

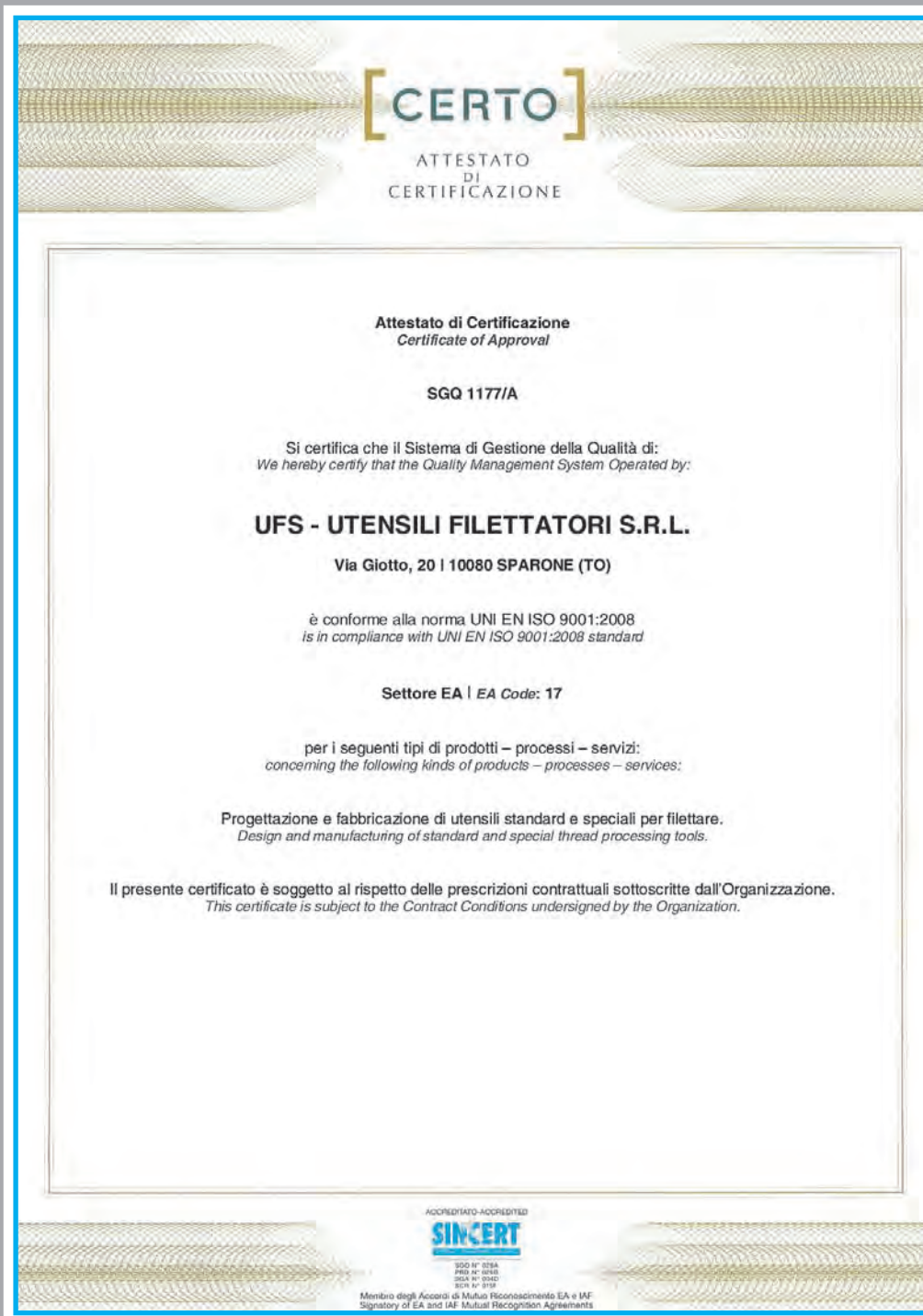


[www.ufs.it](http://www.ufs.it)



CATALOGO TECNICO TECHNICAL CATALOGUE





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Attenzione: i maschi si possono scheggiare durante il loro impiego e si raccomanda l'uso degli occhiali o dello schermo protettivo.

*Warning: taps can splinter during use; protective goggles or shield should therefore be used.*

# SOMMARIO

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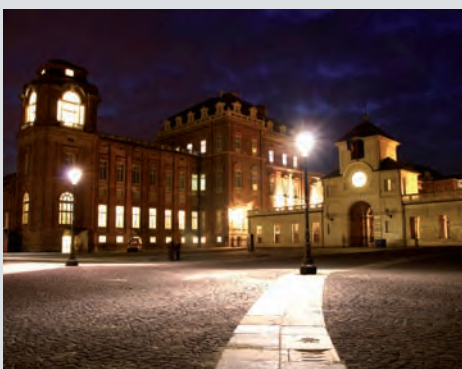
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**TORINO  
E IL PIEMONTE:  
polo tecnologico  
della meccanica  
ed anche territorio  
di cultura, storia  
e buon vivere.**

*TURIN AND  
PIEDMONT:  
Technological hub  
for mechanical industry  
and a land of culture,  
history and good life.*





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## IL "CARATTERE" UFS UFS CHARACTER

Un maschio per ogni impiego  
Standard e speciale: sulle esigenze del cliente  
Partner affidabile per collaborazioni serie e durature  
Costruiamo utensili per filettare dal 1947  
Costante innovazione: R&D in UFS Technology  
Il prodotto: preciso, affidabile, curato e tutto by UFS  
Forte espansione sui mercati esteri  
Qualità certificata... ma non solo dal Certificatore  
Il prezzo è importante... e lo sappiamo!  
Alla data prevista il corriere consegna!  
Il cliente UFS non è mai lasciato solo

*A tap for every application  
Standard and tailor-made special as per customer requests  
Partner for a reliable and lasting cooperation  
We have been manufacturing threading tools since 1947  
Steady innovation: R&D in UFS Technology  
The product: precise, reliable, accurate, all made by UFS  
Great expansion in export markets  
Certified quality... but not only by the certifier  
The price is important ...and we know it!  
Goods are delivered punctually on the given date  
UFS customers are never left alone*

## WWW.UFS.IT

Un sito web dinamico in costante aggiornamento sia in termini di contenuti che di funzionalità interattive a disposizione di clienti e collaboratori.

*A dynamic website is constantly updated in terms of content and interactive functionality available to customers and employees.*



## DISTRIBUZIONE DISTRIBUTION

La UFS persegue l'indirizzo di forte espansione verso i mercati esteri. È già presente con distributori in Europa, Russia, Sud Est Asiatico, Australia e Sud America. In Italia opera tramite rivenditori ed è presente presso i maggiori costruttori in ambito automotive ed aeronautico.

*UFS company is expanding the sales aggressively on the export. We are already present with distributors located in Europe, Russia, South East Asia, China, Australia and South America. In Italy we act with distributors and we are supplier to the major producers in automotive and aerospace fields.*



## FILETTO

Buongiorno, mi presento: mi chiamo Filetto!  
Guardatemi con simpatia... potrei esservi utile.

*Hy, I am Filetto!*

*let's be friend... I could be useful.*









# METODO DI COSTRUZIONE DEL CODICE UFS

## METHOD OF FAST CONSTRUCTION OF THE UFS' CODE

<b>E</b>	<b>24</b>	<b>M</b>	<b>...</b>	<b>AZ</b>	<b>-</b>	<b>T</b>
Materiale del maschio <i>Tap's steel</i>	Tipo di scanalatura <i>Flute's type</i>	Tipo di filettatura del maschio <i>Threading type</i>	Spazio per l'indicazione del diametro <i>Diameter's location</i>	Particolari tecnici aggiuntivi del maschio <i>Technical added information</i>	-	Tipo di trattamento o rivestimento superficiale <i>Tap's coating or treatment surface</i>

## FILETTATURE THREADS

## SPIEGAZIONE SIMBOLI UFS UFS' SYMBOLS CHART

<b>M</b>	<b>LH</b>	Filettatura sinistra <i>Left hand thread</i>	
<b>MF</b>	<b>AZ</b>	Filetti alternati <i>Interrupted threads</i>	
<b>UNC</b>	<b>X</b>	Applicazione per INOX <i>For stainless steel application</i>	
<b>UNF</b>	<b>OT</b>	Applicazione specifica per OTTONE <i>Specific application for BRASS</i>	
<b>UNEF</b>	<b>AL</b>	Applicazione specifica per Alluminio <i>Specific application for Aluminium</i>	
<b>UNS</b>	<b>NI</b>	Applicazione specifica per Nichel <i>Specific application for Nickel</i>	
<b>8-UN</b>	<b>FOR</b>	Lubrificazione interna con uscita assiale <i>Through coolant, axial flow</i>	
<b>12-UN</b>	<b>FORY</b>	Lubrificazione interna con uscita radiale <i>Through coolant, radial flow</i>	
<b>16-UN</b>	<b>SP</b>	Senza punta anteriore <i>Without centre male</i>	
<b>20-UN</b>	<b>SR</b>	Maschiatura rigida sincronizzata <i>Rigid tapping Synchro</i>	
<b>28-UN</b>			
<b>32-UN</b>			
<b>GAS</b>			
<b>Rp</b>			
<i>new</i> <b>NPSM</b>			
<i>new</i> <b>NPSF</b>			
<b>Rc</b>			
<b>NPT</b>			
<b>NPTF</b>			
<b>BSW</b>			
<b>PG</b>			
<b>Tr</b>			
<i>new</i> <b>Rd</b>			
<i>new</i> <b>EGM</b>			



Vuoi il tuo logo sul maschio? Ne possiamo parlare...

Wishing an OEM or Private Label brand on your taps?  
Just ask, we can talk about it...



# CLASSI DI MATERIALI PER MASCHI STANDARD

## MATERIAL'S TYPE FOR STANDARD TAPS

Acciai super rapidi <i>High speed steel</i>				Acciai sinterizzati da polveri <i>Powdered metallurgy high speed steel</i>		Metallo duro <i>Solid carbide</i>
<b>HSS</b>	<b>HSSE</b>	<b>HSSV3</b>	<b>HSSP 8%Co</b>	<b>PM3</b>	<b>PM1</b>	<b>MDI/HM</b>
	R < 850 <i>N/mm<sup>2</sup></i>	R < 1000 <i>N/mm<sup>2</sup></i>	R < 1000 <i>N/mm<sup>2</sup></i>	R < 1600 N/mm <sup>2</sup> / 49 HRC		45÷62 HRC



Gestione acciai con magazzino automatico verticale  
*Automatic load system for steels' storage*

# TIPI DI SCANALATURA

## FLUTE'S TYPE

<b>20</b>	Tagli Diritti (DIN 371) <i>Straight flutes</i>	<b>40</b>	Elica 15° dx (DIN 371) <i>Spiral flutes 15° R</i>	<b>60</b>	Elica 40° dx (DIN 371) <i>Spiral flutes 40° R</i>
<b>21</b>	Tagli Diritti (DIN 376) <i>Straight flutes</i>	<b>41</b>	Elica 15° dx (DIN 376) <i>Spiral flutes 15° R</i>	<b>61</b>	Elica 40° dx (DIN 376) <i>Spiral flutes 40° R</i>
<b>24</b>	Imbocco Corretto (DIN 371) <i>Spiral pointed</i>	<b>42</b>	Elica 10° - 15° dx per Ti e Ni (DIN 371) <i>Spiral flutes 15° R for Ti and Ni</i>	<b>70</b>	Elica 45° dx per Alluminio (DIN 371) <i>Spiral flutes 45° R for Aluminium</i>
<b>25</b>	Imbocco Corretto (DIN 376) <i>Spiral pointed</i>	<b>43</b>	Elica 10° - 15° dx per Ti e Ni (DIN 376) <i>Spiral flutes 15° R for Ti and Ni</i>	<b>71</b>	Elica 45° dx per Alluminio (DIN 376) <i>Spiral flutes 45° R for Aluminium</i>
<b>26</b>	Tagli diritti per GHISA (DIN 371) <i>Straight flutes for cast iron</i>	<b>50</b>	Elica 15° sinistra (DIN 371) <i>Spiral flutes 15° LH</i>	<b>80</b>	El 40° dx, rastremazione posteriore (DIN371) <i>Spiral flutes 40° R, back tapered tread</i>
<b>27</b>	Tagli diritti per GHISA (DIN 376) <i>Straight flutes for cast iron</i>	<b>51</b>	Elica 15° sinistra (DIN 376) <i>Spiral flutes 15° LH</i>	<b>81</b>	El 40° dx, rastremazione posteriore (DIN376) <i>Spiral flutes 40° R, back tapered tread</i>
<b>28</b>	Elica 25° dx (DIN 371) <i>Spiral flutes 25° R</i>	<b>52</b>	Elica 10° - 15° sin. per Ti e Ni (DIN 371) <i>Spiral flutes 15° LH for Ti and Ni</i>	<b>82</b>	Elica 45° - 48° dx (DIN 371) <i>Spiral flutes 45° - 48° R</i>
<b>29</b>	Elica 25° dx (DIN 376) <i>Spiral flutes 25° R</i>	<b>53</b>	Elica 10° - 15° sin. per Ti e Ni (DIN 376) <i>Spiral flutes 15° LH for Ti and Ni</i>	<b>83</b>	Elica 45° - 48° dx (DIN 376) <i>Spiral flutes 45° - 48° R</i>

# LINEE PRODOTTI

## PRODUCTS LINES



Universal



HR



INOX  
*Stainless steel*



Al-Cu-Fe



Ghisa  
*Cast iron*



Ti



Ni

**SR**

Synchro RIGID

**MDI-HR**

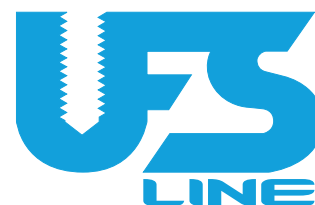
Metallo duro  
*Solid Carbide*

**X-SERIES**

Rullare  
*Roll form taps*



Uso generale  $R < 1000 \text{ N/mm}^2$ , acciaio HSSP 8%Co  
*General purpose  $R < 1000 \text{ N/mm}^2$ , HSSP steel 8%Co*



Linea standard HSSE, HSS  
*Standard line HSSE, HSS*



# CAMPI APPLICATIVI

## APPLICATION FIELD

**N** USO GENERALE  
*General purpose*

**N** USO GENERALE  $R \leq 1000\text{N/mm}^2$   
*General purpose  $R \leq 1000\text{N/mm}^2$*

**U** APPLICAZIONI UNIVERSALI  $R \leq 1200\text{ N/mm}^2$   
*Universal Applications  $R \leq 1200\text{ N/mm}^2$*

**HR** ALTA RESISTENZA  
*High Resistance*

**INOX** ACCIAIO INOSSIDABILE  
*Stainless steel*

**GG** GHISA  
*Cast Iron*

**Al-Cu-Fe** ALLUMINIO, RAME, ACCIAIO  $R \leq 700\text{ N/mm}^2$   
*Aluminium, Cooper, Steel  $R \leq 700\text{ N/mm}^2$*

**OT** OTTONE E BRONZO  
*Brass and Bronze*

**Ti** TITANIO  
*Titanium*

**Ni** NICHEL  
*Nickel*

**SYNCHRO RIGID** MASCHIATURA RIGIDA SINCRONIZZATA  
*Rigid Tapping Synchro*

**MDI-HR** METALLO DURO INTEGRALE - ALTA RESISTENZA  
*Integral hard metal - high resistance*

**P - SERIES** MASCHI A RULLARE  
*Roll form taps*

**X - SERIES** MASCHI A RULLARE  
*Roll form taps*

**MDI -SERIES** MASCHI A RULLARE  
*Roll form taps*

Maschi a mano, serie 3 pezzi Hand taps 3 pieces set			Maschi a mano, serie 2 pezzi Hand taps 2 pieces set		Maschi a mano sinistri LH, serie 3 pezzi Hand taps 3 pieces set - Left LH			Maschi a mano sin., 2 pezzi Hand taps 2 pieces set - Left LH		Maschi a mano per INOX Hand taps 3 pieces set - Stainless steel			...
01...	02...	03...	01...	03...	01...LH	02...LH	03...LH	01...LH	03...LH	01...X-VS	02...X-VS	03...X-VS	10FC...
LINE	LINE	LINE	LINE	LINE	LINE	LINE	LINE	LINE	LINE	LINE new	LINE new	LINE new	LINE
00...			00...		00...LH			00...LH		00...X-VS			
					LH	LH	LH						
2-3	2-3	2-3			4	4	4			5	5	5	6
			82-84	82-84				85	85				
150	150	150	166	166									
			190	190									
218	218	218											
A (5-6)	D (4-5)	C (2-3)	A (5-6)	C (2-3)	A (5-6)	D (4-5)	C (2-3)	A (5-6)	C (2-3)	A (5-6)	D (4-5)	C (2-3)	C (2-3)
HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSSE
Br	Br	Br	Br	Br	Br	Br	Br	Br	Br	VS	VS	VS	Br
N	N	N	N	N	N	N	N	N	N	INOX	INOX	INOX	N
2xD	2xD	2xD	2xD	2xD	2xD	2xD	2xD	2xD	2xD	2xD	2xD	2xD	1,5xD
1.1	■		■		■			■		■			■ 10-15
1.2	■		■		■			■		■			■ 10-15
1.3	■		■		■			■		■			■ 10-12
1.4	■		■		■			■		■			○ 8-10
1.5											○		
1.6													
1.7													
1.8													
2.1	■		■		■			■		■			
2.2	○		○		○			○		○			
2.3	○		○		○			○		○			
2.4													
3.1	○		○		○			○		○			■
3.2											○		
3.3											○		
3.4	○		○		○			○		○			■
3.5													
4.1	■		■		■			■		■			
4.2	■		■		■			■		■			
4.3	■		■		■			■		■			
4.4	○		○		○			○		○			
4.5													
4.6													
5.1	■		■		■			■		■			
5.2	■		■		■			■		■			
5.3	○		○		○			○		○			
5.4													
6.1													
6.2													
6.3													
7.1													
7.2													
7.3													
8.1													
8.2													
8.3													
9.1													
9.2													
9.3													
10.1													



...Maschi per dadi ... Taps for nuts		Maschi scanalature diritte per OTTONE Straight flutes taps for BRASS				Maschi scanalature diritte Straight flutes taps			Maschi scanalature diritte sinistri LH Straight flutes taps - left LH			Maschi con filetti alternati AZ... Interrupted threads taps AZ...	
10FP...	12FP...	LANCIA...	LANCIA...NC	E20...OT	E20...OT-CT	E20/E21...	E20/E21...V	E20/E21...T	E20/E21...LH	E20/E21...LH-V	E20/E21...LH-T	E20/E21...AZ	E20/E21...AZ-V
LINE	LINE	LINE new	LINE new	LINE new	LINE new	LINE	LINE	LINE	LINE	LINE	LINE	LINE	LINE
6	6	Ms58	Ms58	7	7	8-9	8-9	8-9	LH	LH	LH	AZ	AZ
						86-92		86-88			93		
						151		151					
						167		167					
						182		182					
						185		185					
						186		186					
						187		187					
						191, (204 Rp)		191, (204 Rp)					
						206		206					
						207		207					
						219		219					
						222 (PG)		222 (PG)					
						230		230					
20xP	6-8xP	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)
HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE
Br	Br	Br	CrN	Br	TiCN	Br	V	TiN	Br	V	TiN	Br	V
N	N	OT	OT	OT	OT	N	N	N	N	N	N	Al-Cu-Fe	Al-Cu-Fe
1,5xD	3xD	3xD	3xD	3xD	3xD	1,5xD	1,5xD	1,5xD	1,5xD	1,5xD	1,5xD	1,5xD	1,5xD
1.1	■ 10-15	■ 10-15				○ 10-15	■ 10-15	■ 20-30	○ 10-15	■ 10-15	■ 20-30	■ 10-15	■ 10-15
1.2	■ 10-15	■ 10-15				■ 10-15	■ 10-15	■ 20-30	■ 10-15	■ 10-15	■ 20-30	■ 10-15	■ 10-15
1.3	■ 10-12	■ 10-12				■ 10-12	■ 10-12	■ 20-25	■ 10-12	■ 10-12	■ 20-25	■ 10-12	■ 10-12
1.4	○ 8-10	○ 8-10				○ 8-10	○ 8-10	■ 15-20	○ 8-10	○ 8-10	■ 15-20		
1.5													
1.6													
1.7													
1.8													
2.1													
2.2													
2.3													
2.4													
3.1													
3.2													
3.3													
3.4						○ 8-10	○ 8-10	○ 15-20	○ 8-10	○ 8-10	○ 15-20		
3.5													
4.1												○ 10-15	○ 10-15
4.2						○ 15-20	○ 15-20	○ 25-30	○ 15-20	○ 15-20	○ 25-30	■ 15-20	■ 15-20
4.3						○ 10-15	○ 10-15	○ 20-25	○ 10-15	○ 10-15	○ 20-25		
4.4													
4.5													
4.6													
5.1												○ 8-12	○ 8-12
5.2						○ 10-15	○ 10-15	○ 20-25	○ 10-15	○ 10-15	○ 20-25	■ 10-15	■ 10-15
5.3			■ 15-20	■ 25-30	■ 15-20	■ 25-30	○ 15-20	○ 15-20	○ 25-30	○ 15-20	○ 15-20	○ 25-30	○ 25-30
5.4													
6.1													
6.2													
6.3													
7.1													
7.2													
7.3													
8.1												○ 20-25	○ 20-25
8.2			○ 8-10	○ 10-15	○ 8-10	○ 10-15	○ 8-10	○ 8-10	○ 10-15	○ 8-10	○ 10-15		
8.3			○ 3-5	○ 6-10	○ 3-5	○ 6-10							
9.1													
9.2													
9.3													
10.1													

...	Maschi scanalature diritte per GHISA – HSSE Straight flutes taps for CAST IRON - HSSE					Maschi scanalature diritte per GHISA-PM3 Straight flutes taps for CAST IRON – PM3			Maschi scanalature diritte per GHISA imb.E-PM3 Straight flutes taps for CAST IRON – chamfer E			Maschi SYNCHRO Synchro taps		
...														
E20/E21...AZ-TXC	E26/E27...NQ	E26/E27...NS	E26/E27...FOR-NS	E26/E27...FOR-CT	K26/K27...TX	K26/K27...FOR-TX	K26/K27...FOR-TX	K26/K27E...TX	K26/K27E...FOR-TX	K26/K27E...FOR-TX	S20...TXC	S20...FOR-TX	S20...FOR-TX	
TOP new	LINE	LINE	LINE	LINE	TOP	TOP	TOP new	TOP	TOP	TOP new	TOP new	TOP new	TOP new	
AZ											SR	SR	SR	
11	12-13	12-13	12-13	12-13	14	14	14	15	15	15	16	16	16	
	94-95	94-95		94-95	96	96	96	97	97	97	98	98	98	
	152	152			152	152								
	168	168			168	168								
	192	192			192	192								
C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	E (2-3)	E (2-3)	E (2-3)	C (2-3)	C (2-3)	C (2-3)	
HSSE	HSSE	HSSE	HSSE	HSSE	PM3	PM3	PM3	PM3	PM3	PM3	PM3	PM3	PM3	
TXC	NQ	NS	NS	TiCN	TiAlN	TiAlN	TiAlN	TiAlN	TiAlN	TiAlN	TXC	TXC	TXC	
Al-Cu-Fe	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	Synchro R	Synchro R	Synchro R	
1,5xD	3xD	3xD	3,5xD	3,5xD	3xD	3,5xD	3,5xD	3xD	3,5xD	3,5xD	3xD	3,5xD	3,5xD	
1.1	■ 20-30													
1.2														
1.3														
1.4														
1.5											○ 10-15	○ 10-15	○ 10-15	
1.6											■ 8-10	■ 8-10	■ 8-10	
1.7														
1.8														
2.1														
2.2														
2.3														
2.4														
3.1	■ 10-15	■ 20-25	■ 20-25	■ 20-25	■ 25-30	■ 25-30	■ 25-30	■ 20-25	■ 20-25	■ 20-25	■ 25-30	■ 25-30	■ 25-30	
3.2	■ 8-10	■ 15-20	■ 15-20	■ 15-20	■ 20-25	■ 20-25	■ 20-25	■ 15-20	■ 15-20	■ 15-20	■ 20-25	■ 20-25	■ 20-25	
3.3	○ 8-10	○ 15-20	○ 15-20	○ 15-20	○ 20-25	○ 20-25	○ 20-25	○ 15-20	○ 15-20	○ 15-20	○ 20-25	○ 20-25	○ 20-25	
3.4	○ 10-15	○ 20-25	○ 20-25	○ 20-25	○ 25-30	○ 25-30	○ 25-30	○ 20-25	○ 20-25	○ 20-25	○ 25-30	○ 25-30	○ 25-30	
3.5	○ 8-10	○ 15-20	○ 15-20	○ 15-20	■ 20-25	■ 20-25	■ 20-25	■ 15-20	■ 15-20	■ 15-20	■ 20-25	■ 20-25	■ 20-25	
4.1	○ 20-25													
4.2	■ 25-30													
4.3	○ 15-20	○ 30-40	○ 30-40	○ 30-40							○ 30-40	○ 30-40	○ 30-40	
4.4	■ 10-15	■ 25-30	■ 25-30	■ 25-30	○ 25-30	○ 25-30	○ 25-30	○ 25-30	○ 25-30	○ 25-30	■ 25-30	■ 25-30	■ 25-30	
4.5	■ 10-15	○ 20-30	○ 20-30	■ 20-30							■ 30-40	■ 30-40	■ 30-40	
4.6	■ 10-15	○ 20-30	○ 20-30	■ 20-30							■ 30-40	■ 30-40	■ 30-40	
5.1	○ 15-20													
5.2	■ 20-25													
5.3	■ 18-20	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 35-40	■ 35-40	■ 35-40	
5.4					○ 5-8	○ 5-8	○ 5-8				○ 8-10	○ 8-10	○ 8-10	
6.1														
6.2														
6.3														
7.1														
7.2														
7.3														
8.1	○ 25-30													
8.2	■ 8-10	■ 10-15	■ 10-15	■ 10-15							■ 20-25	■ 20-25	■ 20-25	
8.3											■ 10-15	■ 10-15	■ 10-15	
9.1														
9.2														
9.3														
10.1	○ 10-15	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 20-25	○ 20-25	○ 20-25	



Maschi scanalature diritte per alta resistenza - HR Straight flutes taps for high strength materials - HR				Maschi scanalature diritte in metallo duro - MD Straight flutes taps, hard material - HM			Maschi con imbocco coretto per fori passanti Spiral point taps for through holes				Maschi con imbocco coretto sinistri LH Spiral point taps for through holes - left LH		
TOP	TOP new	TOP new	TOP new	TOP	TOP	TOP new	LINE	LINE	LINE	LINE new	LINE	LINE	LINE
≤ 45HRC			≤ 52HRC			≤ 62HRC					LH	LH	LH
17	17	17	18	19	19	19	20-21	20-21	20-21	20-21 (TXC)	22	22	22
							23		23				
							23		23				
							24		24				
99	99	99		99			100-103	100-103	100-103	100-103 (TXC)	104		104
							105						
							105						
							105						
							153	153	153	153			
							169	169	169	169			
							183		183				
							193	193	193	193			
							220	220	220	220			
							222 (PG)		222 (PG)				
							231		231				
C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	D (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)
PM3	PM3	PM3	PM1	MDI/HM	MDI/HM	MDI/HM	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE
TXC	TXC	TXC	TiAlN	Br	TiCN	TiCN	Br	V	TiN	TXC/XP	Br	V	TiN
HR	HR	HR	HR	GG	GG	HR	N	N	N	N	N	N	N
1,5xD	3,5xD	3,5xD	1,5xD	3,5xD	3,5xD	1,5xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD
1.1							○ 10-15	■ 10-15	■ 20-30	■ 20-30	○ 10-15	■ 10-15	■ 20-30
1.2							■ 10-15	■ 10-15	■ 20-30	■ 20-30	■ 10-15	■ 10-15	■ 20-30
1.3	○ 25-30	○ 25-30					■ 10-12	■ 10-12	■ 20-25	■ 20-25	■ 10-12	■ 10-12	■ 20-25
1.4	■ 20-25	■ 20-25					○ 8-10	○ 8-10	■ 15-20	■ 15-20	○ 8-10	○ 8-10	■ 15-20
1.5	○ 5-12	■ 5-12	■ 5-12										
1.6	■ 5-8	■ 5-8	■ 5-8	○ 5-8									
1.7				■ 4-6			○ 4-6						
1.8							■ 1-4						
2.1										○ 10-15			
2.2										○ 8-10			
2.3													
2.4													
3.1	■ 25-30	■ 25-30		■ 30-40	■ 40-60								
3.2	■ 20-25	■ 20-25		■ 25-30	■ 30-40								
3.3	○ 20-25	○ 20-25		○ 25-30	○ 30-40				○ 10-15	○ 10-15			○ 10-15
3.4	○ 25-30	○ 25-30		○ 30-40	○ 40-60				■ 15-20	■ 15-20			■ 15-20
3.5	■ 20-25	■ 20-25		■ 25-30	■ 30-40								
4.1							○ 10-15	■ 10-15	○ 20-25		○ 10-15	■ 10-15	○ 20-25
4.2							■ 15-20	■ 15-20	■ 25-30	■ 25-30	■ 15-20	■ 15-20	■ 25-30
4.3	○ 30-40	■ 30-40	■ 30-40	○ 40-50	○ 60-70				○ 20-25	○ 20-25			○ 20-25
4.4	■ 25-30	■ 25-30	■ 25-30	■ 30-40	■ 40-60								
4.5	■ 20-30	■ 20-30	■ 20-30	■ 40-60	■ 60-80								
4.6	■ 20-30	■ 20-30	■ 20-30	■ 40-60	■ 60-80								
5.1							○ 8-12	■ 8-12	○ 15-20		○ 8-12	■ 8-12	○ 15-20
5.2							○ 10-15	■ 10-15	■ 20-25	■ 20-25	○ 10-15	■ 10-15	■ 20-25
5.3	■ 25-30	■ 25-30	■ 25-30	○ 40-50	○ 60-70								
5.4	○ 5-8	a 5-8	○ 5-8	■ 5-8	○ 8-10	○ 12-15	■ 5-10						
6.1								○ 5-8				○ 5-8	
6.2													
6.3													
7.1								○ 6-8				○ 6-8	
7.2													
7.3													
8.1													
8.2	■ 10-15	○ 10-15	○ 10-15	○ 20-25	○ 30-35								
8.3	■ 6-10	○ 6-10	○ 6-10	○ 10-15	○ 15-20								
9.1				○ 3-5			■ 5-10						
9.2													
9.3				○ 2-3			■ 4-8						
10.1	○ 15-20	■ 15-20	■ 15-20	■ 20-25	■ 30-35								

Maschi lunghi imbocco corretto <i>Spiral point taps, long shank</i>		Maschi imbocco corretto per Al-Fe-Cu <i>Spiral point taps for Al-Fe-Cu</i>						Maschi imbocco corretto per fori passanti HSSP 8%Co <i>Spiral point taps for through holes – HSSP steel 8% Co</i>				Maschi imbocco corretto Univ. <i>Universal spiral point taps</i>	
L24/L25...	L24/L25...CT	E24/E25...AL	E24/E25...AL-VS	E24/E25...AL-TXC	E24/E25...AZ	E24/E25...AZ-TXC	E24/E25...NC	P24/P25...	P24/P25...V	P24/P25...T	P24/P25...CT	K24/K25...XP	K24/K25...FORXP
LINE	LINE	LINE new	LINE new	TOP new	LINE	TOP new	LINE new	PLUS	PLUS	PLUS	PLUS	TOP new	TOP new
XL 25	XL 25	Al 26	Al 26	Al 26	AZ 27	AZ 27	Cu 27	28	28	28	28	29	29
		106	106				106	107	107	107	107	108	108
												154	154
												170	170
												194	194
B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)
HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSP	HSSP	HSSP	HSSP	PM3	PM3
Br	TiCN	Br	VS	TXC	Br	TXC	CrN	Br	V	TiN	TiCN	XP	XP
N	N	Al-Cu-Fe	Al-Cu-Fe	Al-Cu-Fe	Al-Cu-Fe	Al-Cu-Fe	Al-Cu-Fe	N	N	N	N	U	U
3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3,5xD
1.1	○ 10-15	■ 20-30	○ 10-15	○ 10-15	○ 20-30	■ 10-15	■ 20-30	■ 20-30	○ 10-15	■ 10-15	■ 20-30	■ 20-30	■ 20-30
1.2	■ 10-15	■ 20-30						■ 20-30	■ 10-15	■ 10-15	■ 20-30	■ 20-30	■ 20-30
1.3	■ 10-12	■ 20-25						■ 20-25	■ 10-12	■ 10-12	■ 20-25	■ 20-25	■ 20-25
1.4	○ 8-10	■ 15-20						■ 15-20	■ 8-10	■ 8-10	■ 15-20	■ 15-20	■ 15-20
1.5											○ 5-12	○ 5-12	■ 5-12
1.6													
1.7													
1.8													
2.1		○ 10-15										○ 10-15	■ 10-15
2.2		○ 8-10										○ 8-10	■ 8-10
2.3												■ 6-8	■ 6-8
2.4													
3.1													
3.2													
3.3		○ 10-15									○ 10-15	■ 10-15	■ 10-15
3.4		■ 15-20									■ 15-20	■ 15-20	■ 15-20
3.5													
4.1	○ 10-15	■ 10-15	■ 10-15	○ 20-25	○ 10-15	○ 20-25		○ 10-15	■ 10-15	○ 20-25		■ 10-15	■ 10-15
4.2	■ 15-20	■ 25-30	■ 15-20	■ 15-20	■ 25-30	■ 15-20	■ 25-30	■ 15-20	■ 15-20	■ 25-30	■ 25-30	■ 25-30	■ 25-30
4.3		○ 20-25			■ 20-25					○ 20-25	○ 20-25	■ 20-25	■ 20-25
4.4													
4.5													
4.6													
5.1	○ 8-12	○ 8-12	■ 8-12	○ 15-20	○ 8-12	○ 15-20	■ 15-20	○ 8-12	■ 8-12	○ 15-20		■ 20-25	■ 20-25
5.2	○ 10-15	■ 20-25	○ 10-15	■ 10-15	■ 20-25	■ 10-15	■ 20-25	○ 10-15	■ 10-15	■ 20-25	■ 20-25	■ 20-25	■ 20-25
5.3													
5.4													
6.1		■ 5-8			○ 5-8				○ 5-8				
6.2													
6.3													
7.1		■ 6-8			○ 6-8				○ 6-8				
7.2													
7.3													
8.1		■ 20-25	■ 20-25		○ 20-25								
8.2													
8.3													
9.1													
9.2													
9.3													
10.1													

Maschi imbocco corretto Synchro Synchro spiral point taps		Maschi imbocco corretto HR Spiral point taps - HR		Maschi imbocco corretto per INOX Spiral point taps for stainless steel				Maschi elica 15° sinistra, fori passanti Spiral flutes taps, 15° left for through holes			Maschi elica 15° sin Titano e Nichel... Spiral flutes taps, 15° left for Titanium and Nickel...		
S24...TXC	S24...FOR-TXC	K24K25...TXC	K24K25...FOR-TXC	E24/E25...X-V	V24/V25...TXC	K24K25...X-TXC	K24K25...XFOR-TXC	E50/E51...	E50/E51...V	E50/E51...XP	K52/K53...V	K52/K53...CT	K52...NI
TOP new	TOP new	TOP new	TOP new	LINE	TOP	TOP	TOP	LINE	LINE	LINE new	TOP new	TOP new	TOP new
SR	SR							L15°	L15°	L15°	Ti	Ti	Ni
30	30	31	31	32	32	32	32	33	33	33	L15°	L15°	L10°
											34	34	35
											34		35
109	109	110	110	111	111	111	111	112	112	112	113	113	114
											113		114
					155						156	156	
					171						172	172	
195	195					196							
B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	B (4-5)	D (4-5)	D (4-5)	D (4-5)	D (4-5)	D (4-5)	D (4-5)
PM3	PM3	PM3	PM3	HSSE	HSSV3	PM3	PM3	HSSE	HSSE	HSSE	PM3	PM3	PM3
TXC	TXC	TXC	TXC	V	TXC	TXC	TXC	Br	V	XP	V	TiCN	Br
Synchro R	Synchro R	HR	HR	INOX	INOX	INOX	INOX	N	N	N	Ti	Ti	Ni
3xD	3,5xD	3xD	3,5xD	3xD	3xD	3xD	3,5xD	3xD	3xD	3xD	3xD	3xD	3xD
1.1	■ 40-45	■ 40-45						○ 10-15	■ 10-15	■ 20-30			
1.2	■ 40-45	■ 40-45						■ 10-15	■ 10-15	■ 20-30			
1.3	■ 35-40	■ 35-40			■ 20-25	■ 20-25	■ 20-25	■ 10-12	■ 10-12	■ 20-25			
1.4	■ 25-30	■ 25-30			■ 15-20	■ 15-20	■ 15-20	○ 8-10	○ 8-10	■ 15-20			
1.5	■ 10-15	■ 10-15	■ 5-12	■ 5-12	○ 5-12	■ 5-12	■ 5-12						
1.6			■ 5-8	■ 5-8		○ 5-8	○ 5-8						■ 5-8
1.7													
1.8													
2.1	■ 20-25	■ 20-25			■ 6-8	■ 10-15	■ 10-15	■ 10-15					
2.2	■ 15-20	■ 15-20			■ 5-7	■ 8-10	■ 8-10	■ 8-10					
2.3	■ 10-15	■ 10-15			○ 3-5	■ 6-8	■ 6-8	■ 6-8					
2.4	■ 10-12	■ 10-12				○ 6-8	■ 6-8	■ 6-8					■ 6-8
3.1													
3.2													
3.3	■ 20-25	■ 20-25	■ 15-20	■ 15-20						○ 10-15			■ 15-20
3.4	■ 25-30	■ 25-30	■ 20-25	■ 20-25						○ 15-20			■ 20-25
3.5													
4.1	■ 30-40	■ 30-40											
4.2	■ 45-50	■ 45-50								○ 15-20			
4.3	■ 30-40	■ 30-40									○ 20-25		
4.4			○ 25-30	○ 25-30									○ 25-30
4.5	■ 30-40	■ 30-40											
4.6	■ 30-40	■ 30-40											
5.1	■ 20-25	■ 20-25											
5.2	■ 25-30	■ 25-30								○ 10-15	○ 20-25		
5.3	■ 35-40	■ 35-40	■ 25-30	■ 25-30									■ 25-30
5.4													○ 5-8
6.1	■ 20-30	■ 20-30								○ 5-8		■ 5-10	
6.2	■ 12-15	■ 12-15											■ 4-8
6.3													■ 2-4
7.1	■ 20-30	■ 20-30											
7.2	■ 8-12	■ 8-12								○ 6-8			■ 2-4
7.3													■ 2-3
8.1													
8.2													
8.3													
9.1													
9.2													■ 1-2
9.3													
10.1													■ 2-3





Maschi elicoidali 15° HR Spiral flutes taps 15° - HR		Maschi elicoidali 15° Titanio Spiral flutes taps 15° - Titanium			Maschi elicoidali 10° Nichel Spiral flutes taps 10° - Nickel			Maschi elicoidali 40° Spiral flutes taps 40°					
K40/K41...TXC	K40/K41...FOR-TXC	K42/K43...V	K42/K43...CT	K28/K29...AZ-V	K42...Ni	K42...Ni-CT	K28/K29...V	E60/E61...	E60/E61...V	E60/E61...T	E60/E61...TXC	E60/E61...FOR	E60/E61...FOR-T
TOP new	TOP new	TOP new	TOP new	TOP new	TOP new	TOP new	TOP new	LINE	LINE	LINE	LINE new	LINE	LINE
		Ti	Ti	Ti-AZ	Ni	Ni	Ni						
R15°	R15°	R15°	R15°	R15°	R10°	R10°	R25°	R40°	R40°	R40°	R40°	R40°	R40°
43	43	44	44	44	45	45	45	46-47	46-47	46-47	46-47 (TXC)	48	48
		44			45			50			50		
								50			50		
								51			51		
		120	120		121	121		122-126	122-126	122-126	122-126(TXC)	127	127
		120			121			129					
								129					
		158	158					159	159	159	159		
		174	174					175	175	175	175		
								184			184		
								198	198	198	198		
								221	221	221	221		
								232			232		
C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)
PM3	PM3	PM3	PM3	PM	PM3	PM3	PM	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE
TXC	TXC	V	TiCN	V	Br	TiCN	V	Br	V	TiN	TXC/XP	Br	TiN
HR	HR	Ti	Ti	Ti	Ni	Ni	Ni	N	N	N	N	N	N
1,5xD	2,5xD	1,5xD	1,5xD	2,5xD	1,5xD	1,5xD	2,5xD	2,5xD	2,5xD	2,5xD	2,5xD	3xD	3xD
1.1								○ 10-15	■ 10-15	■ 20-30	■ 20-30	○ 10-15	■ 20-30
1.2								■ 10-15	■ 10-15	■ 20-30	■ 20-30	■ 10-15	■ 20-30
1.3								■ 10-12	■ 10-12	■ 20-25	■ 20-25	■ 10-12	■ 20-25
1.4								○ 8-10	○ 8-10	■ 15-20	■ 15-20	○ 8-10	■ 15-20
1.5	■ 5-12	■ 5-12											
1.6	■ 5-8	■ 5-8		■ 5-8			■ 5-8						
1.7													
1.8													
2.1													
2.2											○ 10-15		
2.3											○ 8-10		
2.4				■ 6-8									
3.1													
3.2													
3.3	■ 15-20	■ 15-20		■ 15-20						○ 10-15	○ 10-15		○ 10-15
3.4	■ 20-25	■ 20-25		■ 20-25						■ 15-20	■ 15-20		■ 15-20
3.5													
4.1								○ 10-15	■ 10-15	○ 20-25	○ 20-25	○ 10-15	○ 20-25
4.2								■ 15-20	■ 15-20	■ 25-30	■ 25-30	■ 15-20	■ 25-30
4.3										○ 20-25	○ 20-25		○ 20-25
4.4	○ 25-30	○ 25-30		○ 25-30									
4.5	■ 20-30	■ 20-30											
4.6	■ 20-30	■ 20-30											
5.1								○ 8-12	■ 8-12	○ 15-20		○ 8-12	○ 15-20
5.2								○ 10-15	■ 10-15	■ 20-25	■ 20-25	○ 10-15	■ 20-25
5.3	■ 25-30	■ 25-30		■ 25-30									
5.4				○ 5-8			■ 5-8						
6.1			■ 5-10	■ 5-10									
6.2				■ 4-8	■ 4-8								
6.3				■ 2-4									
7.1													
7.2				■ 2-4		■ 2-4	■ 6-8						
7.3						■ 2-3	■ 2-4						
8.1													
8.2													
8.3													
9.1													
9.2				■ 1-2			■ 3-5						
9.3													
10.1							■ 2-3						





Maschi elicoidali 40° in acciaio HSSP 8% Co, imbocco E <i>Spiral flutes taps 40° HSSP steel 8%Co, chamfer E</i>				Maschi elicoidali 40°, rastremazione posteriore del filetto <i>Spiral flutes taps 40° back tapered thread</i>				Maschi elicoidali 45° in acciaio HSSE <i>Spiral flutes taps 45° HSSE steel</i>				Maschi el. 45° imp. universali... <i>Spiral flutes taps 45° univ. appl...</i>	
P60/P61E...	P60/P61E...XP	P60/P61E...FOR	P60/P61E...FOR-XP	E80/E81...	E80/E81...V	E80/E81...T	E80/E81...XP	E82/E83...	E82/E83...V	E82/E83...T	E82/E83...XP	K82/K83...XP	K82/K83...FOR-XP
PLUS	PLUS <b>new</b>	PLUS <b>new</b>	PLUS <b>new</b>	LINE	LINE	LINE	LINE <b>new</b>	LINE <b>new</b>	LINE <b>new</b>	LINE <b>new</b>	LINE <b>new</b>	TOP <b>new</b>	TOP <b>new</b>
R40°	R40°	R40°	R40°	BT	BT	BT	BT	R45°	R45°	R45°	R45°	BT	BT
57	57	57	57	R40°	R40°	R40°	R40°	59	59	59	59	R45°	R45°
				132	132	132	132	133	133	133	133	134	134
												160	160
												176	176
												199	199
E (1,5-2)	E (1,5-2)	E (1,5-2)	E (1,5-2)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)
HSSP	HSSP	HSSP	HSSP	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	PM3	PM3
Br	XP	Br	XP	Br	V	TiN	XP	Br	V	TiN	XP	XP	XP
N	N	N	N	N	N	N	N	N	N	N	N	U	U
2,5xD	2,5xD	3xD	3xD	2,5÷3xD	2,5÷3xD	2,5÷3xD	2,5÷3xD	3xD	3xD	3xD	3xD	3xD	3xD
1.1	○ 10-15	■ 20-30	○ 10-15	■ 20-30	○ 10-15	■ 10-15	■ 20-30	■ 20-30	○ 10-15	■ 10-15	■ 20-30	■ 20-30	■ 20-30
1.2	■ 10-15	■ 20-30	■ 10-15	■ 20-30	■ 10-15	■ 10-15	■ 20-30	■ 20-30	■ 10-15	■ 10-15	■ 20-30	■ 20-30	■ 20-30
1.3	■ 10-12	■ 20-25	■ 10-12	■ 20-25	■ 10-12	■ 10-12	■ 20-25	■ 20-25	■ 10-12	■ 10-12	■ 20-25	■ 20-25	■ 20-25
1.4	■ 8-10	■ 15-20	■ 8-10	■ 15-20	○ 8-10	○ 8-10	■ 15-20	■ 15-20	○ 8-10	○ 8-10	■ 15-20	■ 15-20	■ 15-20
1.5		○ 5-12		○ 5-12								■ 5-12	■ 5-12
1.6													
1.7													
1.8													
2.1		○ 10-15		○ 10-15		○ 6-8		○ 10-15		○ 6-8		○ 10-15	■ 10-15
2.2		○ 8-10		○ 8-10		○ 5-7		○ 8-10		○ 5-7		○ 8-10	■ 8-10
2.3												■ 6-8	■ 6-8
2.4													
3.1													
3.2													
3.3		○ 10-15		○ 10-15								■ 10-15	■ 10-15
3.4		■ 15-20		■ 15-20								■ 15-20	■ 15-20
3.5													
4.1	○ 10-15		○ 10-15										
4.2	■ 15-20	■ 25-30	■ 15-20	■ 25-30									
4.3		○ 20-25		○ 20-25					○ 15-20	○ 15-20	○ 25-30	○ 25-30	○ 25-30
4.4												○ 20-25	○ 20-25
4.5													
4.6													
5.1	○ 8-12		○ 8-12	○ 8-12	■ 8-12	○ 15-20							
5.2	○ 10-15	■ 20-25	○ 10-15	■ 20-25	○ 10-15	■ 10-15	■ 20-25	■ 20-25	○ 10-15	○ 10-15	○ 20-25	○ 20-25	○ 20-25
5.3													
5.4													
6.1													
6.2													
6.3													
7.1													
7.2													
7.3													
8.1													
8.2													
8.3													
9.1													
9.2													
9.3													
10.1													



...	Maschi a rullare con canali <i>Roll taps with oil groove</i>				Maschi a rullare per fori passanti <i>Roll taps for through holes</i>				Maschi a rullare sinistri LH <i>Roll taps left - LH</i>				Maschi a rull. senza can. PM3... <i>Roll taps without oil groove PM3...</i>	
...														
	P2SC...T	P2CC...	P2CC...V	P2CC...T	P2SC...FP	P2SC...FP-T	P2CC...FP	P2CC...FP-T	P2SC...LH	P2SC...LH-T	P2CC...LH	P2CC...LH-T	X2SC...NC	X2SC...TG
	LINE	LINE	LINE	LINE	LINE new	LINE new	LINE new	LINE new	LINE new	LINE new	LINE new	LINE new	TOP new	TOP
									LH	LH	LH	LH	Al, Cu, Fe	
	P-series	P-series	P-series	P-series	P-series	P-series	P-series	P-series	P-series	P-series	P-series	P-series	X-series	X-series
	68	70	70	70	72	72	72	72	73	73	73	73	74	74
														74 new
	138	140	140	140	142	142	142	142	143	143	143	143		144
	139	141	141	141										144
	162	162		162										
	178	178		178										
		202		202										
	C (2-3)	C (2-3)	C (2-3)	C (2-3)	D (4-5)	D (4-5)	D (4-5)	D (4-5)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)
	HSSP	HSSP	HSSP	HSSP	HSSP	HSSP	HSSP	HSSP	HSSP	HSSP	HSSP	HSSP	PM3	PM3
	TiN	Br	V	TiN	Br	TiN	Br	TiN	Br	TiN	Br	TiN	CrN	TiN-G
	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD
1.1	■ 20-30	○ 15-20	■ 15-20	■ 20-30	○ 15-20	■ 20-30	○ 15-20	■ 20-30	○ 15-20	■ 20-30	○ 15-20	■ 20-30	■ 30-40	■ 30-40
1.2	■ 20-30	○ 15-20	■ 15-20	■ 20-30	○ 15-20	■ 20-30	○ 15-20	■ 20-30	○ 15-20	■ 20-30	○ 15-20	■ 20-30	■ 30-40	■ 30-40
1.3	■ 20-25	○ 15-18		■ 20-25	○ 15-18	■ 20-25	○ 15-18	■ 20-25	○ 15-18	■ 20-25	○ 15-18	■ 20-25	■ 30-35	■ 30-35
1.4	○ 15-20			○ 15-20		○ 15-20		○ 15-20		○ 15-20		○ 15-20		■ 25-30
1.5														○ 10-15
1.6														
1.7														
1.8														
2.1	■ 10-15			■ 10-15		■ 10-15		■ 10-15		■ 10-15		■ 10-15		■ 10-15
2.2	■ 10-12			■ 10-12		■ 10-12		■ 10-12		■ 10-12		■ 10-12		■ 10-12
2.3	○ 6-10			○ 6-10		○ 6-10		○ 6-10		○ 6-10		○ 6-10		■ 6-10
2.4														○ 6-8
3.1														
3.2														
3.3														
3.4														
3.5														
4.1	■ 35-40	○ 20-30	■ 20-30	■ 35-40	○ 20-30	■ 35-40	○ 20-30	■ 35-40	○ 20-30	■ 35-40	○ 20-30	■ 35-40	■ 35-40	■ 35-40
4.2	■ 40-45	○ 25-35	■ 25-35	■ 40-45	○ 25-35	■ 40-45	○ 25-35	■ 40-45	○ 25-35	■ 40-45	○ 25-35	■ 40-45	■ 40-45	■ 40-45
4.3	■ 35-40			■ 35-40		■ 35-40		■ 35-40		■ 35-40		■ 35-40	■ 35-40	■ 35-40
4.4														
4.5														
4.6														
5.1	○ 15-20		○ 10-15	○ 15-20		○ 15-20		○ 15-20		○ 15-20		○ 15-20	■ 15-20	○ 15-20
5.2	○ 15-20		○ 10-15	○ 15-20		○ 15-20		○ 15-20		○ 15-20		○ 15-20	■ 15-20	○ 15-20
5.3														
5.4														
6.1													■ 10-20	
6.2														
6.3														
7.1														■ 15-20
7.2														○ 5-8
7.3														
8.1														
8.2														
8.3														
9.1														
9.2														
9.3														
10.1														

...	Maschi a rullare con canali – PM3 Roll taps with oil groove - PM3				Maschi a rullare con canali e foro di lub. Roll taps with oil groove - int. coolant supply			Maschi a rullare imbocco E Roll taps chamfer E			Maschi a rullare MDI Roll taps hard material HM		Maschi conici CORTI Taps tapered shorts	
	X2SC...CT	X2CC...NC	X2CC...TG	X2CC...CT	X2CC...TXC	X2CC...FOR-TG	X2CC...FOR-TG	X2SCE...TG	X2CCE...TG	X2CCE...FOR-TG	HM2SC...FOR-T	HM2CC...FOR-T	E21C...	E21C...VS
	TOP	TOP new	TOP	TOP	TOP new	TOP	TOP new	TOP new	TOP new	TOP new	TOP new	TOP new	LINE	LINE new
		Al, Cu, Fe												
	X-series	X-series	X-series	X-series	X-series	X-series	X-series	X-series	X-series	X-series	X-series	X-series	con1:16	con1:16
	74	75	75	75	76	76	76	77	77	77	78	78		
			75 new											
			144		145	145	145	146	146	146				
			144											
			202			202								
													210	210
													212	212
													214	214
	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	C (2-3)	E (1,5-2)	E (1,5-2)	E (1,5-2)	C (2-3)	C (2-3)	C (2-3)	C (2-3)
	PM3	PM3	PM3	PM3	PM3	PM3	PM3	PM3	PM3	PM3	MDI/HM	MDI/HM	HSSE	HSSE
	TiCN	CrN	TiN-G	TiCN	TXC	TiN-G	TiN-G	TiN-G	TiN-G	TiN-G	TiN	TiCN	Br	VS
	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD	-	-
1.1	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-50	■ 30-50	○ 3-5	○ 3-5
1.2	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-40	■ 30-50	■ 30-50	■ 3-5	■ 3-5
1.3	■ 30-35	■ 30-35	■ 30-35	■ 30-35	■ 30-35	■ 30-35	■ 30-35	■ 30-35	■ 30-35	■ 30-35	■ 30-45	■ 30-45	■ 5-7	■ 5-7
1.4	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 25-30	■ 30-40	■ 30-40	○ 4-6	■ 4-6
1.5	○ 10-15	○ 10-15	○ 10-15	○ 10-15	○ 10-15	○ 10-15	○ 10-15	○ 10-15	○ 10-15	○ 10-15	○ 20-30	○ 20-30		
1.6														
1.7														
1.8														
2.1	■ 10-15	■ 10-15	■ 10-15	■ 10-15	■ 10-15	■ 10-15	■ 10-15	■ 10-15	■ 10-15	■ 10-15	■ 20-25	■ 20-25		○ 3-5
2.2	■ 10-12	■ 10-12	■ 10-12	■ 10-12	■ 10-12	■ 10-12	■ 10-12	■ 10-12	■ 10-12	■ 10-12	■ 15-20	■ 15-20		○ 2-4
2.3	■ 6-10	■ 6-10	■ 6-10	■ 6-10	■ 6-10	■ 6-10	■ 6-10	■ 6-10	■ 6-10	■ 6-10	■ 10-15	■ 10-15		■ 2-3
2.4	○ 6-8	○ 6-8	○ 6-8	○ 6-8	○ 6-8	○ 6-8	○ 6-8	○ 6-8	○ 6-8	○ 6-8	○ 10-15	○ 10-15		
3.1														○ 5-7
3.2														○ 3-5
3.3														■ 3-5
3.4														○ 5-7
3.5														■ 5-7
4.1	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 40-50	■ 40-50		
4.2	■ 40-45	■ 40-45	■ 40-45	■ 40-45	■ 40-45	■ 40-45	■ 40-45	■ 40-45	■ 40-45	■ 40-45	■ 50-60	■ 50-60	○ 10-15	○ 10-15
4.3	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 35-40	■ 40-50	■ 40-50	○ 10-15	■ 10-15
4.4														○ 6-8
4.5														
4.6														
5.1	○ 15-20	■ 15-20	○ 15-20	○ 15-20	■ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 30-40	○ 30-40		
5.2	○ 15-20	■ 15-20	○ 15-20	○ 15-20	■ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 15-20	○ 30-40	○ 30-40		
5.3													○ 8-12	■ 8-12
5.4														
6.1		■ 10-20												
6.2														
6.3														
7.1	■ 15-20		■ 15-20	■ 15-20		■ 15-20	■ 15-20	■ 15-20	■ 15-20	■ 15-20	■ 30-35	■ 30-35		
7.2	○ 5-8		○ 5-8	○ 5-8		○ 5-8	○ 5-8	○ 5-8	○ 5-8	○ 5-8	○ 10-15	○ 10-15		
7.3														
8.1														
8.2														
8.3														
9.1														
9.2														
9.3														
10.1														







# INDICE PRODOTTI

## PRODUCTS INDEX

Filettatura - Thread				M				Filettatura - Thread				M				Filettatura - Thread				M			
CODICE - code		pg. list.	pg. cat.	Typ.	CODICE - code		pg. list.	pg. cat.	Typ.	CODICE - code		pg. list.	pg. cat.	Typ.	CODICE - code		pg. list.	pg. cat.	Typ.				
00M		1	002-003	Line	E24M...TZ	15	026	Line	E41M...AZ	23	041	Line											
00M...LH		2	004	Line	E24M...V	11	020	Line	E41M...AZ-V	23	041	Line											
00M...X-VS		3	005	Line	E25M...X-V	18	032	Line	E41M...FOR	21	038	Line											
01M		1	002-003	Line	E25M...	11	021	Line	E41M...FOR-T	21	038	Line											
01M...LH		2	004	Line	E25M...+0,1	14	024	Line	E41M...NC	24	041	Line											
01M...X-VS		3	005	Line	E25M...4H	12	023	Line	E41M...T	21	037	Line											
02M		1	002-003	Line	E25M...-6G	13	023	Line	E41M...T+0,1	23	040	Line											
02M...LH		2	004	Line	E25M...-7G	13	024	Line	E41M...T-4H	22	039	Line											
02M...X-VS		3	005	Line	E25M...AL-TXC	15	026	Top	E41M...T-6G	22	039	Line											
03M		2	002-003	Line	E25M...AL-VS	14	026	Line	E41M...T-7G	23	040	Line											
03M...LH		2	004	Line	E25M...AZ	15	027	Line	E41M...TZ	23	041	Line											
03M...X-VS		3	005	Line	E25M...AZ-TXC	15	027	Top	E41M...V	21	037	Line											
10FCM...		3	006	Line	E25M...AZ-TZ	15	027	Line	E41M...XP	21	037	Line											
10FPM...		3	006	Line	E25M...LH	12	022	Line	E50M...	18	033	Line											
12FPM...		3	006	Line	E25M...LH-T	12	022	Line	E50M...V	19	033	Line											
E20M...		4	008	Line	E25M...LH-V	12	022	Line	E50M...XP	19	033	Line											
E20M...AZ		6	011	Line	E25M...NC	15	027	Line	E51M...	19	033	Line											
E20M...AZ-TXC		6	011	Top	E25M...T	11	021	Line	E51M...V	19	033	Line											
E20M...AZ-V		6	011	Line	E25M...T+0,1	14	024	Line	E51M...XP	19	033	Line											
E20M...LH		5	010	Line	E25M...T-4H	13	023	Line	E60M...CP-T	27	046	Line											
E20M...LH-T		6	010	Line	E25M...T-6G	13	023	Line	E60M...CP-TXC	27	046	Line											
E20M...LH-V		6	010	Line	E25M...T-7G	13	024	Line	E60M...CP-V	27	046	Line											
E20M...-OT		4	007	Line	E25M...TXC	12	021	Line	E60M...	26	046	Line											
E20M...-OT-CT		4	007	Line	E25M...TZ	15	026	Line	E60M...+0,1	30	051	Line											
E20M...SP		4	008	Line	E25M...V	11	021	Line	E60M...-4H	29	050	Line											
E20M...SP-T		5	008	Line	E26M...FOR-CT	7	012	Line	E60M...6G	29	050	Line											
E20M...SP-V		4	008	Line	E26M...FOR-NS	7	012	Line	E60M...-7G	30	051	Line											
E20M...T		5	008	Line	E26M...NQ	7	012	Line	E60M...CP	26	046	Line											
E20M...V		4	008	Line	E26M...NS	7	012	Line	E60M...FOR	28	048	Line											
E21M		5	009	Line	E26M...SP-NQ	7	012	Line	E60M...FOR-T	28	048	Line											
E21M...AZ		6	011	Line	E26M...SP-NS	7	012	Line	E60M...FOR-TXC	28	048	Line											
E21M...AZ-TXC		6	011	Top	E27M...FOR-CT	7	013	Line	E60M...LH	28	049	Line											
E21M...AZ-V		6	011	Line	E27M...FOR-NS	7	013	Line	E60M...LH-V	29	049	Line											
E21M...LH		5	010	Line	E27M...NQ	7	013	Line	E60M...LH-XP	29	049	Line											
E21M...LH-T		6	010	Line	E27M...NS	7	013	Line	E60M...NC	32	055	Line											
E21M...LH-V		6	010	Line	E27M...SP-NQ	7	013	Line	E60M...T	27	046	Line											
E21M...T		5	009	Line	E27M...SP-NS	7	013	Line	E60M...TXC	27	046	Line											
E21M...V		5	009	Line	E40M...	20	036	Line	E60M...V	27	046	Line											
E24M...X-V		18	032	Line	E40M...+0,1	23	040	Line	E60M...XP+0,1	30	051	Line											
E24M...		10	020	Line	E40M...-4H	22	039	Line	E60M...XP-4H	29	050	Line											
E24M...+0,1		14	024	Line	E40M...-6G	22	039	Line	E60M...XP-6G	30	050	Line											
E24M...4H		12	023	Line	E40M...-7G	22	040	Line	E60M...XP-7G	30	051	Line											
E24M...-6G		13	023	Line	E40M...AZ	23	041	Line	E61M...+0,1	30	051	Line											
E24M...-7G		13	024	Line	E40M...AZ-V	23	041	Line	E61M...-4H	29	050	Line											
E24M...AL		14	026	Line	E40M...FOR	21	038	Line	E61M...6G	29	050	Line											
E24M...AL-TXC		15	026	Top	E40M...FOR-T	21	038	Line	E61M...FOR	28	048	Line											
E24M...AL-VS		14	026	Line	E40M...NC	24	041	Line	E61M...FOR-T	28	048	Line											
E24M...AZ		15	027	Line	E40M...T	20	036	Line	E61M...FOR-TXC	28	048	Line											
E24M...AZ-TXC		15	027	Top	E40M...T+0,1	23	040	Line	E61M...LH	28	049	Line											
E24M...AZ-TZ		15	027	Line	E40M...T-4H	22	039	Line	E61M...LH-V	29	049	Line											
E24M...LH		12	022	Line	E40M...T-6G	22	039	Line	E61M...LH-XP	29	049	Line											
E24M...LH-T		12	022	Line	E40M...T-7G	23	040	Line	E61M...XP+0,1	30	051	Line											
E24M...LH-V		12	022	Line	E40M...TZ	23	041	Line	E61M...XP-4H	29	050	Line											
E24M...NC		15	027	Line	E40M...V	20	036	Line	E61M...XP-6G	30	050	Line											
E24M...T		11	020	Line	E40M...XP	20	036	Line	E61M...	27	047	Line											
E24M...T+0,1		14	024	Line	E41M...	21	037	Line	E61M...-7G	30	051	Line											
E24M...T-4H		13	023	Line	E41M...+0,1	23	040	Line	E61M...NC	32	055	Line											
E24M...T-6G		13	023	Line	E41M...-4H	22	039	Line	E61M...T	28	047	Line											
E24M...T-7G		13	024	Line	E41M...-6G	22	039	Line	E61M...TXC	28	047	Line											
E24M...TXC		11	020	Line	E41M...-7G	22	040	Line	E61M...V	27	047	Line											

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E61M...XP-7G	30	051	Line	K26M...FORY-TX	8	014	Top	K83M...X-TXC	37	065	Top	L24M...	14	025	Line	L24M...CT	14	025	Line				
E70M...	31	054	Line	K26M...SP-TX	8	014	Top	L25M...	14	025	Line	L25M...AL	14	026	Line	L25M...CT	14	025	Line				
E70M...TXC	31	054	Top	K26M...TX	8	014	Top	L60...CT	31	053	Line	L60M...	31	053	Line	L61...CT	31	053	Line				
E70M...TZ	31	054	Line	K27EM...FOR-TX	8	015	Top	L61M...	31	053	Line	L61M...	31	053	Line	LANCIAM...	4	007	Line				
E70M...VS	31	054	Line	K27EM...FORY-TX	9	015	Top	LANCIAM...NC	4	007	Line	P24M...	16	028	Plus	P24M...CT	16	028	Plus				
E71M...	31	054	Line	K27EM...TX	8	015	Top	P24M...T	16	028	Plus	P24M...V	16	028	Plus	P25M...	16	028	Plus				
E71M...TXC	31	054	Top	K27M...FOR-TX	8	014	Top	P25M...CT	16	028	Plus	P25M...T	16	028	Plus	P25M...V	16	028	Plus				
E71M...TZ	31	054	Line	K27M...FORY-TX	8	014	Top	P2CCM...	38	070	Line	P2CCM...FP	40	072	Line	P2CCM...FP-T	40	072	Line				
E71M...VS	31	054	Line	K27M...TX	8	014	Top	P2CCM...LH	40	073	Line	P2CCM...LH-T	40	073	Line	P2CCM...SP	38	070	Line				
E80M...X-V	37	064	Line	K28M...	36	062	Top	P2CCM...SP-T	39	070	Line	P2CCM...SP-V	39	070	Line	P2CCM...T	39	071	Line				
E80M...	33	058	Line	K28M...AZ-V	26	044	Top	P2CCM...V	39	070	Line	P2SCM...	37	068	Line	P2SCM...FP	39	072	Line				
E80M...T	34	058	Line	K28M...CT	36	062	Top	P2SCM...FP-T	40	072	Line	P2SCM...LH	40	073	Line	P2SCM...LH-T	40	073	Line				
E80M...V	33	058	Line	K28M...FOR-CT	36	062	Top	P2SCM...LH-T	40	073	Line	P2SCM...SP	37	068	Line	P2SCM...SP-T	38	068	Line				
E80M...XP	34	058	Line	K28M...V	26	045	Top	P2SCM...SP-V	38	068	Line	P2SCM...T	38	068	Line	P2SCM...V	38	068	Line				
E81M...X-V	37	064	Line	K29M...	36	062	Top	P3CCM...	39	071	Line	P3CCM...SP	39	071	Line	P3CCM...SP-T	39	071	Line				
E81M...	33	058	Line	K29M...AZ-V	26	044	Top	P3CCM...SP-T	39	071	Line	P3CCM...T	39	071	Line	P3CCM...V	39	071	Line				
E81M...T	34	058	Line	K29M...CT	36	062	Top	P3CCM...T	39	071	Line	P3CCM...V	39	071	Line	P3SCM...	38	069	Line				
E81M...V	33	058	Line	K29M...FOR-CT	36	062	Top	P3CCM...V	38	069	Line	P3SCM...SP	38	069	Line	P3SCM...SP-T	38	069	Line				
E81M...XP	34	058	Line	K29M...V	26	045	Top	P3SCM...T	38	069	Line	P3SCM...V	38	069	Line	P40M...	24	042	Plus				
E82M...	34	059	Line	K40M...FOR-TXC	25	043	Top	P40M...CT	24	042	Plus	P40M...T	24	042	Plus	P40M...V	24	042	Plus				
E82M...T	34	059	Line	K40M...HR	25	043	Top	P41M...	24	042	Plus	P41M...CT	24	042	Plus	P41M...T	24	042	Plus				
E82M...V	34	059	Line	K40M...TXC	25	043	Top	P41M...T	24	042	Plus	P41M...V	24	042	Plus								
E82M...XP	34	059	Line	K41M...FOR-TXC	25	043	Top																
E83M...	34	059	Line	K41M...HR	25	043	Top																
E83M...T	34	059	Line	K41M...TXC	25	043	Top																
E83M...V	34	059	Line	K42M...CT	25	044	Top																
E83M...XP	34	059	Line	K42M...NI	26	045	Top																
HM20M...FOR	10	019	Top	K42M...NI-4HX	26	045	Top																
HM20M...FOR-CT	10	019	Top	K42M...NI-CT	26	045	Top																
HM21M...FOR	10	019	Top	K42M...V	25	044	Top																
HM21M...FOR-CT	10	019	Top	K42M...V-4HX	25	044	Top																
HM2CCM...FORY-CT	42	078	Top	K43M...CT	25	044	Top																
HM2SCM...FOR-T	42	078	Top	K43M...V	25	044	Top																
HM-XT20M...CT	10	019	Top	K43M...V-4HX	25	044	Top																
K20M...TXC	9	017	Top	K52M...CT	19	034	Top																
K21M...TXC	9	017	Top	K52M...NI	20	035	Top																
K22M...FOR-TXC	9	017	Top	K52M...NI-4HX	20	035	Top																
K22M...FORY-TXC	9	017	Top	K52M...NI-CT	20	035	Top																
K23M...FOR-TXC	9	017	Top	K52M...V	19	034	Top																
K23M...FORY-TXC	9	017	Top	K52M...V-4HX	19	034	Top																
K24M...FORY-TXC	18	031	Top	K53M...CT	19	034	Top																
K24M...XFORY-TXC	18	032	Top	K53M...V	19	034	Top																
K24M...X-TXC	18	032	Top	K53M...V-4HX	19	034	Top																
K24M...FORY-XP	17	029	Top	K80M...FOR-TXC	36	063	Top																
K24M...HR	17	031	Top	K80M...HR	36	063	Top																
K24M...TXC	17	031	Top	K80M...TXC	36	063	Top																
K24M...U	16	029	Top	K81M...FOR-TXC	36	063	Top																
K24M...XP	17	029	Top	K81M...HR	36	063	Top																
K25M...FORY-TXC	18	031	Top	K81M...TXC	36	063	Top																
K25M...XFORY-TXC	18	032	Top	K82M...FOR-XP	35	060	Top																
K25M...X-TXC	18	032	Top	K82M...FORY-XP	35	060	Top																
K25M...FORY-XP	17	029	Top	K82M...U	35	060	Top																
K25M...HR	17	031	Top	K82M...XFOR-TXC	37	065	Top																
K25M...TXC	17	031	Top	K82M...XP	35	060	Top																
K25M...U	16	029	Top	K82M...X-TXC	37	065	Top																
K25M...XP	17	029	Top	K83M...FOR-XP	35	060	Top																
K26EM...FOR-TX	8	015	Top	K83M...FORY-XP	35	060	Top																
K26EM...FORY-TX	9	015	Top	K83M...U	35	060	Top																
K26EM...TX	8	015	Top	K83M...XFOR-TXC	37	065	Top																
K26M...FOR-TX	8	014	Top	K83M...XP	35	060	Top																



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P60EM...				33	057	Plus	00MF...			43-44	082-084	Line	E60MF...V			59	122	Line					
P60EM...FOR				33	057	Plus	00MF...LH			44	085	Line	E61MF...			60-61	123-126	Line					
P60EM...FOR-XP				33	057	Plus	01MF...			43-44	082-084	Line	E61MF...+0,1			63	129	Line					
P60EM...XP				33	057	Plus	01MF...LH			44	085	Line	E61MF...-4H			63	129	Line					
P60M...				32	056	Plus	03MF...			43-44	082-084	Line	E61MF...-6G			63	129	Line					
P60M...T				32	056	Plus	03MF...LH			44	085	Line	E61MF...-7G			63	129	Line					
P60M...V				32	056	Plus	E20MF...			45	086	Line	E61MF...FOR			62	127	Line					
P60M...XP				32	056	Plus	E20MF...T			45	086	Line	E61MF...FOR-T			62	127	Line					
P61EM...				33	057	Plus	E21MF...			45-46	087-092	Line	E61MF...FOR-TXC			62	127	Line					
P61EM...FOR				33	057	Plus	E21MF...LH			46	093	Line	E61MF...LH			63	128	Line					
P61EM...FOR-XP				33	057	Plus	E21MF...LH-T			46	093	Line	E61MF...LH-T			63	128	Line					
P61EM...XP				33	057	Plus	E21MF...T			46	087-088	Line	E61MF...LH-XP			63	128	Line					
P61M...				32	056	Plus	E24MF...			49	100	Line	E61MF...NC			64	130	Line					
P61M...T				32	056	Plus	E24MF...T			49	100	Line	E61MF...T			60-61	123-126	Line					
P61M...V				32	056	Plus	E24MF...TXC			49	100	Line	E61MF...TXC			62	123-126	Line					
P61M...XP				32	056	Plus	E24MF...V			49	100	Line	E61MF...V			60-61	123-126	Line					
S20M...FOR-TXC				9	016	Top	E25MF...AL			52	106	Line	E71MF...			63	130	Line					
S20M...FORY-TXC				9	016	Top	E25MF...AL-VS			52	106	Line	E71MF...VS			63	130	Line					
S20M...TXC				9	016	Top	E25MF...			50	101-103	Line	E81MF...			64	132	Line					
S24M...FORY-TXC				17	030	Top	E25MF...+0,1			52	105	Line	E81MF...T			64	132	Line					
S24M...TXC				17	030	Top	E25MF...-4H			52	105	Line	E81MF...V			64	132	Line					
S80M...FOR-TXC				35	061	Top	E25MF...-6G			52	105	Line	E81MF...XP			64	132	Line					
S80M...TXC				35	061	Top	E25MF...-7G			52	105	Line	E83MF...			65	133	Line					
V24M...TXC				18	032	Top	E25MF...LH			52	104	Line	E83MF...T			65	133	Line					
V25M...TXC				18	032	Top	E25MF...LH-T			52	104	Line	E83MF...V			65	133	Line					
V82M...TXC				37	064	Top	E25MF...NC			52	106	Plas	E83MF...XP			65	133	Line					
V83M...TXC				37	064	Top	E25MF...T			51	101-103	Line	HM20MF...FOR			49	099	Top					
X2CCEM...FOR-TG				42	077	Top	E25MF...V			50	101-103	Line	HM21MF...FOR			49	099	Top					
X2CCEM...TG				42	077	Top	E25MF...TXC			51	101-103	Line	K21MF...TXC			48	099	Top					
X2CCEM...CT				41	075	Top	E25MF...X-V			54	111	Top	K23MF...FOR-TXC			49	099	Top					
X2CCM...FOR-TG				42	076	Top	E26MF...FOR-CT			46	094	Line	K23MF...FORY-TXC			49	099	Top					
X2CCM...FORY-TG				42	076	Top	E26MF...NQ			46	094	Line	K25MF...U			53	108	Top					
X2CCM...NC				41	075	Top	E26MF...NS			46	094	Line	K25MF...FORY-TXC			54	110	Top					
X2CCM...SP-CT				41	075	Top	E26MF...SP-NQ			46	094	Line	K25MF...FORY-XP			54	108	Top					
X2CCM...SP-NC				41	075	Top	E26MF...SP-NS			46	094	Line	K25MF...HR			54	110	Top					
X2CCM...SP-TG				41	075	Top	E27MF...FOR-CT			47	095	Line	K25MF...TXC			54	110	Top					
X2CCM...TG				41	075	Top	E27MF...NQ			47	095	Line	K25MF...XFORY-TXC			55	111	Top					
X2CCM...TXC				42	076	Top	E27MF...NS			47	095	Line	K25MF...XP			53	108	Top					
X2SCEM...TG				42	077	Top	E27MF...SP-NS			47	095	Line	K25MF...X-TXC			55	111	Top					
X2SCM...CT				41	074	Top	E40MF...			56	115	Line	K27EMF...TX			48	097	Top					
X2SCM...NC				40	074	Top	E40MF...FOR			58	118	Line	K27EMF...FOR-TX			48	097	Top					
X2SCM...SP-CT				41	074	Top	E40MF...FOR-T			58	118	Line	K27EMF...FORY-TX			48	097	Top					
X2SCM...SP-NC				40	074	Top	E40MF...T			56	115	Line	K27MF...TX			47	096	Top					
X2SCM...SP-TG				40	074	Top	E40MF...V			56	115	Line	K27MF...FOR-TX			48	096	Top					
X2SCM...TG				40	074	Top	E40MF...XP			56	115	Line	K27MF...FORY-TX			48	096	Top					
X3CCM...SP-TG				41	075	Top	E41MF...			57	116-117	Line	K42MF...CT			59	120	Top					
X3CCM...TG				41	075	Top	E41MF...FOR			58	118	Line	K42MF...NI			59	121	Top					
X3SCM...SP-TG				41	074	Top	E41MF...FOR-T			58	118	Line	K42MF...NI-4HX			59	121	Top					
X3SCM...TG				41	074	Top	E41MF...T			57	116-117	Line	K42MF...NI-CT			59	121	Top					
XT20M...				10	018	Top	E41MF...V			57	116-117	Line	K42MF...V			59	120	Top					
XT20M...TX				10	018	Top	E41MF...XP			58	116-117	Line	K42MF...V-4HX			59	120	Top					
XT21M...				10	018	Top	E51MF...			55	112	Line	K43MF...CT			59	120	Top					
							E51MF...V			55	112	Line	K43MF...V			59	120	Top					
							E51MF...XP			55	112	Line	K43MF...V-4HX			59	120	Top					
							E60MF...			59	122	Line	K52MF...CT			56	113	Top					
							E60MF...FOR			62	127	Line	K52MF...NI			56	114	Top					
							E60MF...FOR-T			62	127	Line	K52MF...NI-4HX			56	114	Top					
							E60MF...FOR-TXC			62	127	Line	K52MF...NI-CT			56	114	Top					
							E60MF...T			59	122	Line	K52MF...V			55	113	Top					
							E60MF...TXC			60	122	Line	K52MF...V-4HX			56	113	Top					

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Filettatura - Thread	MF		
CODICE - code	pg. list.	pg. cat.	Typ.
K53MF...CT	56	113	Top
K53MF...V	55	113	Top
K53MF...V-4HX	56	113	Top
K81MF...FOR-TXC	66	136	Top
K81MF...HR	66	136	Top
K81MF...TXC	66	136	Top
K83MF...FOR-XP	65	134	Top
K83MF...FORY-XP	65	134	Top
K83MF...U	65	134	Top
K83MF...X-FOR-TXC	66	137	Top
K83MF...X-XP	65	134	Top
K83MF...X-TXC	66	137	Top
P25MF....	53	107	Plas
P25MF...CT	53	107	Plas
P25MF...T	53	107	Plas
P25MF...V	53	107	Plas
P2CCMF...	68	140	Line
P2CCMF...FP	69	142	Line
P2CCMF...FP-T	69	142	Line
P2CCMF...LH	69	143	Line
P2CCMF...LH-T	69	143	Line
P2CCMF...SP	68	140	Line
P2CCMF...SP-T	68	140	Line
P2CCMF...SP-V	68	140	Line
P2CCMF...T	68	140	Line
P2CCMF...V	68	140	Line
P2SCMF...	66	138	Line
P2SCMF...FP	69	142	Line
P2SCMF...FP-T	69	142	Line
P2SCMF...LH	69	143	Line
P2SCMF...LH-T	69	143	Line
P2SCMF...SP	66	138	Line
P2SCMF...SP-T	67	138	Line
P2SCMF...SP-V	67	138	Line
P2SCMF...T	67	138	Line
P2SCMF...V	67	138	Line
P3CCMF...	68	141	Line
P3CCMF...SP	68	141	Line
P3CCMF...SP-T	68	141	Line
P3CCMF...SP-V	68	141	Line
P3CCMF...T	68	141	Line
P3CCMF...V	68	141	Line
P3SCMF...	67	139	Line
P3SCMF...SP	67	139	Line
P3SCMF...SP-T	67	139	Line
P3SCMF...SP-V	67	139	Line
P3SCMF...-T	67	139	Line
P3SCMF...V	67	139	Line
P41MF....	58	119	Plus
P41MF...CT	58	119	Plus
P41MF...T	58	119	Plus
P41MF...V	58	119	Plus
P61MF...	64	131	Plus
P61MF...T	64	131	Plus
P61MF...V	64	131	Plus
P61MF...XP	64	131	Plus
S20MF...FOR-TXC	48	098	Top
S20MF...FORY-TXC	48	098	Top
S20MF...TXC	48	098	Top
S24MF...FORY-TXC	54	109	Top

Filettatura - Thread	MF		
CODICE - code	pg. list.	pg. cat.	Typ.
S24MF...TXC	54	109	Top
S80MF...TXC	65	135	Top
S80MF...FOR-TXC	66	135	Top
V25MF...TXC	54	111	Top
V83MF...TXC	66	137	Top
X2CCMF...FOR-TG	71	146	Top
X2CCMF...TG	71	146	Top
X2CCMF...FOR-TG	70	145	Top
X2CCMF...FORY-TG	70	145	Top
X2CCMF...TG	70	144	Top
X2CCMF...TXC	70	145	Top
X2SCMF...TG	71	146	Top
X2SCMF...TG	70	144	Top
X3CCMF...TG	70	144	Top
X3SCMF...TG	70	144	Top

Filettatura - Thread	UNC		
CODICE - code	pg. list.	pg. cat.	Typ.
01UNC...	72	150	Line
02UNC...	72	150	Line
03UNC...	72	150	Line
00UNC...	72	150	Line
E20UNC...	72	151	Line
E20UNC...T	73	151	Line
E21UNC...	72	151	Line
E21UNC...T	73	151	Line
E24UNC...	74	153	Line
E24UNC...T	74	153	Line
E24UNC...V	74	153	Line
E24UNC...XP	74	153	Line
E25UNC...	74	153	Line
E25UNC...T	74	153	Line
E25UNC...V	74	153	Line
E25UNC...XP	74	153	Line
E26UNC...NQ	73	152	Line
E26UNC...NS	73	152	Line
E26UNC...SP-NQ	73	152	Line
E26UNC...SP-NS	73	152	Line
E27UNC...NQ	73	152	Line
E27UNC...NS	73	152	Line
E40UNC...	76	157	Line
E40UNC...T	76	157	Line
E40UNC...V	76	157	Line
E40UNC...XP	77	157	Line
E41UNC...	76	157	Line
E41UNC...T	76	157	Line
E41UNC...V	76	157	Line
E41UNC...XP	77	157	Line
E60UNC...	77	159	Line
E60UNC...T	78	159	Line
E60UNC...V	78	159	Line
E60UNC...XP	78	159	Line
E61UNC...	77	159	Line
E61UNC...T	78	159	Line
E61UNC...V	78	159	Line
E61UNC...XP	78	159	Line
K24UNC...FORY-XP	75	154	Top

Filettatura - Thread	UNC		
CODICE - code	pg. list.	pg. cat.	Typ.
K24UNC...U	75	154	Top
K24UNC...XP	75	154	Top
K25UNC...FORY-XP	75	154	Top
K25UNC...U	75	154	Top
K25UNC...XP	75	154	Top
K26UNC...FOR-TX	73	152	Top
K26UNC...TX	73	152	Top
K27UNC...FOR-TX	73	152	Top
K27UNC...TX73		152	Top
K42UNC...CT	77	158	Top
K42UNC...V	77	158	Top
K42UNC...V-3BX	77	158	Top
K43UNC...CT	77	158	Top
K43UNC...V	77	158	Top
K43UNC...V-3BX	77	158	Top
K52UNC...CT	75	156	Top
K52UNC...V	75	156	Top
K52UNC...V-3BX	76	156	Top
K53UNC...CT	75	156	Top
K53UNC...V	75	156	Top
K53UNC...V-3BX	76	156	Top
K82UNC...FOR-XP	79	160	Top
K82UNC...FORY-XP	79	160	Top
K82UNC...U	78	160	Top
K82UNC...XP	79	160	Top
K83UNC...FOR-XP	79	160	Top
K83UNC...U	78	160	Top
K83UNC...XP	79	160	Top
P2CCUNC...	80	162	Line
P2CCUNC...T	80	162	Line
P2SCUNC...	79	162	Top
P2SCUNC...T	79	162	Top
V24UNC...TXC	75	155	Top
V25UNC...TXC	75	155	Top
V82UNC...TXC	79	161	Top
V83UNC...TXC	79	161	Top

Filettatura - Thread	UNF		
CODICE - code	pg. list.	pg. cat.	Typ.
00UNF...	81	166	Line
01UNF...	81	166	Line
03UNF...	81	166	Line
E20UNF...	82	167	Line
E20UNF...T	82	167	Line
E21UNF...	82	167	Line
E21UNF...T	82	167	Line
E24UNF...	83	169	Line
E24UNF...T	83	169	Line
E24UNF...V	83	169	Line
E24UNF...XP	83	169	Line
E25UNF...	83	169	Line
E25UNF...T	83	169	Line
E25UNF...V	83	169	Line
E25UNF...XP	83	169	Line
E26UNF...NQ	82	168	Line
E26UNF...NS	82	168	Line
E27UNF...NQ	82	168	Line
E27UNF...NS	82	168	Line

# INDICE PRODOTTI

## PRODUCTS INDEX

Segue - Follow	UNF		
CODICE - code	pg. list.	pg. cat.	Typ.
E40UNF...	85	173	Line
E40UNF...T	85	173	Line
E40UNF...V	85	173	Line
E40UNF...XP	85	173	Line
E41UNF...	85	173	Line
E41UNF...T	85	173	Line
E41UNF...V	85	173	Line
E41UNF...XP	85	173	Line
E60UNF...	86	175	Line
E60UNF...T	86	175	Line
E60UNF...V	86	175	Line
E60UNF...XP	87	175	Line
E61UNF...	86	175	Line
E61UNF...T	86	175	Line
E61UNF...V	86	175	Line
E61UNF...XP	87	175	Line
K24UNF...FORY-XP	84	170	Top
K24UNF...U	84	170	Top
K24UNF...XP	84	170	Top
K25UNF...FORY-XP	84	170	Top
K25UNF...U	84	170	Top
K25UNF...XP	84	170	Top
K27UNF...FOR-TX	83	168	Top
K27UNF...TX	82	168	Top
K42UNF...CT	86	174	Top
K42UNF...V	86	174	Top
K42UNF...V-3BX	86	174	Top
K43UNF...CT	86	174	Top
K43UNF...V	86	174	Top
K43UNF...V-3BX	86	174	Top
K52UNF...CT	84	172	Top
K52UNF...V	84	172	Top
K52UNF...V-3BX	85	172	Top
K53UNF...CT	84	172	Top
K53UNF...V	84	172	Top
K53UNF...V-3BX	85	172	Top
K82UNF...FOR-XP	87	176	Top
K82UNF...FORY-XP	87	176	Top
K82UNF...U	87	176	Top
K82UNF...XP	87	176	Top
K83UNF...FOR-XP	87	176	Top
K83UNF...FORY-XP	87	176	Top
K83UNF...U	87	176	Top
K83UNF...XP	87	176	Top
P2CCUNF...	88	178	Line
P2CCUNF...T	88	178	Line
P2SCUNF...	88	178	Line
P2SCUNF...T	88	178	Line
V24UNF...TXC	84	171	Top
V25UNF...TXC	84	171	Top
V82UNF...TXC	88	177	Top
V83UNF...TXC	88	177	Top

Filettatura - Thread	UNEF		
CODICE - code	pg. list.	pg. cat.	Typ.
E21UNEF...	89	182	Line
E21UNEF...T	89	182	Line
E25UNEF...	89	183	Line
E25UNEF...T	89	183	Line
E61UNEF...	89	184	Line
E61UNEF...XP	89	184	Line

Filettatura - Thread	UNS		
CODICE - code	pg. list.	pg. cat.	Typ.
E20...UNS...	90	185	Line
E20...UNS...T	90	185	Line
E21...UNS...	90	185	Line
E21...UNS...T	90	185	Line

Filettatura - Thread	UN		
CODICE - code	pg. list.	pg. cat.	Typ.
E21-12UN...	91	186	Line
E21-12UN...T	91	186	Line
E21-16UN...	91	186	Line
E21-16UN...T	91	186	Line
E21-20UN...	91	187	Line
E21-20UN...T	91	187	Line
E21-28UN...	91	187	Line
E21-28UN...T	91	187	Line
E21-32UN...	91	187	Line
E21-32UN...T	91	187	Line
E21-8UN...	91	186	Line
E21-8UN...T	91	186	Line

Filettatura - Thread	GAS		
CODICE - code	pg. list.	pg. cat.	Typ.
00G...	92	190	Line
01G...	92	190	Line
03G...	92	190	Line
E21G...	93	191	Line
E21G...T	93	191	Line
E25G...	93	193	Line
E25G...T	94	193	Line
E25G...V	93	193	Line
E25G...XP	94	193	Line
E27G...NQ	93	192	Line
E27G...NS	93	192	Line
E41G...	94	197	Line
E41G...+0,05	95	197	Line
E41G...T	95	197	Line
E41G...V	95	197	Line
E61G...	95	198	Line
E61G...T	95	198	Line
E61G...V	95	198	Line
E61G...XP	95	198	Line
K25G...FORY-XP	94	194	Top
K25G...U	94	194	Top
K25G...XP	94	194	Top
K27G...FOR-TX	93	192	Top

Segue - Follow	GAS		
CODICE - code	pg. list.	pg. cat.	Typ.
K27G...TX	93	192	Top
K83G...FOR-XP	96	199	Top
K83G...FORY-XP	96	199	Top
K83G...U	96	199	Top
K83G...XP	96	199	Top
P2CCG...	96	202	Line
P2CCG...T	96	202	Line
S24G...FORY-TXC	94	195	Top
S24G...TXC	94	195	Top
S80G...FOR-TXC	96	200	Top
S80G...TXC	96	200	Top
V25G...TXC	94	196	Top
V83G...TXC	96	201	Top
X2CCG...FOR-TG	96	202	Top
X2CCG...TG	96	202	Top

Filettatura - Thread	Rp		
CODICE - code	pg. list.	pg. cat.	Typ.
E21RP...	97	204	Line
E21RP...T	97	204	Line

Filettatura - Thread	NPSM		
CODICE - code	pg. list.	pg. cat.	Typ.
E21NPSM...	97	206	Line
E21NPSM...T	97	206	Line

Filettatura - Thread	NPSF		
CODICE - code	pg. list.	pg. cat.	Typ.
E21NPSF...	97	207	Line
E21NPSF...T	97	207	Line

Filettatura - Thread	Rc		
CODICE - code	pg. list.	pg. cat.	Typ.
E21CRC...	97	210	Line
E21CRC...VS	97	210	Line
E21LRC...	98	210	Line
E21LRC...VS	98	210	Line

Filettatura - Thread	NPT		
CODICE - code	pg. list.	pg. cat.	Typ.
E21CNPT...	98	212	Line
E21CNPT...AZ	98	213	Line
E21CNPT...AZ-VS	98	213	Line
E21CNPT...VS	98	212	Line
E21LNPT...	98	212	Line
E21LNPT...AZ	99	213	Line
E21LNPT...AZ-VS	99	213	Line
E21LNPT...VS	98	212	Line

# INDICE PRODOTTI

## PRODUCTS INDEX

Filettatura - Thread		NPTF		
CODICE - code	pg. list.	pg. cat.	Typ.	
E21CNPTF...	99	214	Line	
E21CNPTF...VS	99	214	Line	
E21LNPTF...	99	214	Line	
E21LNPTF...VS	99	214	Line	

Filettatura - Thread		BSW		
CODICE - code	pg. list.	pg. cat.	Typ.	
00W...	100	218	Line	
01W...	100	218	Line	
02W...	100	218	Line	
03W...	100	218	Line	
E20W...	101	219	Line	
E20W...T	101	219	Line	
E21W...	101	219	Line	
E21W...T	101	219	Line	
E24W...	101	220	Line	
E24W...T	101	220	Line	
E24W...V	101	220	Line	
E24W...XP	102	220	Line	
E25W...	101	220	Line	
E25W...T	101	220	Line	
E25W...V	101	220	Line	
E25W...XP	102	220	Line	
E60W...	102	221	Line	
E60W...T	102	221	Line	
E60W...V	102	221	Line	
E60W...XP	102	221	Line	
E61W...	102	221	Line	
E61W...T	102	221	Line	
E61W...V	102	221	Line	
E61W...XP	102	221	Line	

Filettatura - Thread		ISO 529-EGM		
CODICE - code	pg. list.	pg. cat.	Typ.	
529E18M...	104	227	Line	
529E18M...T	104	227	Line	
529E24M...	104	227	Line	
529E24M...T	104	227	Line	
529E26M...NS	104	226	Line	
529E60M...	105	228	Line	
529E60M...XP	105	228	Line	
529E80M...	105	228	Line	
529E80M...XP	105	228	Top	
529K26M...TXC	104	226	Top	
E20EGM...	105	230	Line	
E20EGM...T	105	230	Line	
E21EGM...	105	230	Line	
E21EGM...T	105	230	Line	
E24EGM...	106	231	Line	
E24EGM...XP	106	231	Line	
E25EGM...	106	231	Top	
E25EGM...XP	106	231	Line	
E60EGM...	106	232	Line	
E60EGM...XP	106	232	Line	
E61EGM...	106	232	Line	
E61EGM...XP	106	232	Line	

Filettatura - Thread		DIES		
CODICE - code	pg. list.	pg. cat.	Typ.	
100-99M...	111	236	Line	
100E99XM...	111	236	Line	
100S99M...	111	236	Line	
110-99M...	112	237-239	Line	
110E99XM...	113	237-238	Line	
110S99M...	113	237-238	Line	
200-99W...	116	245	Line	
300-99U...	114	240	Line	
300-S99U...	114	240	Line	
310-99U...	114	241	Line	
310S99U...	114	241	Line	
400-99G...	115	242	Line	
400-E99XG...	115	242	Line	
400S99G...	115	242	Line	
410-99RC...	115	243	Line	
420-99NPT...	115	244	Line	
430-99NPTF...	115	244	Line	
700-99PG...	116	246	Line	

Filettatura - Thread		EPF		
CODICE - code	pg. list.	pg. cat.	Typ.	
EPFALUM...	107	234	Line	
EPFALUM...VS	107	234	Line	
EPFM...	107	234	Line	
EPFM...VS	107	234	Line	
EPFMF...	107	234	Line	
EPFMF...VS	107	234	Line	

Filettatura - Thread		PG		
CODICE - code	pg. list.	pg. cat.	Typ.	
E21PG...	103	222	Line	
E21PG...T	103	222	Line	
E25PG...	103	222	Line	
E25PG...T	103	222	Line	

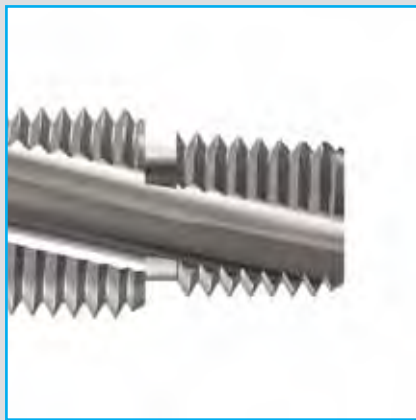
Filettatura - Thread		GO / NO-GO		
CODICE - code	pg. list.	pg. cat.	Typ.	
P-NPG...	110	203	Line	
P-NPM...	108	79	Line	
P-NPMF...	108	147-148	Line	
P-NPNPT...	110	215	Line	
P-NPNPTF...	110	215	Line	
P-NPRC...	110	211	Line	
P-NPUNC...	109	163	Line	
P-NPUNEF...	109	188	Line	
P-NPUNF...	109	179	Line	

Filettatura - Thread		Tr (TPN)		
CODICE - code	pg. list.	pg. cat.	Typ.	
E21TPN...	103	223	Line	
E21TPN...V	103	223	Line	
E21TPN...LH	103	223	Line	
E21TPN...LH-V	103	223	Line	

Filettatura - Thread		Rd		
CODICE - code	pg. list.	pg. cat.	Typ.	
E21RD...	104	224	Line	
E21RD...T	104	224	Line	







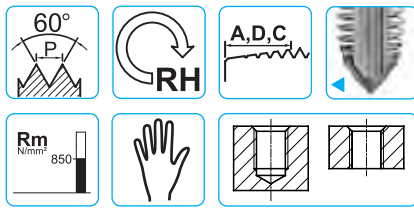
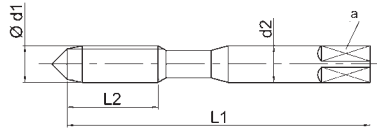




Un maschio per ogni impiego  
*A tap for every application*

COMPLETE RANGE



DIN  
352

LINE

A  
5-6

LINE

D  
4-5

LINE

C  
2-3

LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

2xD

HSS

-

BR

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

2xD

HSS

-

BR

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

2xD

HSS

ISO2/6H

BR

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

2xD

HSS

ISO2/6H

BR

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

DIN 352	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
2	0,4	36	8	2,8	2,1	3	1,6	
2,5	0,45	40	9	2,8	2,1	3	2,05	
2,6	0,45	40	9	2,8	2,1	3	2,1	
3	0,5	40	9	3,5	2,7	3	2,5	
3,5	0,6	45	10	4	3	3	2,9	
4	0,7	45	11	4,5	3,4	3	3,3	
4,5	0,75	50	13	6	4,9	3	3,7	
5	0,8	50	13	6	4,9	3	4,2	
6	1	56	15	6	4,9	3	5	

CODICE - CODE

01M...

02M...

03M...

00M...

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Segue diametri  
Diameters, to be continued

Pag. 3

Confezione: Singola  
Box: Single

€ Pagina listino - Price list page

1

1

2

1

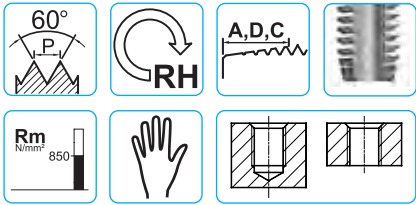
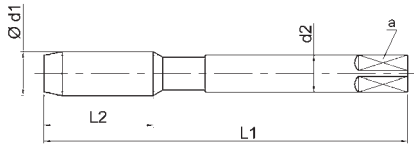
● Standard  
● Standard○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list★ Solo a richiesta  
★ Only on request



**N** USO GENERALE  
General purpose

**MASCHI A MANO** HAND TAPS

DIN 352



Profondità di filettatura - Thread depth  
Materiale - Material  
Tolleranza - Tolerance  
Trattamento superficiale - Surface treatment

2xD	2xD	2xD	2xD
HSS	HSS	HSS	HSS
-	-	ISO2/6H	ISO2/6H
BR	BR	BR	BR

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4
4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4
5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3

DIN 352	Ød1 M	P mm	L1	L2	d2 h9	a h12	Z	Icona
	7	1	56	16	6	4,9	3	6
	8	1,25	63	19	6	4,9	3	6,8
	9	1,25	63	19	7	5,5	3	7,8
	10	1,5	70	22	7	5,5	3	8,5
	11	1,5	70	22	8	6,2	3	9,5
	12	1,75	75	28	9	7	4	10,30
	14	2	80	30	11	9	4	12
	16	2	80	30	12	9	4	14
	18	2,5	95	34	14	11	4	15,5
	20	2,5	95	34	16	12	4	17,5
	22	2,5	100	34	18	14,5	4	19,5
	24	3	110	38	18	14,5	4	21
	27	3	110	38	20	16	4	24
	30	3,5	125	45	22	18	4	26,5
	33	3,5	125	45	25	20	4	29,5
	36	4	150	55	28	22	4	32
	39	4	150	55	32	24	4	35
	42	4,5	150	60	32	24	5	37,5
	45	4,5	160	60	36	29	5	40,5
	48	5	180	65	36	29	6	43
	52	5	180	65	40	32	6	47
	56	5,5	180	65	40	32	6	50,5
	60	5,5	200	65	45	35	6	54,5
	64	6	220	65	50	39	6	58
	68	6	220	65	50	39	6	62

CODICE - CODE			
01M...	02M...	03M...	00M...
*	*	○	○
*	*	●	●
*	*	○	○
*	*	●	●
*	*	○	○
*	*	●	●
*	*	●	●
*	*	●	●
*	*	●	●
*	*	○	●
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	*
*	*	○	*
*	*	*	*

Confezione: Singola Box: Single    € Pagina listino - Price list page    1    1    2    1

● Standard    ○ Disponibilità da richiedere, prezzo a listino    ★ Solo a richiesta  
● Standard    ○ Lead time on enquiry, standard price-list    ★ Only on request

# M

## Filettatura metrica ISO passo grosso DIN 13

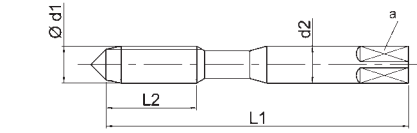
ISO Metric coarse thread DIN 13  
 Metrisches ISO-Regelgewinde DIN13 – Handgewindebohrer  
 Filetage métrique ISO DIN 13 – Tarauds à main  
 Rosca ISO métrica regular DIN13 – Machos de rosca a mano



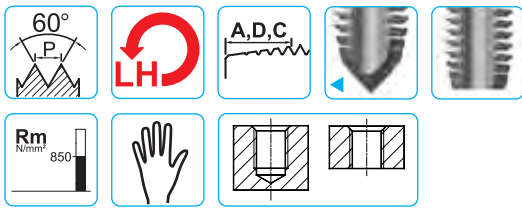
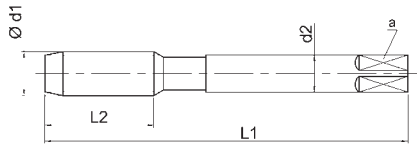
### MASCHI A MANO, FILETTATURA SINISTRA LEFT HAND TAPS

**N** USO GENERALE  
 General purpose

DIN 352



DIN 352



Profondità di filettatura - Thread depth	2XD	2xD	2xD	2xD
Materiale - Material	HSS	HSS	HSS	HSS
Tolleranza - Tolerance	-	-	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	BR	BR	BR
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4
	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4
	5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3

DIN 352	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	40	9	3,5	2,7	3	2,5	
4	0,7	45	11	4,5	3,4	3	3,3	
5	0,8	50	13	6	4,9	3	4,2	
6	1	56	15	6	4,9	3	5	
8	1,25	63	19	6	4,9	3	6,8	
10	1,5	70	22	7	5,5	3	8,5	
12	1,75	75	28	9	7	4	10,30	
14	2	80	30	11	9	4	12	
16	2	80	30	12	9	4	14	
18	2,5	95	34	14	11	4	15,5	
20	2,5	95	34	16	12	4	17,5	
22	2,5	100	34	18	14,5	4	19,5	
24	3	110	38	18	14,5	4	21	
27	3	110	38	20	16	4	24	
30	3,5	125	45	22	18	4	26,5	

CODICE - CODE	01M...LH				02M...LH				03M...LH				00M...LH			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
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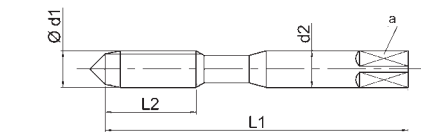
INOX

ACCIAIO INOSSIDABILE

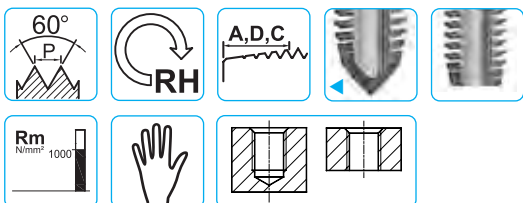
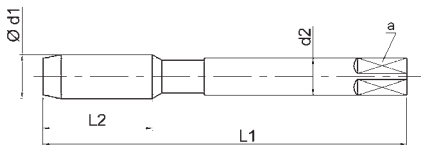
Stainless steel

MASCHI A MANO HAND TAPS

DIN 352



DIN 352



LINE



A 5-6

LINE



D 4-5

LINE



C 2-3

LINE



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

	A 5-6	D 4-5	C 2-3	
2xD	2xD	2xD	2xD	2xD
HSS	HSS	HSS	HSS	HSS
-	-	6HX	6HX	6HX
VS	VS	VS	VS	VS
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 3.1 3.2 3.3	2.1 2.2 2.3 3.1 3.2 3.3	2.1 2.2 2.3 3.1 3.2 3.3	2.1 2.2 2.3 3.1 3.2 3.3	2.1 2.2 2.3 3.1 3.2 3.3
3.4 4.1 4.2 4.3 4.4	3.4 4.1 4.2 4.3 4.4	3.4 4.1 4.2 4.3 4.4	3.4 4.1 4.2 4.3 4.4	3.4 4.1 4.2 4.3 4.4
5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3

DIN 352	Ød1 M	P mm	L1	L2	d2 h9	a h12	Z	Z	
3	0,5	40	9	3,5	2,7	3	2,5		
4	0,7	45	11	4,5	3,4	3	3,3		
5	0,8	50	13	6	4,9	3	4,2		
6	1	56	15	6	4,9	3	5		
8	1,25	63	19	6	4,9	3	6,8		
10	1,5	70	22	7	5,5	3	8,5		
12	1,75	75	28	9	7	4	10,30		
14	2	80	30	11	9	4	12		
16	2	80	30	12	9	4	14		
18	2,5	95	34	14	11	4	15,5		
20	2,5	95	34	16	12	4	17,5		

01M...X-VS	CODICE - CODE			00M...X-VS
	02M...X-VS	03M...X-VS		
*	*	*	*	
*	*	○	●	
*	*	○	●	
*	*	○	●	
*	*	○	●	
*	*	○	●	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	

Confezione: Singola Box: Single	€ Pagina listino - Price list page	3	3	3	3
● Standard	○ Disponibilità da richiedere, prezzo a listino	★ Solo a richiesta			
● Standard	○ Lead time on enquiry, standard price-list	★ Only on request			

# M

## Filettatura metrica ISO passo grosso DIN 13

### ISO Metric coarse thread DIN 13

Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer

Filetage métrique ISO DIN 13 – Tarauds machine

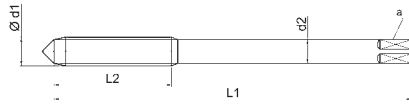
Rosca ISO métrica regular DIN13 – Machos de rosca a máquina

N

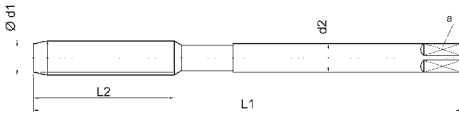
USO GENERALE  
General purpose

## MASCHI A MACCHINA MACHINE TAPS

DIN 357



DIN 357



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



1,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

LINE



1,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

LINE



3xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

DIN 357	ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	3	0,5	70	22	2,2	1,75	3	2,5
	4	0,7	90	25	2,8	2,1	3	3,3
	5	0,8	100	28	3,5	2,7	3	4,2
	6	1	110	32	4,5	3,4	3	5
	8	1,25	125	40	6	4,9	3	6,8
	10	1,5	140	45	7	5,5	3	8,5
	12	1,75	180	50	9	7	3	10,30
	14	2	200	56	11	9	3	12
	16	2	200	63	12	9	3	14



Tre Linee di prodotti! Ma allora, dico, qui trovo proprio tutto!

3 lines of products! Here I find whatever I need!

	CODICE - CODE		
	10FCM...	10FPM...	12FPM...
	*	*	*
	o	o	o
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	o	o	o
	o	o	o
	o	o	o
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	o	o	o
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	o	o	o

Confezione: Singola  
Box: Single

€ Pagina listino - Price list page

3

3

3

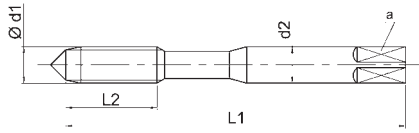
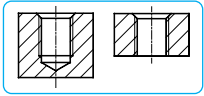
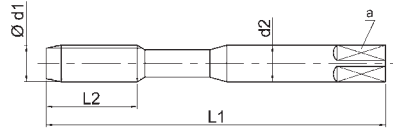
● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

**OT**
**OTTONE**

Brass

**MASCHI A MACCHINA MACHINE TAPS**
**DIN 371**

**DIN 371**


Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

 Numero gruppi materiali  
 Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	CrN	BR	TiCN
5.3	5.3	5.3	5.3
8.2 8.3	8.2 8.3	8.2 8.3	8.2 8.3

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	2	2,5
◀	4	0,7	63	13	4,5	3,4	2	3,3
◀	5	0,8	70	13	6	4,9	2	4,2
◀	6	1	80	16	6	4,9	2	5
	8	1,25	90	18	8	6,2	2	6,8
	10	1,5	100	20	10	8	2	8,5
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
	8	1,25	90	18	8	6,2	3	6,8
	10	1,5	100	20	10	8	3	8,5

LANCIAM...		CODICE - CODE LANCIAM...NC	
•	○	-	-
•	○	-	-
•	○	-	-
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		E20M...-OT	E20M...-OT-CT
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○



# M Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

Metrisches ISO-Regelgewinde DIN 13 – Maschinengewindebohrer

Filetage métrique ISO DIN 13 – Tarauds machine

Rosca ISO métrica regular DIN 13 – Machos de roscar a máquina

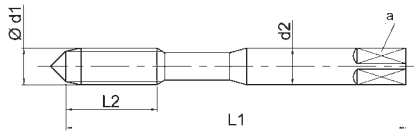


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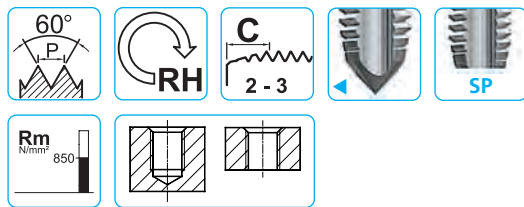
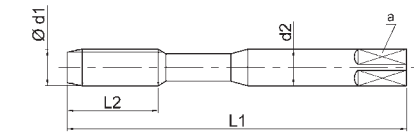
USO GENERALE  
General purpose

## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 371



LINE



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

8.2

1,5xD

HSSE

ISO2/6H

V

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

8.2

1,5xD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

8.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
new 1	0,25	40	5	2,5	2,1	-	0,75	
new 1,2	0,25	40	5	2,5	2,1	-	0,95	
new 1,4	0,3	40	7	2,5	2,1	-	1,1	
new 1,6	0,35	40	8	2,5	2,1	-	1,25	
new 1,7	0,35	40	8	2,5	2,1	-	1,35	
new 1,8	0,35	40	8	2,5	2,1	-	1,45	
2	0,4	45	9	2,8	2,1	3	1,6	
2,2	0,45	45	9	2,8	2,1	3	1,75	
2,3	0,4	45	9	2,8	2,1	3	1,9	
2,5	0,45	50	9	2,8	2,1	3	2,05	
2,6	0,45	50	9	2,8	2,1	3	2,10	
3	0,5	56	10	3,5	2,7	3	2,5	
3,5	0,6	56	11	4	3	3	2,9	
4	0,7	63	13	4,5	3,4	3	3,3	
4,5	0,75	70	13	6	4,9	3	3,7	
5	0,8	70	13	6	4,9	3	4,2	
6	1	80	16	6	4,9	3	5	
7	1	80	16	7	5,5	3	6	
8	1,25	90	18	8	6,2	3	6,8	
9	1,25	90	18	9	7	3	7,8	
10	1,5	100	20	10	8	3	8,5	
8	1,25	90	18	8	6,2	3	6,8	
10	1,5	100	20	10	8	3	8,5	

CODICE - CODE

E20M...

E20M...V

E20M...T

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Segue diametri  
Diameters, to be continued

Pag. 9

Confezione / Box:  
M1 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

● Standard  
● Standard

4

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

4

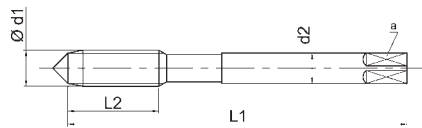
5

★ Solo a richiesta  
★ Only on request

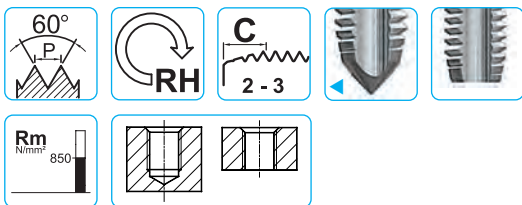
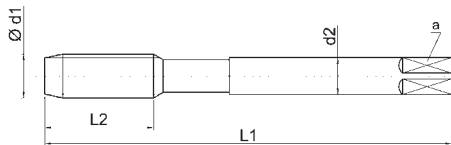
**N** **USO GENERALE**  
 General purpose

**MASCHI A MACCHINA** MACHINE TAPS

DIN 376



DIN 376



LINE



LINE



LINE



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

<b>1,5XD</b>	<b>1,5xD</b>	<b>1,5xD</b>
<b>HSSE</b>	<b>HSSE</b>	<b>HSSE</b>
<b>ISO2/6H</b>	<b>ISO2/6H</b>	<b>ISO2/6H</b>
<b>BR</b>	<b>V</b>	<b>TiN</b>
1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4
4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3
8.2	8.2	8.2

Numero gruppi materiali  
 Material's groups number

DIN 376	ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Z	
◀	4	0,7	63	13	2,8	2,1	3	3,3	
◀	5	0,8	70	13	3,5	2,7	3	4,2	
◀	6	1	80	16	4,5	3,4	3	5	
◀	8	1,25	90	18	6	4,9	3	6,8	
◀	10	1,5	100	20	7	5,5	3	8,5	
	11	1,5	100	20	8	6,2	3	9,5	
	12	1,75	110	25	9	7	3	10,3	
	14	2	110	28	11	9	3	12	
	16	2	110	28	12	9	3	14	
	18	2,5	125	33	14	11	4	15,5	
	20	2,5	140	33	16	12	4	17,5	
	22	2,5	140	33	18	14,5	4	19,5	
	24	3	160	39	18	14,5	4	21	
	27	3	160	39	20	16	4	24	
	30	3,5	180	46	22	18	4	26,5	
	33	3,5	180	46	25	20	4	29,5	
	36	4	200	50	28	22	4	32	
	39	4	200	50	32	24	4	35	
	42	4,5	200	55	32	24	5	37,5	
■	45	4,5	220	60	36	29	5	40,5	
■	48	5	250	65	36	29	6	43	
■	52	5	250	65	40	32	6	47	
■	*56	5,5	280	70	45	35	6	50,5	
■	*60	5,5	280	70	45	35	6	54,5	
■	*64	6	315	80	50	39	6	58	

■ = Acciaio HSS / HSS Steel

\* Disponibile finitore di serie codice: 03M... pag. 3  
 Available finishing hand tap code: 03M... pag. 3

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page ● Standard ● Standard	5 ○ Disponibilità da richiedere, prezzo a listino ○ Lead time on enquiry, standard price-list	5 ○	5 ★ Solo a richiesta ★ Only on request
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## Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

Metrisches ISO-Regelgewinde DIN 13 – Maschinengewindebohrer

Filetage métrique ISO DIN 13 – Tarauds machine

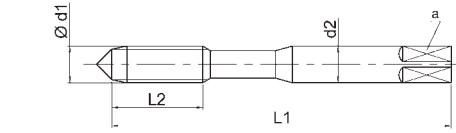
Rosca ISO métrica regular DIN 13 – Machos de roscar a máquina

### MASCHI A MACCHINA, FILETTATURA SINISTRA MACHINE TAPS

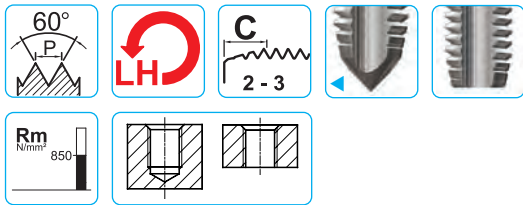
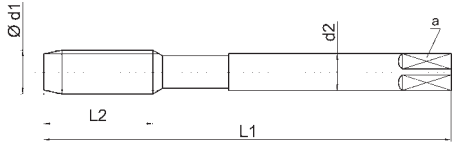
N

USO GENERALE  
General purpose

DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



LINE



LINE



1,5xD

1,5xD

1,5xD

HSSE

HSSE

HSSE

ISO2/6H

ISO2/6H

ISO2/6H

BR

V

TiN

1.1 1.2 1.3 1.4 3.4

1.1 1.2 1.3 1.4 3.4

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

4.2 4.3 5.2 5.3

4.2 4.3 5.2 5.3

8.2

8.2

8.2

DIN 371	$\varnothing d_1$ M	P mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5,0
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

E20M...LH	CODICE - CODE	
	E20M...LH-V	E20M...LH-T
○	○	○
○	○	○
●	○	○
●	○	○
●	○	○
●	○	○

DIN 376	$\varnothing d_1$ M	P mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12,0
	16	2	110	28	12	9	3	14,0
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21,0
	27	3	160	39	20	16	4	24,0
	30	3,5	180	46	22	18	4	26,5
	33	3,5	180	46	25	20	4	29,5
	36	4	200	50	28	22	4	32,0
	39	4	200	50	32	24	4	35,0
	42	4,5	200	55	32	24	5	37,5
■	45	4,5	220	60	36	29	5	40,5
■	48	5	250	65	36	29	6	43,0

E21M...LH	CODICE - CODE	
	E21M...LH-V	E21M...LH-T
●	○	○
●	○	○
●	○	○
●	○	○
●	○	○
○	○	○
●	○	○
●	○	○
●	○	○
●	○	○
*	*	*
*	*	*
*	*	*
*	*	*
*	*	*

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

● Standard  
● Standard

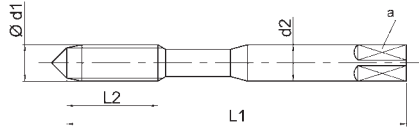
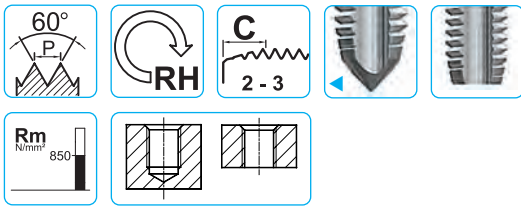
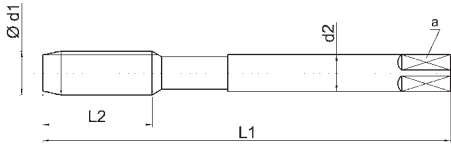
5

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

6

6

★ Solo a richiesta  
★ Only on request

**Al-Cu-Fe**
**ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm²**
**Aluminium, Cooper, Steel R ≤ 700 N/mm²**
**MASCHI A MACCHINA MACHINE TAPS**
**DIN 371**

**DIN 376**

**LINE**

**LINE**

**TOP**


Profondità di filettatura - Thread depth	1,5xD	1,5xD	1,5xD
Materiale - Material	HSSE	HSSE	HSSE
Tolleranza - Tolerance	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	V	TXC
Numero gruppi materiali Material's groups number	1.1	1.1	1.1
	4.1 4.2	4.1 4.2	4.1 4.2
	5.1 5.2	5.1 5.2	5.1 5.2
	8.1	8.1	8.1

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	<b>3</b>	<b>0,5</b>	56	10	3,5	2,7	3	2,5
◀	<b>4</b>	<b>0,7</b>	63	13	4,5	3,4	3	3,3
◀	<b>5</b>	<b>0,8</b>	70	13	6	4,9	3	4,2
◀	<b>6</b>	<b>1</b>	80	16	6	4,9	3	5
◀	<b>7</b>	<b>1</b>	80	16	7	5,5	3	6
◀	<b>8</b>	<b>1,25</b>	90	18	8	6,2	3	6,8
◀	<b>10</b>	<b>1,5</b>	100	20	10	8	3	8,5

E20M...AZ	CODICE - CODE	
	E20M...AZ-V	E20M...AZ-TXC
○	○	○
●	○	○
●	○	○
●	○	○
○	○	○
●	○	○
●	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	<b>12</b>	<b>1,75</b>	110	25	9	7	3	10,3
	<b>14</b>	<b>2</b>	110	28	11	9	3	12
	<b>16</b>	<b>2</b>	110	28	12	9	3	14

E21M...AZ	CODICE - CODE	
	E21M...AZ-V	E21M...AZ-TXC
○	○	○
○	○	○
○	○	○

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	6	6	6
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

# M

## Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13  
 Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer  
 Filetage métrique ISO DIN 13 – Tarauds machine  
 Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

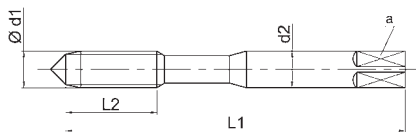


GG

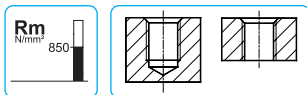
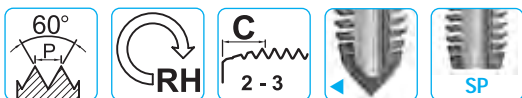
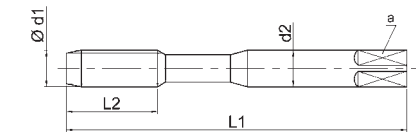
GHISA  
Cast Iron

### MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 371



Profondità di filettatura - Thread depth	3xD	3xD	3,5xD	3,5xD
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	6HX	6HX	6HX	6HX
Trattamento superficiale - Surface treatment	NQ	NS	NS	TiCN
Al Si > 10%, Ottone / Brass Bronzo / and Bronze a truciolo corto / with short chip	3.1 3.2 3.3 3.4 3.5 4.3 4.4 4.5 4.6 5.3 8.2 10.1	3.1 3.2 3.3 3.4 3.5 4.3 4.4 4.5 4.6 5.3 8.2 10.1	3.1 3.2 3.3 3.4 3.5 4.3 4.4 4.5 4.6 5.3 8.2 10.1	3.1 3.2 3.3 3.4 3.5 4.3 4.4 4.5 4.6 5.3 8.2 10.1

Numero gruppi materiali  
Material's groups number

DIN 371	Ød1 M	P mm	L1	L2	d2 h9	a h12	Z	
3	0,5	56	10	3,5	2,7	3	2,5	
4	0,7	63	13	4,5	3,4	3	3,3	
5	0,8	70	13	6	4,9	3	4,2	
6	1	80	16	6	4,9	3	5	
7	1	80	16	7	5,5	3	6	
8	1,25	90	18	8	6,2	4	6,8	
9	1,25	90	18	9	7	4	7,8	
10	1,5	100	20	10	8	4	8,5	

6	1	80	16	6	4,9	3	5
8	1,25	90	18	8	6,2	4	6,8
10	1,5	100	20	10	8	4	8,5

CODICE - CODE		CODICE - CODE		CODICE - CODE		CODICE - CODE	
E26M...NQ	E26M...NS	E26M...SP-NQ	E26M...SP-NS	E26M...FOR-NS	E26M...FOR-CT	E26M...NQ	E26M...NS
○	○	○	●	*	○	○	○
○	●	○	●	*	○	○	○
○	●	○	●	*	○	○	○
○	○	○	○	*	○	○	○
○	●	○	●	*	○	○	○
○	○	○	○	*	○	○	○
○	●	○	●	*	○	○	○



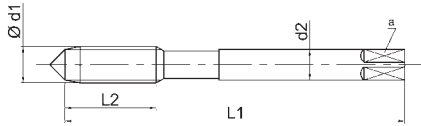
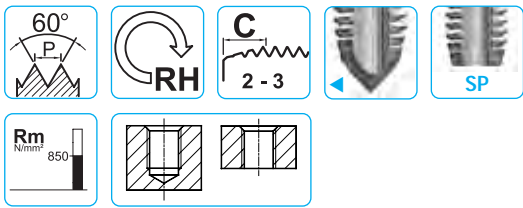
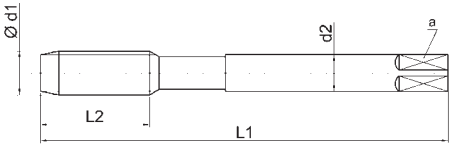
Disponibili anche in edizione PM elicoidale a 25° pag. 62

Disposable in helicoidal 25° PM steel page 62

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	7	7	7	7
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	



**GG** **GHISA**  
Cast Iron

**MASCHI A MACCHINA MACHINE TAPS**
**DIN 376**

**DIN 376**


Profondità di filettatura - *Thread depth*

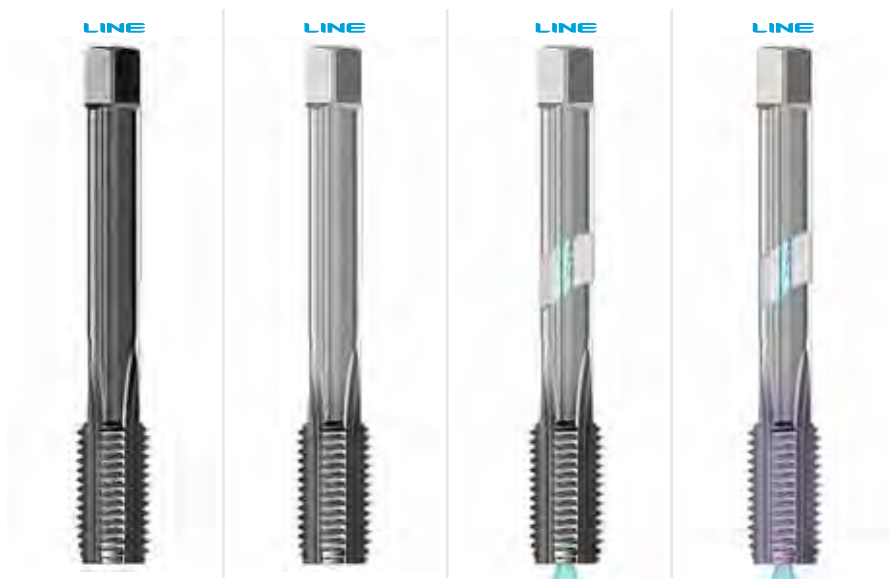
Materiale - *Material*

Tolleranza - *Tolerance*

Trattamento superficiale - *Surface treatment*

Al Si > 10%,  
Ottone / *Brass*  
Bronzo / *and Bronze*  
a truciolo corto / *with short chip*

Numero gruppi materiali  
*Material's groups number*



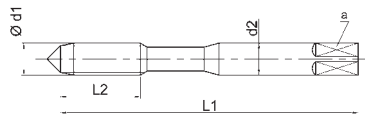
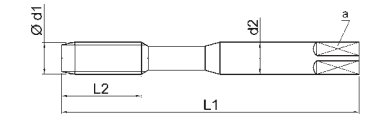
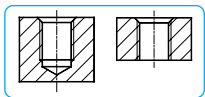
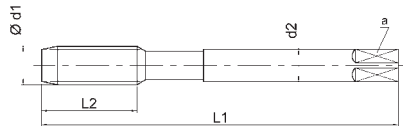
3xD	3xD	3,5xD	3,5xD
HSSE	HSSE	HSSE	HSSE
6HX	6HX	6HX	6HX
<b>NQ</b>	<b>NS</b>	<b>NS</b>	<b>TiCN</b>
3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5
4.3 4.4 4.5 4.6 5.3	4.3 4.4 4.5 4.6 5.3	4.3 4.4 4.5 4.6 5.3	4.3 4.4 4.5 4.6 5.3
8.2 10.1	8.2 10.1	8.2 10.1	8.2 10.1

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1,25	90	18	6	4,9	4	6,8
◀	10	1,5	100	20	7	5,5	4	8,5
	12	1,75	110	25	9	7	4	10,3
	14	2	110	28	11	9	4	12
	16	2	110	28	12	9	4	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5
	8	1,25	90	18	6	4,9	4	6,8
	10	1,5	100	20	7	5,5	4	8,5

CODICE - CODE			
E27M...NQ	E27M...NS	E27M...FOR-NS	E27M...FOR-CT
○	○	-	-
○	○	-	-
○	●	*	○
○	●	*	○
○	●	*	○
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
E27M...SP-NQ	E27M...SP-NS		
○	●		
○	●		

Confezione / <i>Box:</i> M3 – M10: 10 pezzi / <i>pcs</i> M12 – M16: 5 pezzi / <i>pcs</i>	€ Pagina listino - <i>Price list page</i>	7	7	7	7
	● Standard	○ Disponibilità da richiedere, prezzo a listino		★ Solo a richiesta	
	● Standard	○ Lead time on enquiry, standard price-list		★ Only on request	

## MASCHI A MACCHINA MACHINE TAPS

DIN  
371DIN  
371DIN  
376

TOP



TOP



TOP



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Al Si > 10%,  
Ottone / Brass  
Bronzo / and Bronze  
a truciolo corto / with short chip

Numero gruppi materiali  
Material's groups number

3xD

PM3

6HX

TiAlN

3.1 3.2 3.3 3.4 3.5

4.4 5.3 5.4

10.1

3,5xD

PM3

6HX

TiAlN

3.1 3.2 3.3 3.4 3.5

4.4 5.3 5.4

10.1

3,5xD

PM3

6HX

TiAlN

3.1 3.2 3.3 3.4 3.5

4.4 5.3 5.4

10.1

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	4	5
◀	8	1,25	90	18	8	6,2	4	6,8
◀	10	1,5	100	20	10	8	4	8,5
	6	1	80	16	6	4,9	4	5
	8	1,25	90	18	8	6,2	4	6,8
	10	1,5	100	20	10	8	4	8,5

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	4	10,3
	14	2	110	28	11	9	4	12
	16	2	110	28	12	9	4	14
new	18	2,5	125	33	14	11	5	15,5
new	20	2,5	140	33	16	12	5	17,5
new	22	2,5	140	33	18	14,5	5	19,5
new	24	3	160	39	18	14,5	5	21

CODICE - CODE

K26M...TX

•

•

•

•

•

K26M...SP-TX

○

○

○

K26M...FOR-TX

○

○

○

K26M...FOR-TX

○

○

○

CODICE - CODE

K27M...TX

•

•

•

○

○

○

K27M...FOR-TX

○

○

○

★

★

★

K27M...FOR-TX

○

○

○

★

★

★

Esecuzione in metallo duro integrale:  
Solid carbide edition at page:

Pag. 19

Confezione / Box:  
M3 – M12: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

• Standard  
• Standard

8

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

8

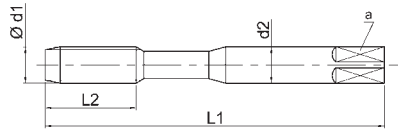
8

★ Solo a richiesta  
★ Only on request

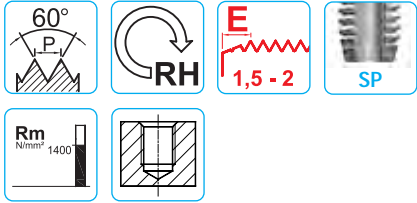
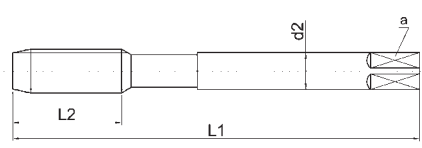
GG GHISA  
 Cast Iron

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 376



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Al Si > 10%,  
 Ottone / Brass  
 Bronzo / and Bronze  
 a truciolo corto / with short chip

3xD	3,5xD	3,5xD
PM3	PM3	PM3
6HX	6HX	6HX
TiAIN	TiAIN	TiAIN
3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5
4.4 5.3	4.4 5.3	4.4 5.3
10.1	10.1	10.1

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	6	1	80	16	6	4,9	4	5
	8	1,25	90	18	8	6,2	4	6,8
	10	1,5	100	20	10	8	4	8,5

CODICE - CODE		
K26EM...TX	K26EM...FOR-TX	K26EM...FOR-TX
○	○	★
○	○	★
○	○	★

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	4	10,3
	14	2	110	28	11	9	4	12
	16	2	110	28	12	9	4	14
new	18	2,5	125	33	14	11	5	15,5
new	20	2,5	140	33	16	12	5	17,5
new	22	2,5	140	33	18	14,5	5	19,5
new	24	3	160	39	18	14,5	5	21

CODICE - CODE		
K27EM...TX	K27EM... FOR-TX	K27EM...FOR-TX
○	○	★
○	○	★
○	○	★
○	★	★
○	★	★
○	★	★
○	★	★

Confezione / Box: M3 – M12: 5 pezzi / pcs  
 Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

8 8 9

● Standard ○ Disponibilità da richiedere, prezzo a listino ★ Solo a richiesta  
 ● Standard ○ Lead time on enquiry, standard price-list ★ Only on request

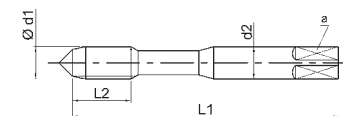
## MASCHI A MACCHINA MACHINE TAPS

## SYNCHRO RIGID

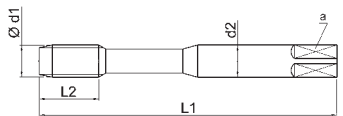
## MASCHIATURA RIGIDA SINCRONIZZATA

### Rigid Tapping Synchro

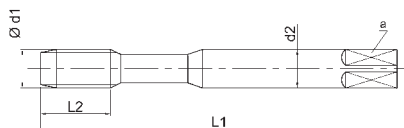
DIN 371



DIN 371



UFS norm



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Ghisa / Cast iron  
Acciaio alta resistenza  
High resistance Steel  
Al Si > 10%

Numero gruppi materiali  
Material's groups number

TOP



TOP



TOP



3xD

3,5xD

3,5xD

PM3

PM3

PM3

6HX

6HX

6HX

TXC

TXC

TXC

1.5 1.6

1.5 1.6

1.5 1.6

3.1 3.2 3.3 3.4 3.5

3.1 3.2 3.3 3.4 3.5

3.1 3.2 3.3 3.4 3.5

4.3 4.4 4.5 4.6 5.3 5.4

4.3 4.4 4.5 4.6 5.3 5.4

4.3 4.4 4.5 4.6 5.3 5.4

8.2 8.3 10.1

8.2 8.3 10.1

8.2 8.3 10.1

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h6	a h12	Z	
6	1	80	10	6	4,9	4	5	
8	1,25	90	13	8	6,2	4	6,8	
10	1,5	100	15	10	8	4	8,5	

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h6	a h12	Z	
12	1,75	110	18	12	9	4	10,3	
14	2	110	20	14	9	4	12	
16	2	110	20	16	12	4	14	

S20M...TXC	CODICE - CODE	
	S20M...FOR-TXC	S20M...FORY-TXC
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

S20M...TXC	CODICE - CODE	
	S20M...FOR-TXC	S20M...FORY-TXC
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A richiesta:  
On request:

Con Weldon DIN1835 B

Confezione / Box:  
M3 - M12: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

9

9

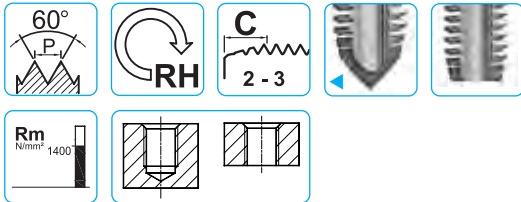
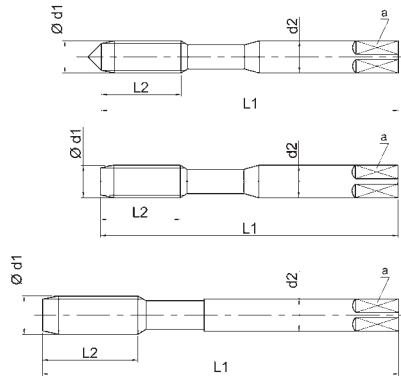
9

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

**HR ALTA RESISTENZA**  
*High Resistance*
**MASCHI A MACCHINA** MACHINE TAPS

**DIN 371**
**DIN 371**
**DIN 376**

**Profondità di filettatura - Thread depth**
**1,5XD**
**3,5xD**
**3,5xD**
**Materiale - Material**
**PM3**
**PM3**
**PM3**
**Tolleranza - Tolerance**
**6HX**
**ISO2/6H**
**ISO2/6H**
**Trattamento superficiale - Surface treatment**
**TXC**
**TXC**
**TXC**

 Al Si > 10%,  
 Ottone / Brass  
 Bronzo / and Bronze  
 a truciolo corto / with short chip

**Numero gruppi materiali**  
*Material's groups number*

1.5	1.6				
4.3	4.4	4.5	4.6	5.3	5.4
8.2	8.3	10.1			

1.3	1.4	1.5	1.6		
3.1	3.2	3.3	3.4	3.5	
4.3	4.4	4.5	4.6	5.3	5.4
8.2	8.3	10.1			

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	5
◀	4	0,7	63	13	4,5	3,4	3	6,8
◀	5	0,8	70	13	6	4,9	3	8,5
◀	6	1	80	16	6	4,9	4	5
	8	1,25	90	18	8	6,2	4	6,8
	10	1,5	100	20	10	8	4	8,5
	6	1	80	16	6	4,9	3	5
	8	1,25	90	18	8	6,2	3	6,8
	10	1,5	100	20	10	8	3	8,5

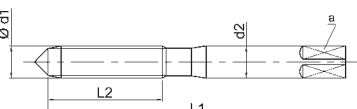
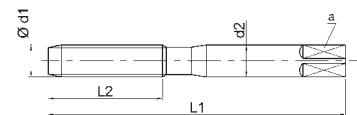
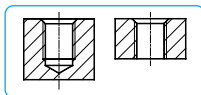
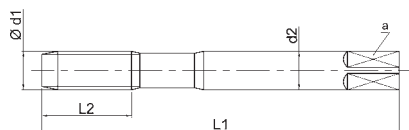
K20M...TXC		CODICE - CODE	
○			
●			
●			
●			
●			
●			
		K22M...FOR-TXC	K22M...FOR-Y-TXC
○		○	★
○		○	★
○		○	★

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	4	10,3
	14	2	110	28	11	9	4	12
	16	2	110	28	12	9	4	14
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	18	2,5	125	33	14	11	3	15,5
	20	2,5	140	33	16	12	3	17,5
	22	2,5	140	33	18	14,5	3	19,5
	24	3	160	39	18	14,5	4	21

K21M...TXC		CODICE - CODE	
●			
○			
○			
		K23M...FOR-TXC	K23M...FOR-Y-TXC
○		○	★
○		○	★
○		○	★
★		★	★
★		★	★
★		★	★
★		★	★

Confezione / Box: M3 – M12: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	9	9	9	9
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	



**MASCHI A MACCHINA** MACHINE TAPS
-DIN  
371-DIN  
371UFS  
norm

TOP



≤ 52HRC

TOP



≤ 52HRC

Profondità di filettatura - Thread depth

2xD

1,5xD

Materiale - Material

PM1

PM1

Tolleranza - Tolerance

6HX

6HX

Trattamento superficiale - Surface treatment

TiAlN

TiAlN

 Numero gruppi materiali  
 Material's groups number

1.6 1.7

1.6 1.7

5.4

5.4

9.1 9.3

9.1 9.3

-DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,7	63	13	4,5	3,4	4	3,3
◀	5	0,8	70	13	6	4,9	4	4,2
◀	6	1	80	16	6	4,9	4	5
	8	1,25	90	18	8	6,2	5	6,8
	10	1,5	100	20	10	8	5	8,5
	6	1	80	18	6	4,9	4	5
	8	1,25	90	25	8	6,2	5	6,8
	10	1,5	100	30	10	8	5	8,5

CODICE - CODE

XT20M...

○

○

○

○

○

XT20M...TX

-

-

-

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	5	10,3
	12	1,75	110	30	12	9	5	10,3

CODICE - CODE

XT21M...

○

XT20M...TX

-

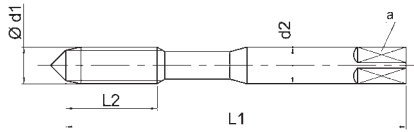
MDI-HM

METALLO DURO INTEGRALE - ALTA RESISTENZA

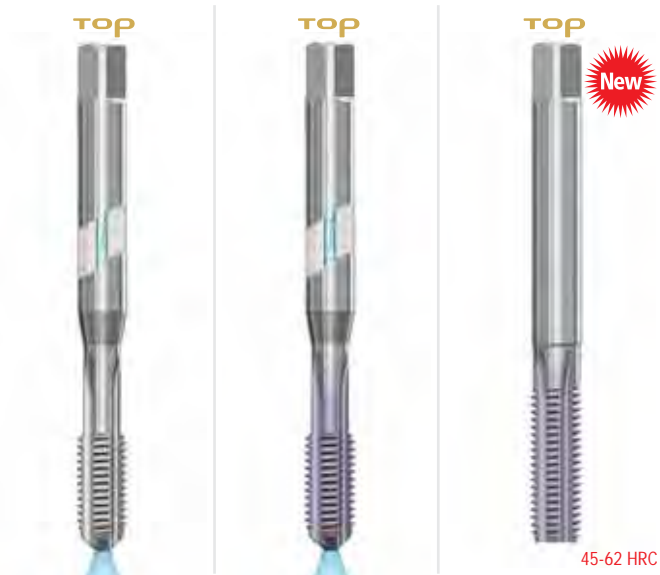
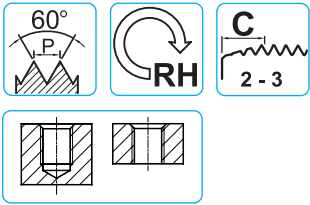
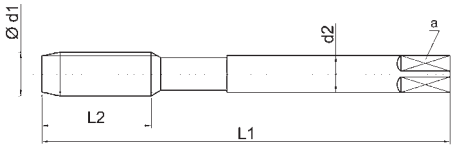
Hard metal - high resistance

MASCHI A MACCHINA MACHINE TAPS

DIN 371



UFS norm



45-62 HRC

Profondità di filettatura - Thread depth	3,5XD
Materiale - Material	MDI-HM
Tolleranza - Tolerance	6HX
Trattamento superficiale - Surface treatment	BR
Ghisa / Cast Iron Al Si > 10%, Ottone / Brass e Bronzo / and Bronze a truciolo corto / with short chip	3.1 3.2 3.3 3.4 3.5 4.3 4.4 4.5 4.6 5.3 5.4 8.2 8.3 10.1
Numero gruppi materiali Material's groups number	3.1 3.2 3.3 3.4 3.5 4.3 4.4 4.5 4.6 5.3 5.4 8.2 8.3 10.1

3,5XD	3,5XD	1,5xD
MDI-HM	MDI-HM	MDI-HM
6HX	6HX	6HX
BR	TICN	TICN
3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	1.7 1.8
4.3 4.4 4.5 4.6	4.3 4.4 4.5 4.6	5.4
5.3 5.4 8.2 8.3	5.3 5.4 8.2 8.3	9.1 9.3
10.1	10.1	

DIN 371	Ød1 M	P mm	L1	L2	d2 h6	a h12	Z	
6	1	80	16	6	4,9	-	5	
8	1,25	90	18	8	6,2	-	6,8	
10	1,5	100	20	10	8	-	8,5	
6	1	80	18	6	4,9	-	5	
8	1,25	90	25	8	6,2	-	6,8	
10	1,5	100	30	10	8	-	8,5	

CODICE - CODE		
HM20M...FOR	HM20M...FOR-CT	
*	*	
*	*	
*	*	
		HM-XT20M...CT
-	-	*
-	-	*
-	-	*

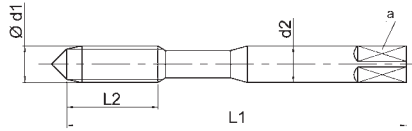
UFS norm	Ød1 M	P mm	L1	L2	d2 h6	a h12	Z	
12	1,75	110	25	9	7	-	10,3	
14	2	110	22	11	9	-	12	
16	2	110	22	12	9	-	14	
18	2,5	125	24	14	11	-	15,5	
20	2,5	140	25	16	12	-	17,5	
12	1,75	110	30	12	9	-	10,3	
16	2	110	40	16	12	-	14,25	

CODICE - CODE		
HM21M...FOR	HM21M...FOR-CT	
*	*	
*	*	
*	*	
*	*	
*	*	
		HM-XT20M...CT
-	-	*
-	-	*

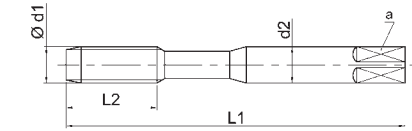
Confezione / Box: M3 - M12: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	10	10	10
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

**MASCHI A MACCHINA MACHINE TAPS**

DIN 371



DIN 371



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

 Numero gruppi materiali  
 Material's groups number

LINE



LINE



LINE



LINE



3xD

3xD

3xD

3xD

HSSE

HSSE

HSSE

HSSE

ISO2/6H

ISO2/6H

ISO2/6H

ISO2/6H

BR

V

TiN

TXC

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

4.1 4.2

4.1 4.2

3.3 3.4

2.1 2.2 3.3 3.4

5.1 5.2

5.1 5.2

4.1 4.2 4.3

4.2 4.3

6.1 7.1

5.1 5.2

5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
new 1	0,25	40	5	2,5	2,1	-	0,75	
new 1,2	0,25	40	5	2,5	2,1	-	0,95	
new 1,4	0,3	40	7	2,5	2,1	-	1,1	
new 1,6	0,35	40	8	2,5	2,1	-	1,25	
new 1,7	0,35	40	8	2,5	2,1	-	1,35	
new 1,8	0,35	40	8	2,5	2,1	-	1,45	
2	0,4	45	9	2,8	2,1	3	1,6	
2,2	0,45	45	9	2,8	2,1	3	1,75	
2,3	0,4	45	9	2,8	2,1	3	1,9	
2,5	0,45	50	9	2,8	2,1	3	2,05	
2,6	0,45	50	9	2,8	2,1	3	2,10	
3	0,5	56	10	3,5	2,7	3	2,5	
3,5	0,6	56	11	4	3	3	2,9	
4	0,7	63	13	4,5	3,4	3	3,3	
4,5	0,75	70	13	6	4,9	3	3,7	
5	0,8	70	13	6	4,9	3	4,2	
6	1	80	16	6	4,9	3	5	
7	1	80	16	7	5,5	3	6	
8	1,25	90	18	8	6,2	3	6,8	
9	1,25	90	18	9	7	3	7,8	
10	1,5	100	20	10	8	3	8,5	

E24M...	CODICE - CODE		
	E24M...V	E24M...T	E24M...TXC
*	-	-	-
*	-	-	-
*	-	-	-
*	-	-	-
*	-	-	-
*	-	-	-
●	○	○	-
○	*	*	*
○	*	*	*
●	○	○	*
○	○	○	*
●	●	●	●
○	*	*	*
●	●	●	●
○	*	*	*
●	●	●	●
○	○	○	*
●	●	●	●
○	○	○	*
●	●	●	●

 Segue diametri  
 Diameters, to be continued

Pag. 21

 Confezione / Box:  
 M1 – M10: 10 pezzi / pcs  
 M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

10

11

11

11

 ● Standard  
 ● Standard

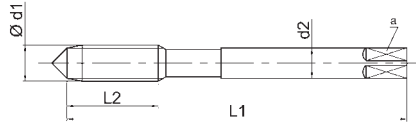
 ○ Disponibilità da richiedere, prezzo a listino  
 ○ Lead time on enquiry, standard price-list

 ★ Solo a richiesta  
 ★ Only on request

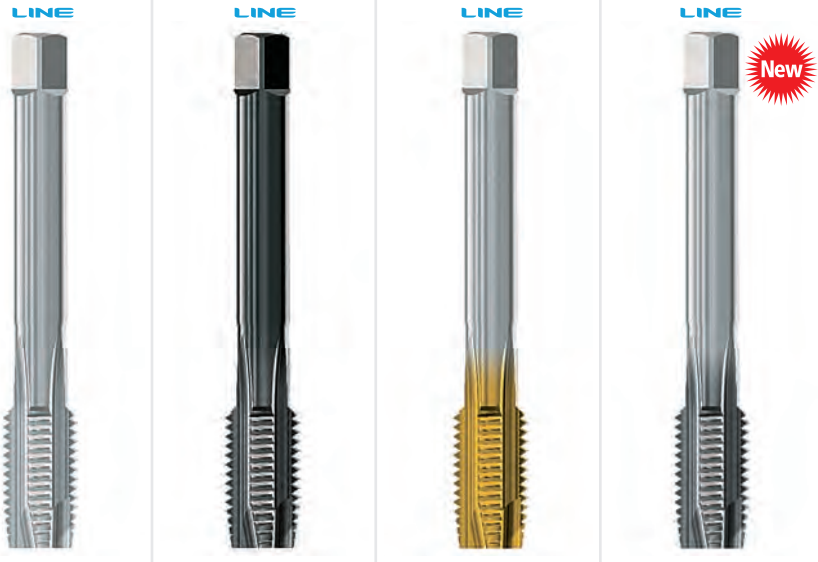
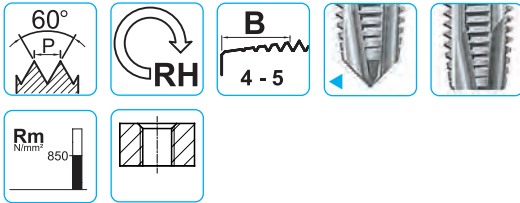
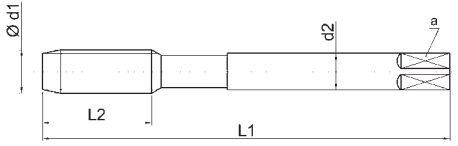
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

DIN 376



DIN 376



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TXC
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 376	$\varnothing d1$ M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
4	0,7	63	13	2,8	2,1	3	3,3	◀
5	0,8	70	13	3,5	2,7	3	4,2	◀
6	1	80	16	4,5	3,4	3	5	◀
8	1,25	90	18	6	4,9	3	6,8	◀
10	1,5	100	20	7	5,5	3	8,5	◀
11	1,5	100	20	8	6,2	3	9,5	
12	1,75	110	25	9	7	3	10,3	
14	2	110	28	11	9	3	12	
16	2	110	28	12	9	3	14	
18	2,5	125	33	14	11	4	15,5	
20	2,5	140	33	16	12	4	17,5	
22	2,5	140	33	18	14,5	4	19,5	
24	3	160	39	18	14,5	4	21	
27	3	160	39	20	16	4	24	
30	3,5	180	46	22	18	4	26,5	
33	3,5	180	46	25	20	4	29,5	
36	4	200	50	28	22	4	32	
39	4	200	50	32	24	4	35	
42	4,5	200	55	32	24	5	37,5	
45	4,5	220	60	36	29	5	40,5	■
48	5	250	65	36	29	6	43	■
52	5	250	65	40	32	6	47	■

■ = Acciaio HSS / HSS Steel

CODICE - CODE			
E25M...	E25M...V	E25M...T	E25M...TXC
○	○	○	-
○	○	○	-
●	○	○	-
●	●	●	●
●	●	●	●
○	○	○	○
●	●	●	●
●	●	●	●
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	★	★	★
○	★	★	★
○	★	★	★
○	★	★	★
○	★	★	★
○	★	★	★

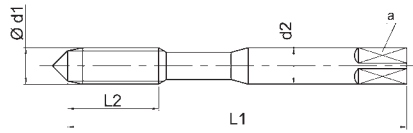
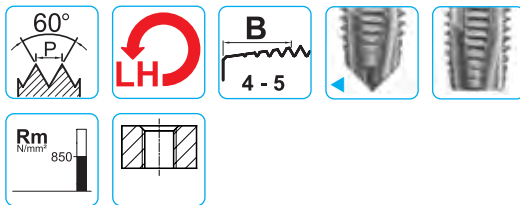
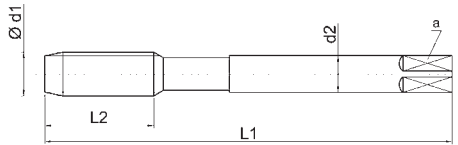
Confezioni / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

11 11 11 12

● Disponibile a stock ○ Disponibilità da richiedere, prezzo a listino ★ Solo a richiesta

● Available in stock ○ Lead time on enquiry, standard price-list ★ Only on request

DIN  
371DIN  
376

LINE



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

3xD

HSSE

ISO2/6H

V

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

6.1 7.1

3xD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5

CODICE - CODE

E24M...LH

E24M...LH-V

E24M...LH-T

\*

◊

◊

●

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CODICE - CODE

E25M...LH

E25M...LH-V

E25M...LH-T

●

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Confezione / Box:

M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

12

● Standard  
● Standard

12

◊ Disponibilità da richiedere, prezzo a listino  
◊ Lead time on enquiry, standard price-list

12

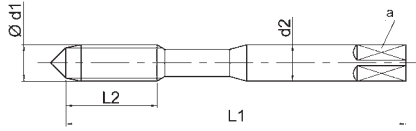
★ Solo a richiesta  
★ Only on request



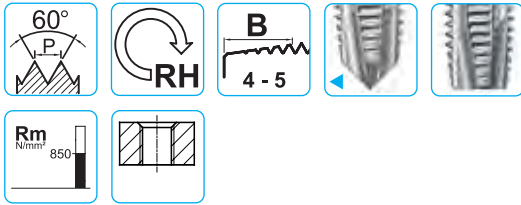
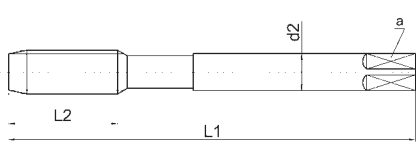
**N** USO GENERALE  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

DIN 371



DIN 376



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO1/4H	ISO1/4H	ISO3/6G	ISO3/6G
BR	TiN	BR	TiN
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	3.3 3.4	4.1 4.2	3.3 3.4
5.1 5.2	4.1 4.2 4.3	5.1 5.2	4.1 4.2 4.3
	5.1 5.2		5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	56	10	3,5	2,7	3	2,5	
4	0,7	63	13	4,5	3,4	3	3,3	
5	0,8	70	13	6	4,9	3	4,2	
6	1	80	16	6	4,9	3	5	
8	1,25	90	18	8	6,2	3	6,8	
10	1,5	100	20	10	8	3	8,5	

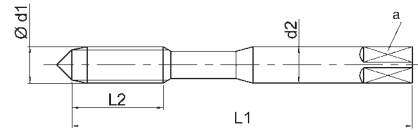
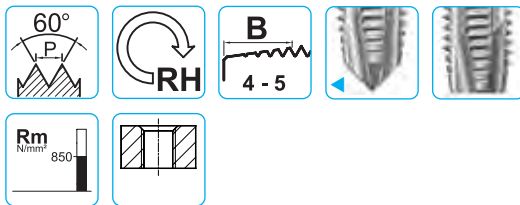
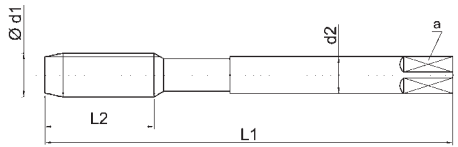
CODICE - CODE			
E24M...-4H	E24M...-T-4H	E24M...-6G	E24M...-T-6G
○	○	●	○
○	○	●	○
○	○	●	○
○	○	●	○
○	○	●	○
○	○	●	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	25	9	7	3	10,3	
14	2	110	28	11	9	3	12	
16	2	110	28	12	9	3	14	
18	2,5	125	33	14	11	4	15,5	
20	2,5	140	33	16	12	4	17,5	
22	2,5	140	33	18	14,5	4	19,5	
24	3	160	39	18	14,5	4	21	
27	3	160	39	20	16	4	24	
30	3,5	180	46	22	18	4	26,5	

CODICE - CODE			
E25M...-4H	E25M...-T-4H	E25M...-6G	E25M...-T-6G
○	○	●	○
○	○	○	○
○	○	●	○
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	12	13	13	13
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	

## MASCHI A MACCHINA MACHINE TAPS

DIN  
371DIN  
376

LINE



LINE



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

HSSE

7G (6H+0,05)

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

3xD

HSSE

7G (6H+0,05)

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

3xD

HSSE

6H+0,1

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

3xD

HSSE

6H+0,1

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5

CODICE - CODE

E24M...-7G

E24M...T-7G

E24M...+0,1

E24M...T+0,1

○

○

○

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○

CODICE - CODE

E25M...-7G

E25M...T-7G

E25M...+0,1

E25M...T+0,1

○

○

●

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Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

13

13

14

14

● Standard  
● Standard

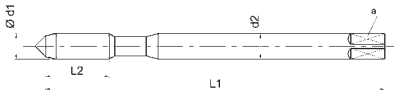
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

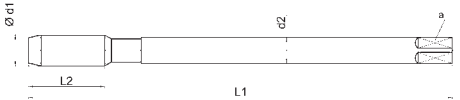
**N** USO GENERALE  
 General purpose

**MASCHI A MACCHINA** MACHINE TAPS

UFS norm



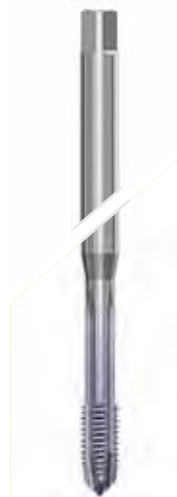
UFS norm



LINE



LINE



60° P<sub>L</sub> RH B 4-5

Rm 850

**GAMBO SHANK XL**

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

3xD	3xD
HSSE	HSSE
ISO2/6H	ISO2/6H
BR	TiCN
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	2.1 2.2 3.3 3.4
5.1 5.2	4.2 4.3
	5.2

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,7	125	12	4,5	3,4	3	3,3
◀	5	0,8	140	14	6	4,9	3	4,2
◀	6	1	160	18	6	4,9	3	5
	8	1,25	180	20	8	6,2	3	6,8
	10	1,5	180	20	10	8	3	8,5

CODICE - CODE	
L24M...	L24M...CT
○	○
○	○
○	○
○	○
○	○

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	225	24	9	7	3	10,3
	14	2	225	26	11	9	3	12
	16	2	225	32	12	9	3	14

CODICE - CODE	
L25M...	L25M...CT
○	○
○	○
○	○

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs

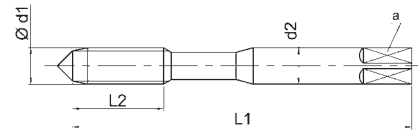
€ Pagina listino - Price list page

14 14

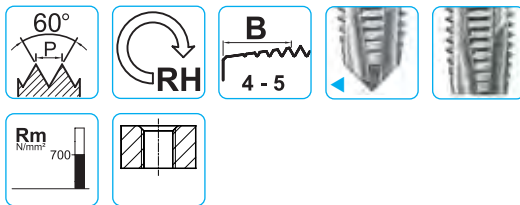
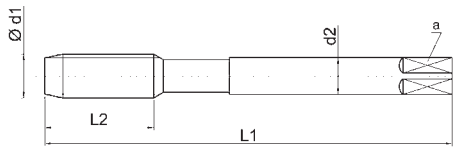
● Standard ○ Disponibilità da richiedere, prezzo a listino ★ Solo a richiesta

● Standard ○ Lead time on enquiry, standard price-list ★ Only on request

DIN  
371



DIN  
376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



LINE



TOP



LINE



3xD

HSSE

ISO2/6H

BR

1.1 4.1 4.2

5.1 5.2

6.1 7.1

8.1

3xD

HSSE

ISO2/6H

VS

1.1

4.1 4.2

5.1 5.2

8.1

3xD

HSSE

ISO2/6H

TXC

1.1

4.1 4.2 4.3

5.1 5.2

3xD

HSSE

ISO2/6H

ZrN

1.1 1.2 1.3 1.4

2.1 2.2 3.3 3.4

4.2 4.3

5.2

DIN	Ød1	P	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
371	M	mm			h9	h12		
◀	3	0,5	56	10	3,5	2,7	2	2,5
◀	4	0,7	63	13	4,5	3,4	2	3,3
◀	5	0,8	70	13	6	4,9	2	4,2
◀	6	1	80	16	6	4,9	2	5
◀	8	1,25	90	18	8	6,2	2	6,8
◀	10	1,5	100	20	10	8	2	8,5
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

DIN	Ød1	P	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
376	M	mm			h9	h12		
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14

CODICE - CODE			
E24M...AL	E24M...AL-VS	E24M...AL-TXC	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
-	-	-	*E24M...TZ
-	-	-	○
-	-	-	○
-	-	-	○
-	-	-	○
-	-	-	○

CODICE - CODE			
E25M...AL	E25M...AL-VS	E25M...AL-TXC	*E25M...TZ
○	○	○	○
○	○	○	○
○	○	○	○

\* In alternativa si consiglia:  
Alternatively we recommend:

E24M...TXC - pag. 20  
E25M...TXC - pag. 21

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

14

14

15

15

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

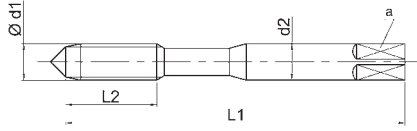
Al-Cu-Fe

ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm<sup>2</sup>

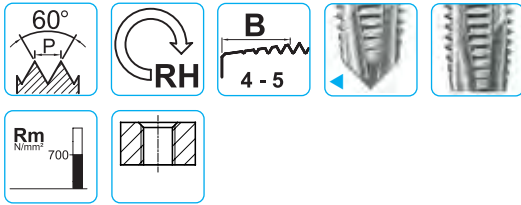
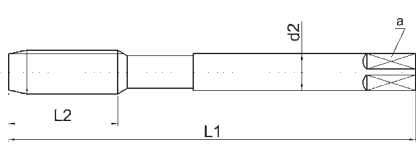
Aluminium, Cooper, Steel R ≤ 700 N/mm<sup>2</sup>

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 376



LINE



TOP



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

3xD

3xD

3xD

HSSE

HSSE

HSSE

HSSE

ISO2/6H

ISO2/6H

ISO2/6H

ISO2/6H

BR

TXC

ZrN

CrN

1.1 4.1 4.2

1.1

1.1

1.1 1.2 1.3 1.4

5.1 5.2

4.1 4.2

4.1 4.2

5.1 5.2

6.1 7.1

5.1 5.2

5.1 5.2

8.1

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀ 3	0,5	56	10	3,5	2,7	3	2,5	
◀ 4	0,7	63	13	4,5	3,4	3	3,3	
◀ 5	0,8	70	13	6	4,9	3	4,2	
◀ 6	1	80	16	6	4,9	3	5	
◀ 8	1,25	90	18	8	6,2	3	6,8	
◀ 10	1,5	100	20	10	8	3	8,5	

CODICE - CODE			
E24M...AZ	E24M...AZ-TXC	E24M...AZ-TZ	E24M...NC
○	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	25	9	7	3	10,3	
14	2	110	28	11	9	3	12	
16	2	110	28	12	9	3	14	
18	2,5	125	33	14	11	4	15,5	
20	2,5	140	33	16	12	4	17,5	
22	2,5	140	33	18	14,5	4	19,5	
24	3	160	39	18	14,5	4	21	
27	3	160	39	20	16	4	24	
30	3,5	180	46	22	18	4	26,5	

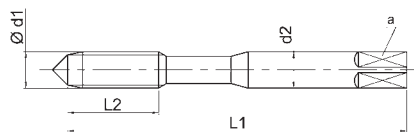
CODICE - CODE			
E25M...AZ	E25M...AZ-TXC	E25M...AZ-TZ	E25M...NC
●	○	○	○
●	○	○	○
●	○	○	○
*	*	-	○
*	*	-	○
*	*	-	○
*	*	-	○
*	*	-	○

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	15	15	15	15
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

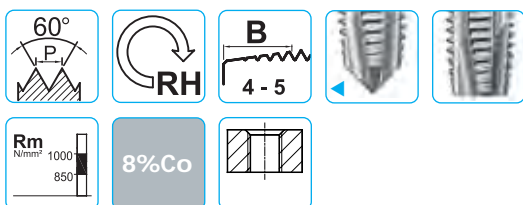
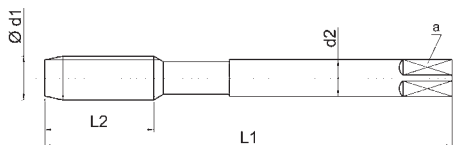


## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD	3xD
HSSP	HSSP	HSSP	HSSP
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TiCN
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.1 4.2	4.1 4.2	3.3 3.4 4.1 4.2 4.3	2.1 2.2
5.1 5.2	5.1 5.2	5.1 5.2	3.3 3.4 4.2 4.3
	6.1 7.1		5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

CODICE - CODE			
P24M...	P24M... V	P24M...T	P24M...CT
●	●	○	○
●	●	○	○
●	●	○	○
●	●	○	○
●	●	○	○
●	●	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	4	10,3
	14	2	110	28	11	9	4	12
	16	2	110	28	12	9	4	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5

CODICE - CODE			
P25M...	P25M... V	P25M...T	P25M...CT
●	●	○	○
○	○	○	○
●	●	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

Confezione / Box:

M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

16

16

16

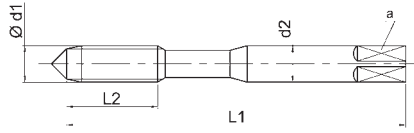
16

● Standard  
● Standard○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list★ Solo a richiesta  
★ Only on request

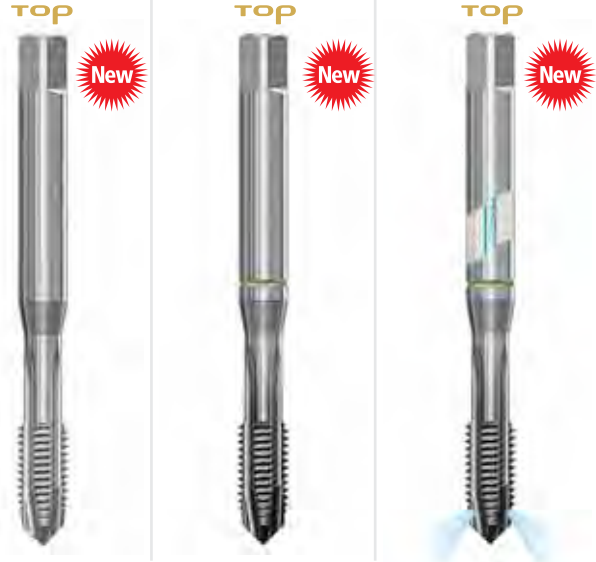
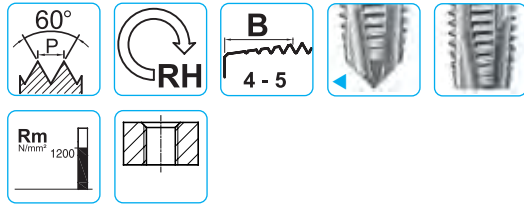
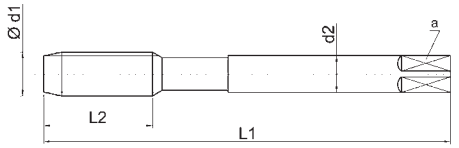
**U** APPLICAZIONI UNIVERSALI  $R \leq 1200 \text{ N/mm}^2$   
Universal Applications  $R \leq 1200 \text{ N/mm}^2$

**MASCHI A MACCHINA** MACHINE TAPS

DIN 371



DIN 376



- Profondità di filettatura - Thread depth
- Materiale - Material
- Tolleranza - Tolerance
- Trattamento superficiale - Surface treatment
- Numero gruppi materiali  
Material's groups number

3xD	3xD	3,5xD
PM3	PM3	PM3
6HX	6HX	6HX
BR	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.1 4.2	2.1 2.2 2.3	2.1 2.2 2.3
5.1 5.2	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	56	10	3,5	2,7	3	2,5	
4	0,7	63	13	4,5	3,4	3	3,3	
5	0,8	70	13	6	4,9	3	4,2	
6	1	80	16	6	4,9	3	5	
8	1,25	90	18	8	6,2	3	6,8	
10	1,5	100	20	10	8	3	8,5	

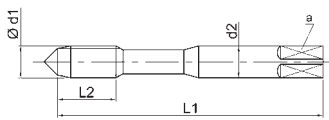
K24M...U	CODICE - CODE	
	K24M...XP	K24M...FORY-XP
*	o	-
*	o	-
*	o	-
*	o	o
*	o	o
*	o	o

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	25	9	7	4	10,3	
14	2	110	28	11	9	4	12	
16	2	110	28	12	9	4	14	

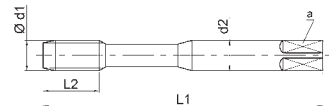
K25M...U	CODICE - CODE	
	K25M...XP	K25M...FORY-XP
*	o	o
*	o	o
*	o	o

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	16	17	17
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

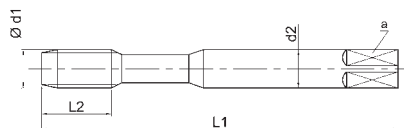
DIN 371



DIN 371



UFS norm



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

TOP



TOP



3xD

3,5xD

PM3

PM3

6HX

6HX

TXC

TXC

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

2.1 2.2 2.3 2.4 3.3 3.4

2.1 2.2 2.3 2.4 3.3 3.4

4.1 4.2 4.3 4.5 4.6 5.1

4.1 4.2 4.3 4.5 4.6 5.1

5.2 5.3 6.1 6.2 7.1 7.2

5.2 5.3 6.1 6.2 7.1 7.2

DIN 371	$\varnothing d_1$ M	P mm	$L_1$	$L_2$ 10xP	$d_2$ h6	a h12	Z	
6	1	80	10	6	4,9	3	5	
8	1,25	90	13	8	6,2	3	6,8	
10	1,5	100	15	10	8	3	8,5	

UFS norm	$\varnothing d_1$ M	P mm	$L_1$	$L_2$ 10xP	$d_2$ h6	a h12	Z	
12	1,75	110	18	12	9	3	10,3	
14	2	110	20	14	9	3	12	
16	2	110	20	16	12	4	14	

CODICE - CODE	
S24M...TXC	S24M...FOR-Y-TXC
○	○
○	○
○	○

CODICE - CODE	
S24M...TXC	S24M...FOR-Y-TXC
○	○
○	○
○	○

A richiesta:  
On request:

Con **Weldon** DIN1835 B

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

17

17

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

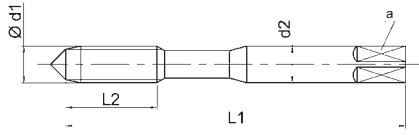
HR

ALTA RESISTENZA

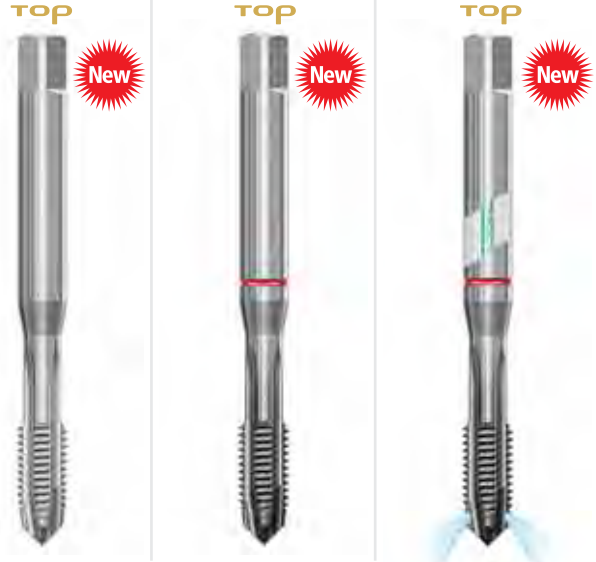
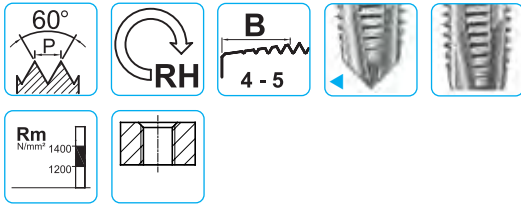
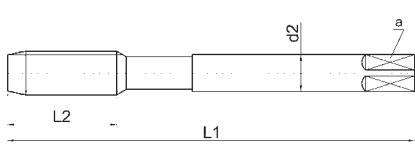
High Resistance

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3,5xD
PM3	PM3	PM3
6HX	6HX	6HX
BR	TXC	TXC
1.5 1.6	1.5 1.6	1.5 1.6
3.3 3.4	3.3 3.4	3.3 3.4
4.4 5.3	4.4 5.3	4.4 5.3

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	56	10	3,5	2,7	3	2,5	
4	0,7	63	13	4,5	3,4	3	3,3	
5	0,8	70	13	6	4,9	3	4,2	
6	1	80	16	6	4,9	3	5	
8	1,25	90	18	8	6,2	3	6,8	
10	1,5	100	20	10	8	3	8,5	

K24M...HR	CODICE - CODE	
	K24M...TXC	K24M...FORY-TXC
*	○	-
*	●	-
*	●	-
*	●	○
*	●	○
*	●	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	25	9	7	4	10,3	
14	2	110	28	11	9	4	12	
16	2	110	28	12	9	4	14	

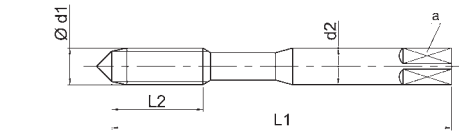
K25M...HR	CODICE - CODE	
	K25M...TXC	K25M...FORY-TXC
*	●	○
*	○	○
*	○	○

Novità / New  
Rivestimento / Coating  
**TXC**

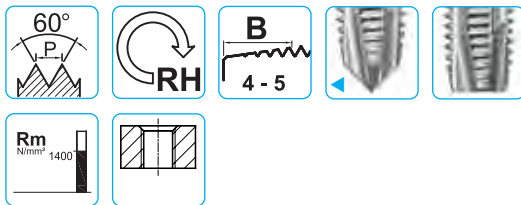
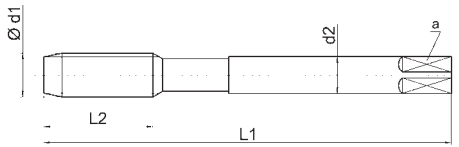
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	17	17	18
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Standard	○ Lead time on enquiry, standard price-list	★ Solo a richiesta
● Standard				★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



top



top



top



3xD

3xD

3xD

3,5xD

HSSE

HSSV3

PM3

PM3

6HX

6HX

6HX

6HX

V

TXC

TXC

TXC

2.1 2.2 2.3

1.3 1.4 1.5

1.3 1.4 1.5

1.3 1.4 1.5

2.1 2.2 2.3 2.4

2.1 2.2 2.3 2.4

2.1 2.2 2.3 2.4

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	12	1,75	110	25	9	7	4	10,3
	14	2	110	28	11	9	4	12
	16	2	110	28	12	9	4	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21

E24M...X-V	CODICE - CODE		
	V24M...TXC	K24M...X-TXC	K24M...XFORY-TXC
○	●	○	-
○	●	○	-
○	●	○	-
○	●	○	○
○	●	○	○
○	●	○	○

E25M...X-V	CODICE - CODE		
	V25M...TXC	K25M...X-TXC	K25M...XFORY-TXC
○			
○			
○			
-	●	○	○
-	●	○	○
-	●	○	○
○	○		
○	○		
○	○		
○	○		

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

18

18

18

18

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

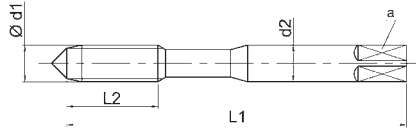
★ Solo a richiesta  
★ Only on request



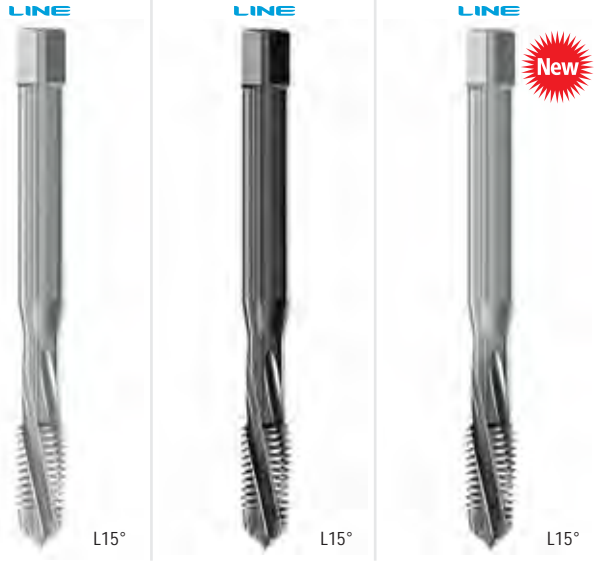
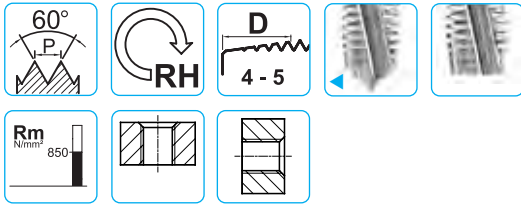
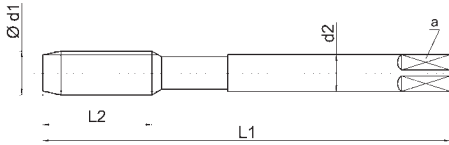
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

**DIN 371**



**DIN 376**



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD
HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H
BR	V	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	4.2 5.2	3.3 3.4
	6.1 7.1	4.3 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

E50M...	CODICE - CODE	
	E50M...V	E50M...XP
•	○	○
•	○	○
•	○	○
•	○	○
•	○	○
•	○	○

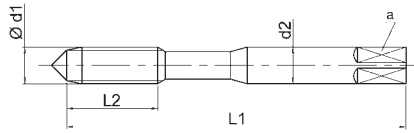
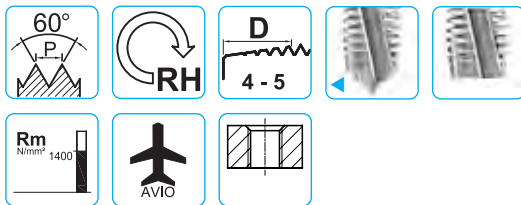
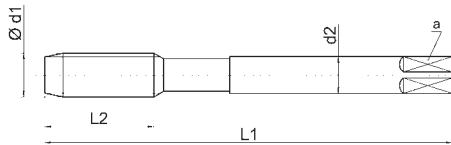
DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
new	18	2,5	125	33	14	11	4	15,5
new	20	2,5	140	33	16	12	4	17,5
new	22	2,5	140	33	18	14,5	4	19,5
new	24	3	160	39	18	14,5	4	21
new	27	3	160	39	20	16	4	24
new	30	3,5	180	46	22	18	4	26,5

E51M...	CODICE - CODE	
	E51M...V	E51M...XP
•	○	○
•	○	○
•	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

Da usare in alternativa ai maschi con imbocco corretto per fori profondi specialmente in filettatura orizzontale.  
To be used with deep holes, specially in horizontal threading.

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	18-19	19	19
• Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

DIN  
371DIN  
376

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

3xD

3xD

PM3

PM3

PM3

6HX

6HX

4HX

V

TiCN

V

6.1

1.6 2.4

6.1

3.3 3.4

4.4 5.3 5.4 6.2 6.3

7.2 9.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	*2,5
◀	4	0,7	63	13	4,5	3,4	3	*3,3
◀	5	0,8	70	13	6	4,9	3	*4,2
◀	6	1	80	16	6	4,9	3	*5
◀	8	1,25	90	18	8	6,2	3	*6,8
◀	10	1,5	100	20	10	8	3	*8,5

K52M...V	CODICE - CODE	
	K52M...CT	K52M...4HX-V
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	*10,3
	16	2	110	28	12	9	3	*14

K53M...V	CODICE - CODE	
	K53M...CT	K53M...4HX-V
○	○	*
○	○	*

\* Per MJ vedi tabella di foratura pag. 252

\* Drills' diameters for MJ: table page 252

Confezione / Box:

M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

19

19

19

● Standard  
● Standard○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list★ Solo a richiesta  
★ Only on request

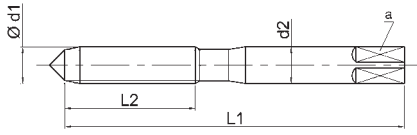
Ni

NICHEL

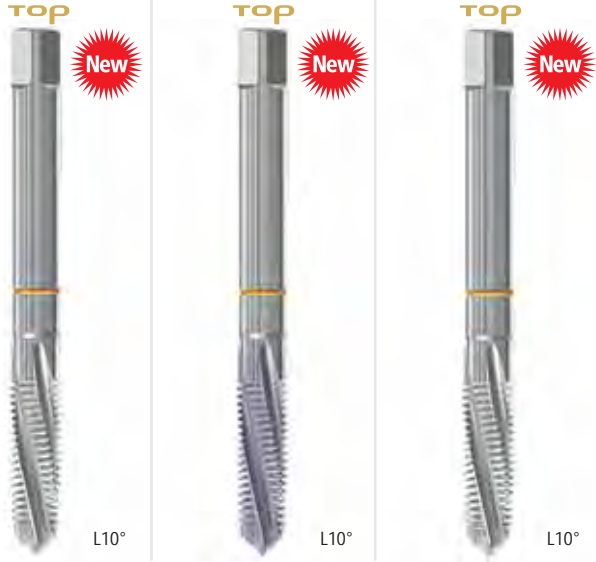
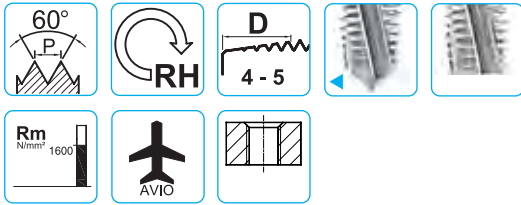
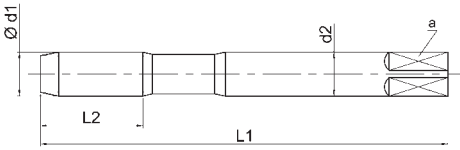
Nickel

MASCHI A MACCHINA MACHINE TAPS

UFS norm



UFS norm



Profondità di filettatura - Thread depth	3xD
Materiale - Material	PM3
Tolleranza - Tolerance	6HX
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali - Material's groups number	7.3 9.3

3xD	3xD	3xD
PM3	PM3	PM3
6HX	6HX	4HX
BR	TiCN	BR
7.3 9.3	1.6 5.4	7.3 9.3
	7.2 9.1	

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Z
◀	3	0,5	56	10	3,5	2,7	3	*2,5
◀	4	0,7	63	13	4,5	3,4	3	*3,3
◀	5	0,8	70	15	6	4,9	3	*4,2
◀	6	1	80	18	6	4,9	3	*5
◀	8	1,25	90	25	8	6,2	3	*6,8
◀	10	1,5	100	30	10	8	3	*8,5

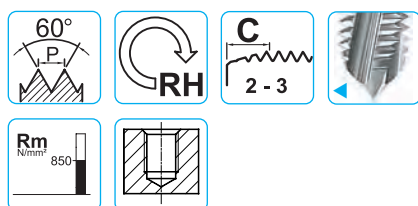
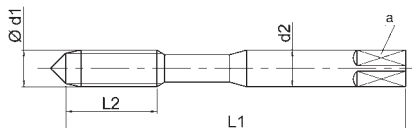
K52M...NI	CODICE - CODE	
	K52M...NI-CT	K52M...NI-4HX
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Z
	12	1,75	110	30	12	9	3	*10,3

K52M...NI	CODICE - CODE	
	K52M...NI-CT	K52M...NI-4HX
○	○	*

\* Per MJ vedi tabella di foratura pag. 252  
\* Drills' diameters for MJ: table page 252

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	20	20	20
● Standard	○ Disponibilità da richiedere, prezzo a listino	○	○	○
● Standard	○ Lead time on enquiry, standard price-list	○	○	○
		★ Solo a richiesta	★	★
		★ Only on request	★	★

DIN  
371

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

1,5xD

HSSE

ISO2/6H

V

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

6.1 7.1

1,5xD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

1,5xD

HSSE

ISO2/6H

XP

1.1 1.2 1.3 1.4

3.3 3.4

4.2 4.3

5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	2	0,4	45	9	2,8	2,1	3	1,6
◀	2,2	0,45	45	9	2,8	2,1	3	1,75
◀	2,3	0,4	45	9	2,8	2,1	3	1,9
◀	2,5	0,45	50	9	2,8	2,1	3	2,05
◀	2,6	0,45	50	9	2,8	2,1	3	2,10
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	3,5	0,6	56	11	4	3	3	2,9
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	7	1	80	16	7	5,5	3	6
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5



Abbiamo a stock tanti maschi speciali, con maggiorazioni, trattamenti, dimensioni diversi dallo standard che possono servire. Interpellateci!

We have a great deal of special taps in stock: oversized, treated, non-standard sizes. Call us!

CODICE - CODE

E40M... E40M...V E40M...T E40M...XP

◦	◦	◦	*
◦	◦	◦	*
◦	◦	◦	*
◦	◦	◦	*
◦	◦	◦	*
●	●	●	●
◦	◦	◦	-
●	●	●	●
●	●	●	●
●	●	●	●
◦	◦	◦	-
●	●	●	●
●	●	●	●

Segue diametri  
Diameters, to be continued

▶ Pag. 37

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

20

20

20

20

● Standard  
● Standard

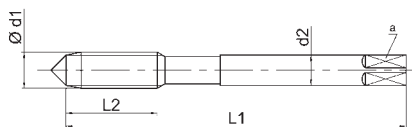
◦ Disponibilità da richiedere, prezzo a listino  
◦ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

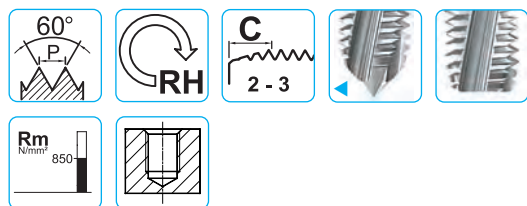
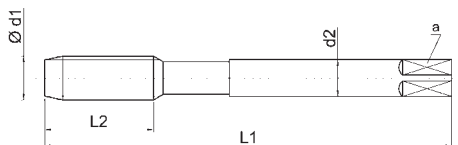
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA MACHINE TAPS**

**DIN 376**



**DIN 376**



LINE



R15°

LINE



R15°

LINE



R15°

LINE



R15°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

1,5xD

HSSE

ISO2/6H

V

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

6.1 7.1

1,5xD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

1,5xD

HSSE

ISO2/6H

XP

1.1 1.2 1.3 1.4

3.3 3.4

4.2 4.3

5.2

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,7	63	13	2,8	2,1	3	3,3
◀	5	0,8	70	13	3,5	2,7	3	4,2
◀	6	1	80	16	4,5	3,4	3	5
◀	8	1,25	90	18	6	4,9	3	6,8
◀	10	1,5	100	20	7	5,5	3	8,5
	11	1,5	100	20	8	6,2	3	9,5
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5
	33	3,5	180	46	25	20	4	29,5
	36	4	200	50	28	22	4	32
	39	4	200	50	32	24	4	35
	42	4,5	200	55	32	24	5	37,5
■	45	4,5	220	60	36	29	5	40,5
■	48	5	250	65	36	29	6	43
■	52	5	250	65	40	32	6	47

■ = Acciaio HSS / HSS Steel

Confezione / Box:	€ Pagina listino - Price list page	21	21	21	21
M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	<ul style="list-style-type: none"> <li>● Standard</li> <li>● Standard</li> </ul>	<ul style="list-style-type: none"> <li>○ Disponibilità da richiedere, prezzo a listino</li> <li>○ Lead time on enquiry, standard price-list</li> </ul>	<ul style="list-style-type: none"> <li>○ Disponibilità da richiedere, prezzo a listino</li> <li>○ Lead time on enquiry, standard price-list</li> </ul>	<ul style="list-style-type: none"> <li>○ Disponibilità da richiedere, prezzo a listino</li> <li>○ Lead time on enquiry, standard price-list</li> </ul>	<ul style="list-style-type: none"> <li>★ Solo a richiesta</li> <li>★ Only on request</li> </ul>



# M Filettatura metrica ISO passo grosso DIN 13

## ISO Metric coarse thread DIN 13

Metrisches ISO-Regelgewinde DIN 13 – Maschinengewindebohrer

Filetage métrique ISO DIN 13 – Tarauds machine

Rosca ISO métrica regular DIN 13 – Machos de rosca a máquina

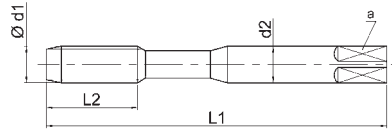


N

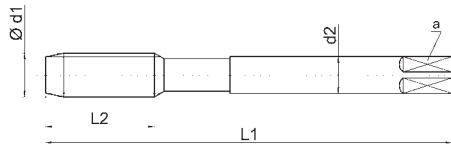
USO GENERALE  
General purpose

### MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



R15°

2,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

LINE



R15°

2,5xD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
6	1	80	16	6	4,9	3	5	
8	1,25	90	18	8	6,2	3	6,8	
10	1,5	100	20	10	8	3	8,5	

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	25	9	7	3	10,3	
14	2	110	28	11	9	3	12	
16	2	110	28	12	9	3	14	

CODICE - CODE	
E40M...FOR	E40M...FOR-T
○	○
○	○
○	○

CODICE - CODE	
E41M...FOR	E41M...FOR-T
○	○
○	○
○	○

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

21

21

● Standard  
● Standard

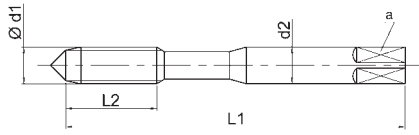
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

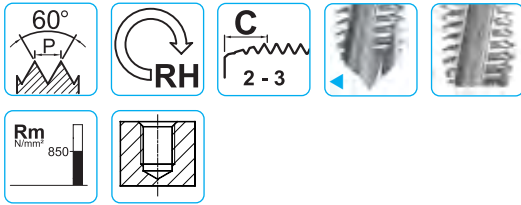
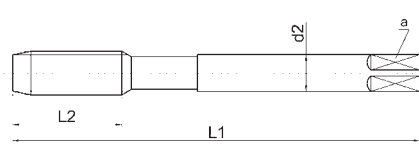
**N** USO GENERALE  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

DIN 371



DIN 376



R15°



R15°



R15°



R15°

Profondità di filettatura - Thread depth  
Materiale - Material  
Tolleranza - Tolerance  
Trattamento superficiale - Surface treatment  
Numero gruppi materiali  
Material's groups number

1,5xD	1,5xD	1,5xD	1,5xD
HSSE	HSSE	HSSE	HSSE
ISO1/4H	ISO1/4H	ISO3/6G	ISO3/6G
BR	TiN	BR	TiN
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	3.3 3.4	4.1 4.2	3.3 3.4
5.1 5.2	4.1 4.2 4.3	5.1 5.2	4.1 4.2 4.3
	5.1 5.2		5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

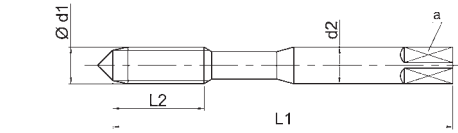
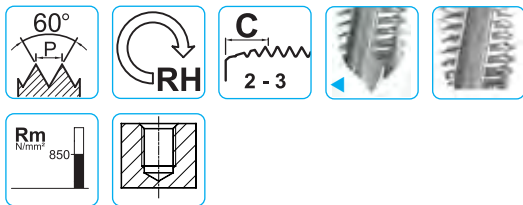
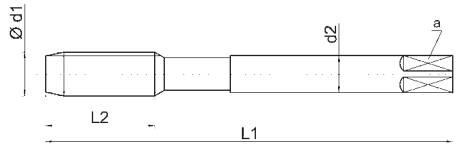
CODICE - CODE			
E40M...-4H	E40M...T-4H	E40M...-6G	E40M...T-6G
○	○	●	○
○	○	●	○
○	○	●	○
○	○	●	○
○	○	●	○
○	○	●	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5

CODICE - CODE			
E41M...-4H	E41M...T-4H	E41M...-6G	E41M...T-6G
○	○	○	○
○	○	○	○
○	○	○	○
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*

Confezione / Box: M3 - M10: 10 pezzi / pcs; M12 - M16: 5 pezzi / pcs  
 € Pagina listino - Price list page: 22  
 ● Standard ○ Disponibilità da richiedere, prezzo a listino  
 ● Standard ○ Lead time on enquiry, standard price-list  
 ★ Solo a richiesta ★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

DIN  
371DIN  
376

LINE



R15°

LINE



R15°

LINE



R15°

LINE



R15°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD

HSSE

7G (6H+0,05)

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

1,5xD

HSSE

7G (6H+0,05)

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

1,5xD

HSSE

6H+0,1

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

1,5xD

HSSE

6H+0,1

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

E40M...-7G	CODICE - CODE		
	E40M...T-7G	E40M...+0,1	E40M...T+0,1
○	○	○	○
○	○	○	○
○	○	○	○
○	○	●	○
○	○	●	○
○	○	●	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5

E41M...-7G	CODICE - CODE		
	E41M...T-7G	E41M...+0,1	E41M...T+0,1
○	○	○	○
○	○	○	○
○	○	○	○
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

22

23

23

23

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

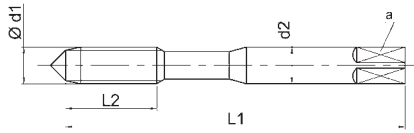
Al-Cu-Fe

ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm²

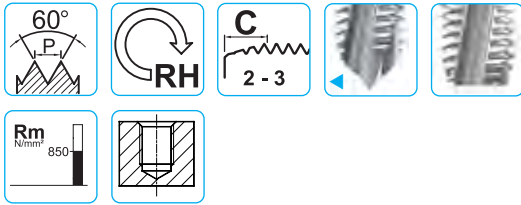
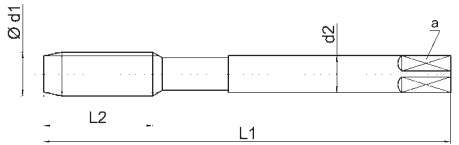
Aluminium, Cooper, Steel R ≤ 700 N/mm²

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 376



LINE



R15°

LINE



R15°

LINE



R15°

LINE



New

R15°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD

HSSE

ISO2/6H

BR

1.1 4.1 4.2

5.1 5.2

6.1 7.1

8.1

1,5xD

HSSE

ISO2/6H

V

1.1 4.1 4.2

5.1 5.2

6.1 7.1

8.1

1,5xD

HSSE

ISO2/6H

ZrN

1.1 1.2 1.3 1.4

3.3 3.4

4.2 4.3

5.2

1,5xD

HSSE

ISO2/6H

CrN

1.1 1.2 1.3 1.4

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	56	10	3,5	2,7	3	2,5	
4	0,7	63	13	4,5	3,4	3	3,3	
5	0,8	70	13	6	4,9	3	4,2	
6	1	80	16	6	4,9	3	5	
8	1,25	90	18	8	6,2	3	6,8	
10	1,5	100	20	10	8	3	8,5	

E40M...AZ	CODICE - CODE		E40M...NC
	E40M...AZ-V	*E40M...TZ	
○	○	*	○
○	○	*	○
○	○	*	○
○	○	*	○
○	○	*	○
○	○	*	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	25	9	7	3	10,3	
14	2	110	28	11	9	3	12	
16	2	110	28	12	9	3	14	

E41M...AZ	CODICE - CODE		E41M...NC
	E41M...AZ-V	*E41M...TZ	
○	○	*	○
○	○	*	○
○	○	*	○

\*In alternativa si consiglia:  
Alternatively we recommend:  
E40M...XP pag. 36  
E41M...XP pag. 37

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	23	23	23	24
● Standard	○ Disponibilità da richiedere, prezzo a listino	○	○	○	○
● Standard	○ Lead time on enquiry, standard price-list	○	○	○	○
		○	○	○	○
		○	○	○	○

# M Filettatura metrica ISO passo grosso DIN 13

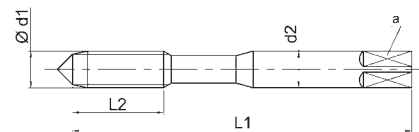
**ISO Metric coarse thread DIN 13**  
 Metrisches ISO-Regelgewinde DIN 13 – Maschinengewindebohrer  
 Filetage métrique ISO DIN 13 – Tarauds machine  
 Rosca ISO métrica regular DIN 13 – Machos de roscar a máquina



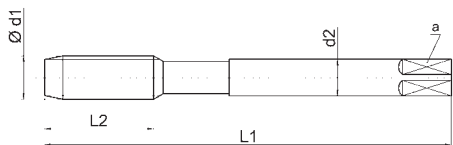
**N** USO GENERALE R ≤ 1000N/mm<sup>2</sup>  
 General purpose R ≤ 1000N/mm<sup>2</sup>

## MASCHI A MACCHINA MACHINE TAPS

**DIN 371**



**DIN 376**



60°  
P

RH

C  
2-3

Rm  
N/mm<sup>2</sup> 1000  
850

8%Co



Profondità di filettatura - Thread depth	1,5xD	1,5xD	1,5xD	1,5xD
Materiale - Material	HSSP	HSSP	HSSP	HSSP
Tolleranza - Tolerance	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	V	TiN	TiCN
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
	4.1 4.2	4.1 4.2	3.3 3.4 4.1 4.2 4.3	3.3 3.4 4.2 4.3
	5.1 5.2	5.1 5.2	5.1 5.2	5.2
		6.1 7.1		

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
◀	8	1,25	90	18	8	6,2	3	6,8
◀	10	1,5	100	20	10	8	3	8,5

P40M...	CODICE - CODE		
	P40M... V	P40M... T	P40M... CT
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21
	27	3	160	39	20	16	4	24
	30	3,5	180	46	22	18	4	26,5

P41M...	CODICE - CODE		
	P41M... V	P41M... T	P41M... CT
•	○	○	○
○	○	○	○
•	○	○	○
○	○	○	○
•	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	24	24	24	24
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	



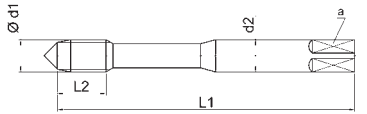
**HR**

**ALTA RESISTENZA**

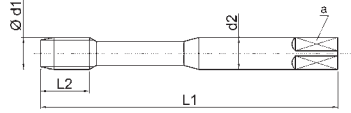
*High Resistance*

**MASCHI A MACCHINA** MACHINE TAPS

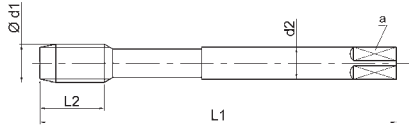
**DIN 371**



**DIN 371**



**DIN 376**



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD
PM3
6HX
BR
1.5 1.6
3.3 3.4
4.4 4.5 4.6
5.3

1,5xD
PM3
6HX
TXC
1.5 1.6
3.3 3.4
4.4 4.5 4.6
5.3

2,5xD
PM3
6HX
TXC
1.5 1.6
3.3 3.4
4.4 4.5 4.6
5.3

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

K40M...HR	CODICE - CODE	
	K40M...TXC	K40M...FOR-TXC
*	•	-
*	•	-
*	•	-
*	•	○
*	•	○
*	•	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	4	10,3
	14	2	110	20	11	9	4	12
	16	2	110	20	12	9	4	14

K41M...HR	CODICE - CODE	
	K41M...TXC	K41M...FOR-TXC
*	•	○
*	○	○
*	○	○

Novità / New  
Rivestimento / Coating

**TXC**

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	25	25	25
• Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

# Filettatura metrica ISO passo grosso DIN 13

## ISO Metric coarse thread DIN 13

Metrisches ISO-Regelgewinde DIN 13 - Maschinengewindebohrer

Filetage métrique ISO DIN 13 - Tarauds machine

Rosca ISO métrica regular DIN 13 - Machos de rosca a máquina

US  
LINE

US  
plus

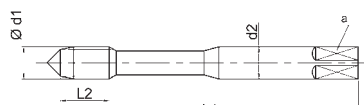
US  
TOP

### MASCHI A MACCHINA MACHINE TAPS

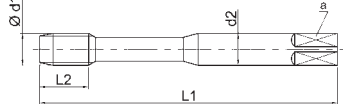
Ti

**TITANIO**  
Titanium

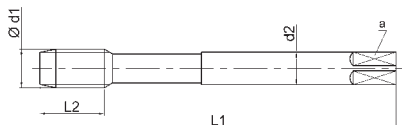
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

TOP



New

R15°

TOP



New

R15°

TOP



New

R15°

TOP



New

R25°

1,5xD

1,5xD

1,5xD

2,5xD

PM3

PM3

PM3

PM3

6HX

6HX

4HX

6HX

V

TiCN

V

V

6.1

1.6 2.4

6.1

6.1 6.2

3.3 3.4

4.4 5.3 5.4 6.2 6.3

7.2 9.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	*2,5
◀	4	0,7	63	7	4,5	3,4	3	*3,3
◀	5	0,8	70	8	6	4,9	3	*4,2
◀	6	1	80	10	6	4,9	3	*5
	8	1,25	90	13	8	6,2	3	*6,8
	10	1,5	100	15	10	8	3	*8,5
◀	3	0,5	56	10	3,5	2,7	3	*2,5
◀	4	0,7	63	13	4,5	3,4	3	*3,3
◀	5	0,8	70	13	6	4,9	3	*4,2
◀	6	1	80	16	6	4,9	3	*5
	8	1,25	90	18	8	6,2	3	*6,8
	10	1,5	100	20	10	8	3	*8,5

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	4	*10,3
	16	2	110	20	12	9	4	*14
	12	1,75	110	25	9	7	4	*10,3
	16	2	110	28	12	9	4	*14

\* Per MJ vedi tabella di foratura pag. 252

\* Drills' diameters for MJ: table page 252

CODICE - CODE		
K42M...V	K42M...CT	K42M...V-4HX
◊	◊	*
◊	◊	*
◊	◊	*
◊	◊	*
◊	◊	*
◊	◊	*
-	-	K28M...AZ-V ◊
-	-	◊
-	-	◊
-	-	◊
-	-	◊
-	-	◊

CODICE - CODE		
K43M...V	K43M...CT	K43M...V-4HX
◊	◊	*
◊	◊	*
-	-	K29M...AZ-V ◊
-	-	◊

Confezione / Box:

M3 - M10: 10 pezzi / pcs  
M12 - M16: 5 pezzi / pcs

€ Pagina listino - Price list page

● Standard  
● Standard

25

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

25

25

★ Solo a richiesta  
★ Only on request

26

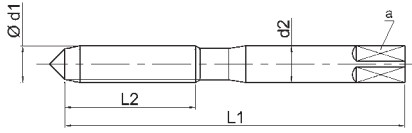
Ni

NICHEL

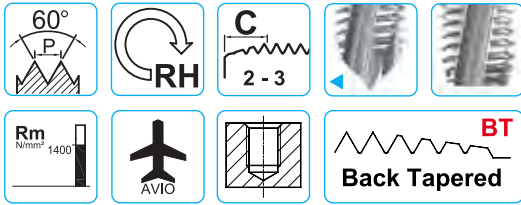
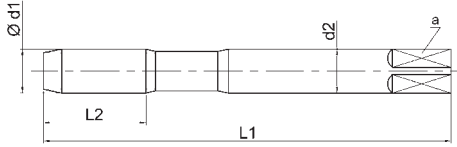
Nickel

MASCHI A MACCHINA MACHINE TAPS

UFS norm



UFS norm



Profondità di filettatura - Thread depth	
Materiale - Material	
Tolleranza - Tolerance	
Trattamento superficiale - Surface treatment	
Numero gruppi materiali Material's groups number	

1,5xD	1,5xD	1,5xD	2,5xD
PM3	PM3	PM3	PM3
6HX	6HX	4HX	6HX
BR	TiCN	BR	V
7.3 9.3	1.6 5.4	7.3 9.3	7.1 7.2
	7.2 9.1		

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	*2,5
◀	4	0,7	63	13	4,5	3,4	3	*3,3
◀	5	0,8	70	15	6	4,9	3	*4,2
◀	6	1	80	18	6	4,9	3	*5
◀	8	1,25	90	25	8	6,2	3	*6,8
◀	10	1,5	100	30	10	8	3	*8,5
◀	3	0,5	56	10	3,5	2,7	3	*2,5
◀	4	0,7	63	13	4,5	3,4	3	*3,3
◀	5	0,8	70	13	6	4,9	3	*4,2
◀	6	1	80	16	6	4,9	3	*5
◀	8	1,25	90	18	8	6,2	3	*6,8
◀	10	1,5	100	20	10	8	3	*8,5

K42M...NI	CODICE - CODE		K28M...V
	K42M...NI-CT	K42M...NI-4HX	
○	○	*	
○	○	*	
○	○	*	
○	○	*	
○	○	*	
○	○	*	
-	-	-	○
-	-	-	○
-	-	-	○
-	-	-	○
-	-	-	○
-	-	-	○

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	30	12	9	4	*10,3
	12	1,75	110	25	9	7	4	*10,3
	14	2	110	28	11	9	4	*12
	16	2	110	28	12	9	4	*14

K42M...NI	CODICE - CODE		K29M...V
	K42M...NI-CT	K42M...NI-4HX	
○	○	*	
-	-	-	○
-	-	-	○
-	-	-	○

\* Per MJ vedi tabella di foratura pag. 252  
\* Drills' diameters for MJ: table page 252

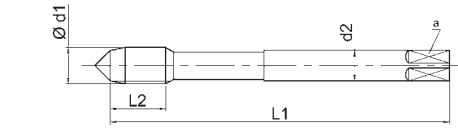
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	26	26	26	26
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	



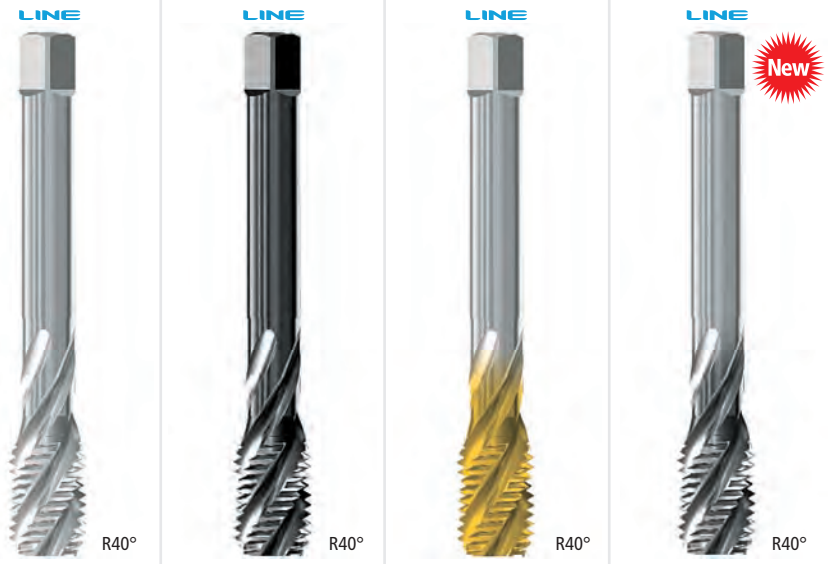
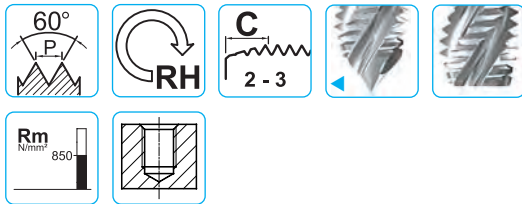
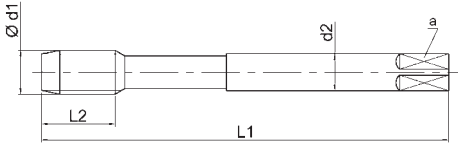
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

DIN 376



DIN 376



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

2,5xD	2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TXC
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
		5.1 5.2	5.2

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,7	63	7	2,8	2,1	3	3,3
◀	5	0,8	70	8	3,5	2,7	3	4,2
◀	6	1	80	10	4,5	3,4	3	5
	8	1,25	90	13	6	4,9	3	6,8
	10	1,5	100	15	7	5,5	3	8,5
	11	1,5	100	15	8	6,2	3	9,5
	12	1,75	110	18	9	7	3	10,3
	14	2	110	20	11	9	3	12
	16	2	110	20	12	9	4	14
	18	2,5	125	25	14	11	4	15,5
	20	2,5	140	25	16	12	4	17,5
	22	2,5	140	25	18	14,5	4	19,5
	24	3	160	30	18	14,5	4	21
	27	3	160	30	20	16	4	24
	30	3,5	180	35	22	18	4	26,5
	33	3,5	180	35	25	20	4	29,5
	36	4	200	40	28	22	4	32
	39	4	200	40	32	24	4	35
	42	4,5	200	40	32	24	5	37,5
■	45	4,5	220	50	36	29	5	40,5
■	48	5	250	50	36	29	6	43
■	52	5	250	50	40	32	6	47

■ = Acciaio HSS / HSS Steel

E61M...	CODICE - CODE		
	E61M...V	E61M...T	E61M...TXC
*	*	*	*
○	○	○	*
○	○	○	*
●	●	●	●
●	●	●	●
○	○	○	*
●	●	●	●
●	○	○	*
●	○	○	*
●	○	○	*
●	○	○	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*

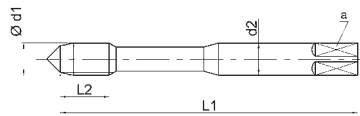
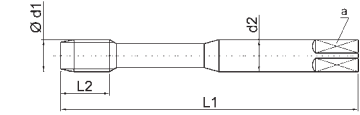
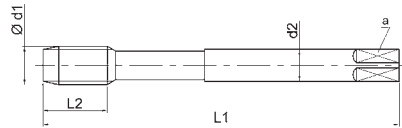
Confezione / Box M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	27	27	28	28
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	



N

USO GENERALE  
General purpose

## MASCHI A MACCHINA MACHINE TAPS

DIN  
371DIN  
371DIN  
376

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



R40°

3xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

LINE



R40°

3xD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

LINE



R40°

3xD

HSSE

ISO2/6H

TXC

1.1 1.2 1.3 1.4

2.1 2.2 3.3 3.4

4.2 4.3

5.2



DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
6	1	80	10	6	4,9	3	5	
8	1,25	90	13	8	6,2	3	6,8	
10	1,5	100	15	10	8	3	8,5	

E60M...FOR	CODICE - CODE	
	E60M...FOR-T	E60M...FOR-TXC
○	○	○
○	○	○
○	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	18	9	7	3	10,3	
14	2	110	20	11	9	3	12	
16	2	110	20	12	9	4	14	
new 18	2,5	125	25	14	11	4	15,5	
new 20	2,5	140	25	16	12	4	17,5	
new 22	2,5	140	25	18	14,5	4	19,5	
new 24	3	160	30	18	14,5	4	21	

E61M...FOR	CODICE - CODE	
	E61M...FOR-T	E61M...FOR-TXC
○	○	○
○	○	○
○	○	○
○	○	★
○	○	★
○	○	★
○	○	★

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

28

28

28

- Standard
- Standard

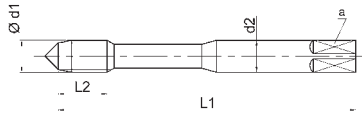
- Disponibilità da richiedere, prezzo a listino
- Lead time on enquiry, standard price-list

- ★ Solo a richiesta
- ★ Only on request

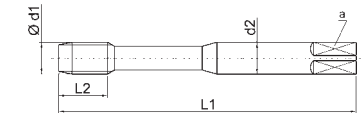
**N** USO GENERALE  
General purpose

**MASCHI A MACCHINA, FILETTATURA SINISTRA MACHINE TAPS**

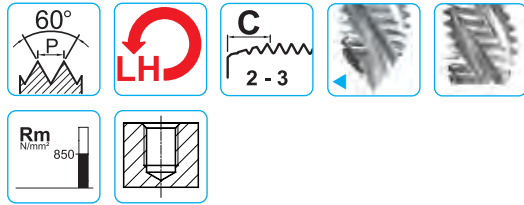
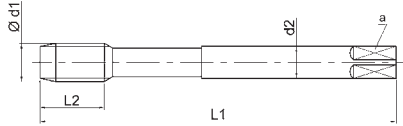
DIN 371



DIN 371



DIN 376



LINE



L35°

LINE



New

L35°

LINE



New

L35°

Profondità di filettatura - Thread depth  
Materiale - Material  
Tolleranza - Tolerance  
Trattamento superficiale - Surface treatment  
Numero gruppi materiali  
Material's groups number

2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H
BR	V	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.2 4.3
		5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

CODICE - CODE		
E60M...LH	E60M...LH-V	E60M...LH-XP
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	3	10,3
	14	2	110	20	11	9	3	12
	16	2	110	20	12	9	4	14
	18	2,5	125	25	14	11	4	15,5
	20	2,5	140	25	16	12	4	17,5
	22	2,5	140	25	18	14,5	4	19,5
	24	3	160	30	18	14,5	4	21

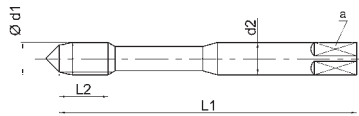
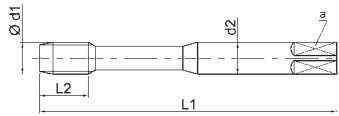
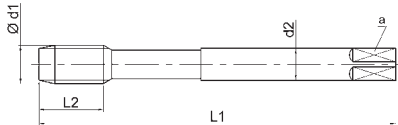
CODICE - CODE		
E61M...LH	E61M...LH-V	E61M...LH-XP
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs

€ Pagina listino - Price list page

28	29	29
● Standard	○ Disponibilità da richiedere, prezzo a listino	★ Solo a richiesta
● Standard	○ Lead time on enquiry, standard price-list	★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

DIN  
371DIN  
371DIN  
376

LINE



R40°

LINE



New

R40°

LINE



R40°

LINE



New

R40°

Profondità di filettatura - Thread depth

2,5xD

2,5xD

2,5xD

2,5xD

Materiale - Material

HSSE

HSSE

HSSE

HSSE

Tolleranza - Tolerance

ISO1/4H

ISO1/4H

ISO3/6G

ISO3/6G

Trattamento superficiale - Surface treatment

BR

XP

BR

XP

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

4.1 4.2

2.1 2.2 3.3 3.4

4.1 4.2

2.1 2.2 3.3 3.4

5.1 5.2

4.2 4.3

5.1 5.2

4.2 4.3

5.2

5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

E60M...-4H	CODICE - CODE			E60M... XP-6G
	E60M... XP-4H	E60M...-6G	E60M... XP-6G	
○	○	●	○	
○	○	●	○	
○	○	●	○	
○	○	●	○	
○	○	●	○	
○	○	●	○	

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	3	10,3
	14	2	110	20	11	9	3	12
	16	2	110	20	12	9	4	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21

E61M...-4H	CODICE - CODE			E61M... XP-6G
	E61M... XP-4H	E61M...-6G	E61M... XP-6G	
○	○	○	○	
○	○	○	○	
○	○	○	○	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

29

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29

29

● Standard  
● Standard

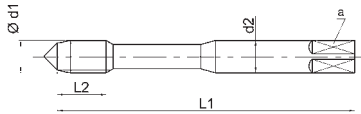
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

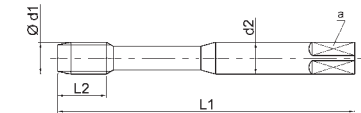
**N** USO GENERALE  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

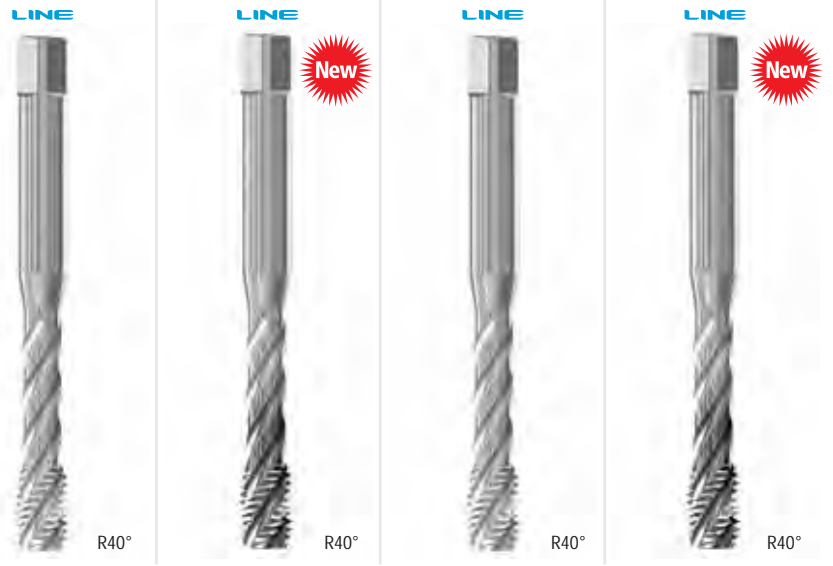
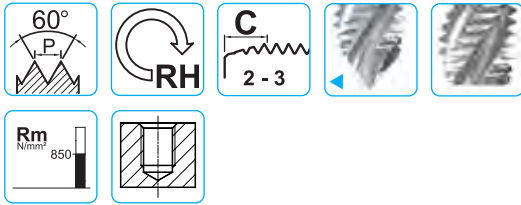
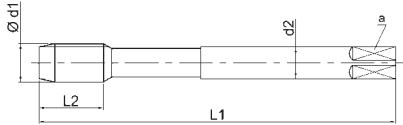
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

2,5xD	2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE	HSSE
7G(6H+0,05)	7G(6H+0,05)	6H+0,1	6H+0,1
BR	XP	BR	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	2.1 2.2 3.3 3.4	4.1 4.2	2.1 2.2 3.3 3.4
5.1 5.2	4.2 4.3	5.1 5.2	4.2 4.3
	5.2		5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

CODICE - CODE			
E60M...-7G	E60M...XP-7G	E60M...+0,1	E60M...XP+0,1
○	○	○	○
○	○	○	○
○	○	○	○
○	○	●	○
○	○	●	○
○	○	●	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	3	10,3
	14	2	110	20	11	9	3	12
	16	2	110	20	12	9	4	14
	18	2,5	125	33	14	11	4	15,5
	20	2,5	140	33	16	12	4	17,5
	22	2,5	140	33	18	14,5	4	19,5
	24	3	160	39	18	14,5	4	21

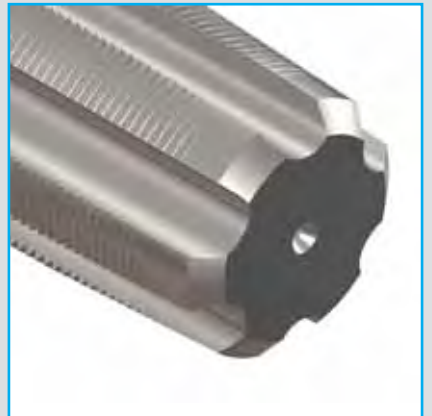
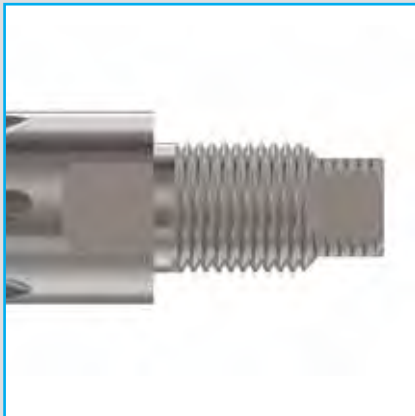
CODICE - CODE			
E61M...-7G	E61M... XP-7G	E61M...+0,1	E61M... XP+0,1
○	○	●	○
○	○	○	○
○	○	●	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

30 30 30 30

● Standard ○ Disponibilità da richiedere, prezzo a listino ★ Solo a richiesta  
 ● Standard ○ Lead time on enquiry, standard price-list ★ Only on request

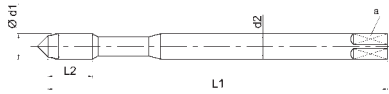




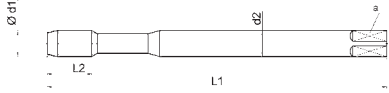
**N** USO GENERALE  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

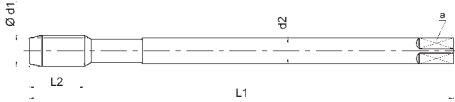
UFS norm



UFS norm



UFS norm



LINE



R40°

LINE



R40°



Profondità di filettatura - Thread depth

2,5xD

2,5xD

Materiale - Material

HSSE

HSSE

Tolleranza - Tolerance

ISO2/6H

ISO2/6H

Trattamento superficiale - Surface treatment

BR

TiCN

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

4.1 4.2

2.1 2.2 3.3 3.4

5.1 5.2

4.2 4.3

5.2

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,7	125	7	4,5	3,4	3	3,3
◀	5	0,8	140	8	6	4,9	3	4,2
◀	6	1	160	10	6	4,9	3	5
	8	1,25	180	13	8	6,2	3	6,8
	10	1,5	180	16	10	8	3	8,5

CODICE - CODE	
L60M...	L60M...CT
○	○
○	○
○	○
○	○
○	○

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	225	23	9	7	3	10,3
	14	2	225	23	11	9	4	12
	16	2	225	23	12	9	4	14

CODICE - CODE	
L61M...	L61M... CT
○	○
○	○
○	○

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

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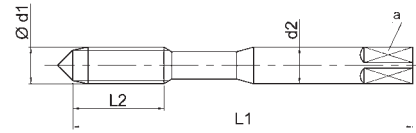
31

- Standard
- Standard

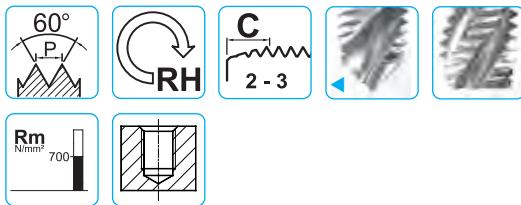
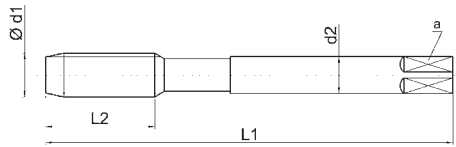
- Disponibilità da richiedere, prezzo a listino
- Lead time on enquiry, standard price-list

- ★ Solo a richiesta
- ★ Only on request

DIN  
371



DIN  
376



LINE



R45°

LINE



R45°

TOP



R45°

LINE



R45°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

HSSE

ISO2/6H

BR

1.1 4.1 4.2

5.1 5.2

6.1 7.1

8.1

3xD

HSSE

ISO2/6H

VS

1.1

4.1 4.2

5.1 5.2

8.1

3xD

HSSE

ISO2/6H

TXC

1.1

4.1 4.2 4.3

5.1 5.2

3xD

HSSE

ISO2/6H

ZrN

1.1

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	2	2,5
◀	4	0,7	63	13	4,5	3,4	2	3,3
◀	5	0,8	70	13	6	4,9	2	4,2
◀	6	1	80	16	6	4,9	2	5
◀	8	1,25	90	18	8	6,2	2	6,8
◀	10	1,5	100	20	10	8	2	8,5

E70M...	CODICE - CODE		
	E70M...VS	E70M...TXC	E70M...TZ
•	○	○	★
•	○	○	★
•	○	○	★
•	○	○	★
•	○	○	★
•	○	○	★

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	1	80	16	4,5	3,4	2	5
◀	8	1,25	90	18	6	4,9	2	6,8
◀	10	1,5	100	20	7	5,5	2	8,5
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	3	14

E71M...	CODICE - CODE		
	E71M...VS	E71M...TXC	E71M...TZ
○	○	○	-
○	○	○	-
○	○	○	-
•	○	○	★
•	○	○	★
•	○	○	★

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

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31

• Standard  
• Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

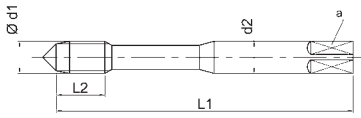
Al-Cu-Fe

ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm²

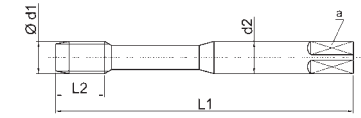
Aluminium, Cooper, Steel R ≤ 700 N/mm²

MASCHI A MACCHINA MACHINE TAPS

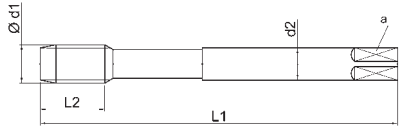
DIN 371



DIN 371



DIN 376



LINE



R40°



Profondità di filettatura - Thread depth

2,5xD

Materiale - Material

HSSE

Tolleranza - Tolerance

ISO2/6H

Trattamento superficiale - Surface treatment

CrN

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

E60M...NC		CODICE - CODE	
○			
○			
○			
○			
○			
○			

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	6	1	80	10	4,5	3,4	3	5
	8	1,25	90	13	6	4,9	3	6,8
	10	1,5	100	15	7	5,5	3	8,5
	12	1,75	110	18	9	7	3	10,3
	14	2	110	20	11	9	3	12
	16	2	110	20	12	9	4	14
	18	2,5	125	25	14	11	4	15,5
	20	2,5	140	25	16	12	4	17,5
	22	2,5	140	25	18	14,5	4	19,5
	24	3	160	30	18	14,5	4	21
	27	3	160	30	20	16	4	24
	30	3,5	180	35	22	18	4	26,5

E61M...NC		CODICE - CODE	
*			
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○			
○			
○			
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Confezione / Box:

M3 - M10: 10 pezzi / pcs  
M12 - M16: 5 pezzi / pcs

€ Pagina listino - Price list page

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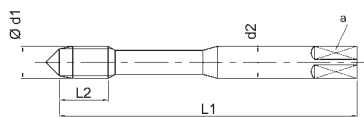
● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

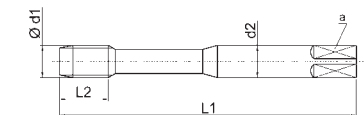
★ Solo a richiesta  
★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

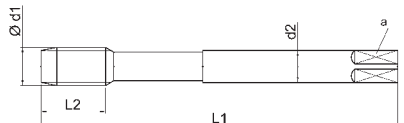
DIN 371



DIN 371



DIN 376



R40°



R40°



R40°



R40°



Profondità di filettatura - Thread depth

2,5xD

2,5xD

2,5xD

2,5xD

Materiale - Material

HSSP

HSSP

HSSP

HSSP

Tolleranza - Tolerance

ISO2/6H

ISO2/6H

ISO2/6H

ISO2/6H

Trattamento superficiale - Surface treatment

BR

V

TiN

XP

 Numero gruppi materiali  
 Material's groups number

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

4.1 4.2

4.1 4.2

3.3 3.4 4.1 4.2 4.3

2.1 2.2

5.1 5.2

5.1 5.2

5.1 5.2

3.3 3.4 4.2 4.3

5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	56	5	3,5	2,7	3	2,5	
4	0,7	63	7	4,5	3,4	3	3,3	
5	0,8	70	8	6	4,9	3	4,2	
6	1	80	10	6	4,9	3	5	
8	1,25	90	13	8	6,2	3	6,8	
10	1,5	100	15	10	8	3	8,5	

CODICE - CODE

P60M...

P60M...V

P60M...T

P60M...XP

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○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	18	9	7	4	10,3	
14	2	110	20	11	9	4	12	
16	2	110	20	12	9	4	14	
18	2,5	125	25	14	11	4	15,5	
20	2,5	140	25	16	12	4	17,5	
22	2,5	140	25	18	14,5	4	19,5	
24	3	160	30	18	14,5	4	21	
27	3	160	30	20	16	4	24	
30	3,5	180	35	22	18	4	26,5	

CODICE - CODE

P61M...

P61M...V

P61M...T

P61M...XP

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Confezione / Box:

M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

32

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32

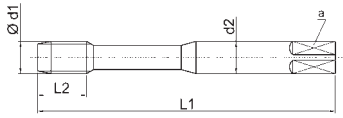
32

● Standard  
● Standard○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list★ Solo a richiesta  
★ Only on request

**N** USO GENERALE R ≤ 1000N/mm<sup>2</sup>  
General purpose R ≤ 1000N/mm<sup>2</sup>

**MASCHI A MACCHINA** MACHINE TAPS

DIN 371



DIN 376



60°  
RH  
E  
1,5 - 2  
Rm  
N/mm<sup>2</sup> 1000  
850  
8%Co



Profondità di filettatura - Thread depth	2,5xD	2,5xD	3xD	3xD
Materiale - Material	HSSP	HSSP	HSSP	HSSP
Tolleranza - Tolerance	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	XP	BR	XP
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4 4.1 4.2 5.1 5.2	1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.3 3.4 4.2 4.3 5.2	1.1 1.2 1.3 1.4 4.1 4.2 5.1 5.2	1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.3 3.4 4.2 4.3 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	4	0,7	63	7	4,5	3,4	3	3,3
	5	0,8	70	8	6	4,9	3	4,2
	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

CODICE - CODE			
P60EM...	P60EM...XP	P60EM...FOR	P60EM...FOR-XP
★	★	-	-
○	○	-	-
○	○	○	○
○	○	○	○
○	○	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	4	10,3
	14	2	110	20	11	9	4	12
	16	2	110	20	12	9	4	14

CODICE - CODE			
P61EM...	P61EM...XP	P61EM...FOR	P61EM...FOR-XP
○	○	○	○
○	○	○	○
○	○	○	○

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	33	33	33	33
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

## Filettatura metrica ISO passo grosso DIN 13

### ISO Metric coarse thread DIN 13

Metrisches ISO-Regelgewinde DIN 13 – Maschinengewindebohrer

Filetage métrique ISO DIN 13 – Tarauds machine

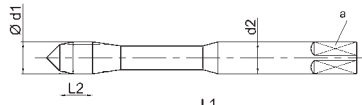
Rosca ISO métrica regular DIN 13 – Machos de rosca a máquina

N

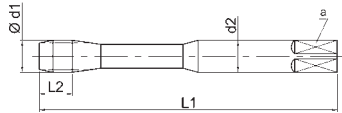
USO GENERALE  
General purpose

## MASCHI A MACCHINA MACHINE TAPS

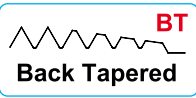
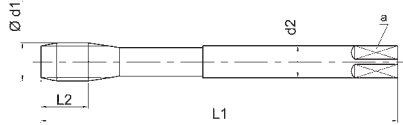
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



R40°

LINE



R40°

LINE



R40°

LINE



R40°

2,5+3xD

2,5+3xD

2,5+3xD

2,5+3xD

HSSE

HSSE

HSSE

HSSE

ISO2/6H

ISO2/6H

ISO2/6H

ISO2/6H

BR

V

TiN

XP

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

5.1 5.2

2.1 2.2

5.1 5.2

2.1 2.2

5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

CODICE - CODE

E80M...

E80M...V

E80M...T

E80M...XP

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DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1,25	90	13	6	4,9	3	6,8
	10	1,5	100	15	7	5,5	3	8,5
	12	1,75	110	18	9	7	3	10,3
	14	2	110	20	11	9	3	12
	16	2	110	20	12	9	4	14
	18	2,5	125	25	14	11	4	15,5
	20	2,5	140	25	16	12	4	17,5
	22	2,5	140	25	18	14,5	4	19,5
	24	3	160	30	18	14,5	4	21
	27	3	160	30	20	16	4	24
	30	3,5	180	35	22	18	4	26,5

CODICE - CODE

E81M...

E81M...V

E81M...T

E81M...XP

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Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

33

33

34

34

• Standard  
• Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

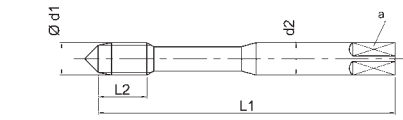
★ Solo a richiesta  
★ Only on request



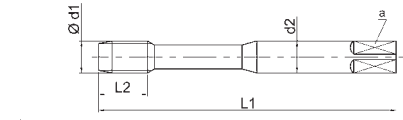
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

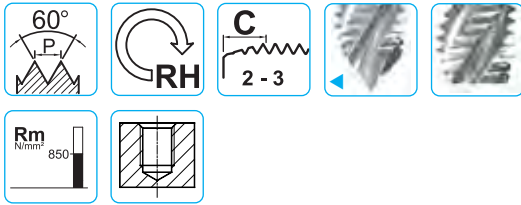
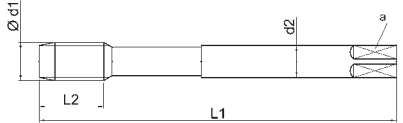
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth	3xD
Materiale - Material	HSSE
Tolleranza - Tolerance	ISO2/6H
Trattamento superficiale - Surface treatment	BR V TiN XP
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4 4.2 5.2

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.2 5.2	2.1 2.2	4.2 5.2	2.1 2.2
	4.2 5.2		4.2 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

CODICE - CODE			
E82M...	E82M...V	E82M...T	E82M...XP
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	4	10,3
	14	2	110	20	11	9	4	12
	16	2	110	20	12	9	4	14
	18	2,5	125	25	14	11	4	15,5
	20	2,5	140	25	16	12	4	17,5
	22	2,5	140	25	18	14,5	4	19,5
	24	3	160	30	18	14,5	4	21

CODICE - CODE			
E83M...	E83M...V	E83M...T	E83M...XP
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

Versione ad alto rendimento in PM3 pagina seguente.  
High performance PM3 edition in following page.

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	34	34	34	34
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

## Filettatura metrica ISO passo grosso DIN 13

### ISO Metric coarse thread DIN 13

Metrisches ISO-Regelgewinde DIN 13 – Maschinengewindebohrer

Filetage métrique ISO DIN 13 – Tarauds machine

Rosca ISO métrica regular DIN 13 – Machos de roscar a máquina

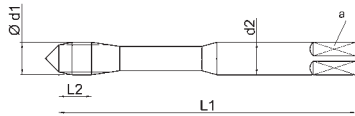
## MASCHI A MACCHINA MACHINE TAPS

U

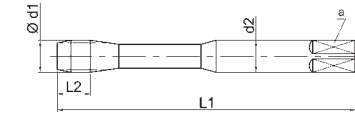
### APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm<sup>2</sup>

### Universal Applications R ≤ 1200 N/mm<sup>2</sup>

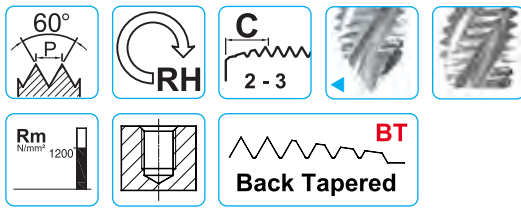
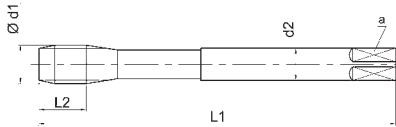
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

3xD

3,5xD

3,5xD

PM3

PM3

PM3

PM3

6HX

6HX

6HX

6HX

BR

XP

XP

XP

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

4.2 5.2

2.1 2.2 2.3

2.1 2.2 2.3

2.1 2.2 2.3

3.3 3.4 4.2 4.3

3.3 3.4 4.2 4.3

3.3 3.4 4.2 4.3

5.2

5.2

5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

CODICE - CODE	K82M...U				K82M...XP				K82M...FOR-XP				K82M...FOR-XP			
	*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	4	10,3
	14	2	110	20	11	9	4	12
	16	2	110	20	12	9	4	14
	18	2,5	125	25	14	11	4	15,5
	20	2,5	140	25	16	12	4	17,5
	22	2,5	140	25	18	14,5	4	19,5
	24	3	160	30	18	14,5	4	21

CODICE - CODE	K83M...U				K83M...XP				K83M...FOR-XP				K83M...FOR-XP			
	*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	
*	○	-	-	○	-	-	-	○	-	-	-	○	-	-	-	

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

35

35

35

35

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

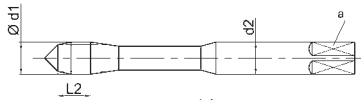
**SYNCHRO RIGID**

**MASCHIATURA RIGIDA SINCRONIZZATA**

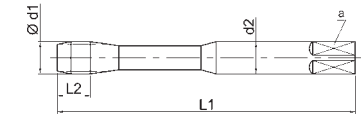
Rigid Tapping Synchro

**MASCHI A MACCHINA MACHINE TAPS**

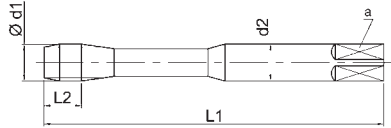
DIN 371



DIN 371



UFS norm



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

2,5xD	3xD
PM3	PM3
6HX	6HX
TXC	TXC
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4 3.3 3.4	2.1 2.2 2.3 2.4 3.3 3.4
4.2 4.3 5.2	4.2 4.3 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h6	a h12	Z	
6	1	80	10	6	4,9	3	5	
8	1,25	90	13	8	6,2	3	6,8	
10	1,5	100	15	10	8	3	8,5	

CODICE - CODE	
S80M...TXC	S80M...FOR-TXC
○	○
○	○
○	○

UFS norm	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h6	a h12	Z	
12	1,75	110	18	12	9	3	10,3	
14	2	110	20	12	9	3	12	
16	2	110	20	16	12	4	14	

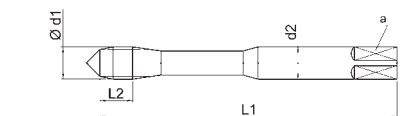
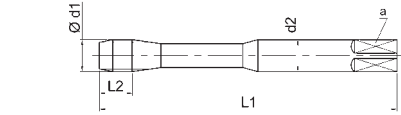
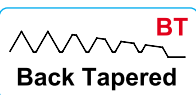
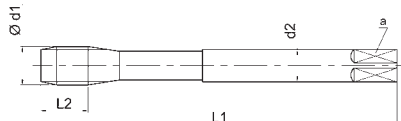
CODICE - CODE	
S80M...TXC	S80M...FOR-TXC
○	○
○	○
○	○

A richiesta:  
On request:

Con Weldon DIN1835 B

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	35	35	★ Solo a richiesta ★ Only on request
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## MASCHI A MACCHINA MACHINE TAPS

DIN  
371DIN  
371DIN  
376

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Acciai legati trattati  
Alloyed steel - tempered steel  
Fusioni d'acciaio  
Steel castingsNumero gruppi materiali  
Material's groups number

TOP



R25°

TOP



R25°

TOP



R25°

2,5xD

2,5xD

3xD

PM3

PM3

PM3

6HX

6HX

6HX

BR

TiCN

TiCN

1.4 1.5

1.4 1.5

1.4 1.5

3.3 3.4

3.3 3.4

3.3 3.4

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
	8	1,25	90	18	8	6,2	3	6,8
	10	1,5	100	20	10	8	3	8,5

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	4	10,3
	14	2	110	28	11	9	4	12
	16	2	110	28	12	9	4	14

K28M...	CODICE - CODE	
	K28M...CT	K28M...FOR-CT
○	○	-
○	○	-
○	○	○
○	○	○
○	○	○

K29M...	CODICE - CODE	
	K29M...CT	K29M...FOR-CT
○	○	○
○	○	○
○	○	○

Confezione / Box:  
M3 - M10: 10 pezzi / pcs  
M12 - M16: 5 pezzi / pcs

€ Pagina listino - Price list page

36

36

36

● Standard  
● Standard○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list★ Solo a richiesta  
★ Only on request

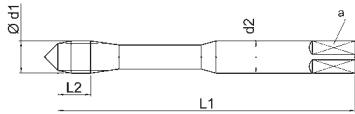
HR

ALTA RESISTENZA

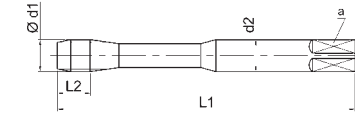
High Resistance

MASCHI A MACCHINA MACHINE TAPS

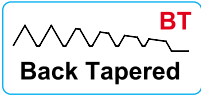
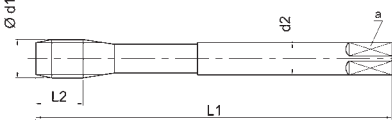
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

2,5xD	2,5xD	3xD
PM3	PM3	PM3
6HX	6HX	6HX
BR	TXC	TXC
1.4 1.5	1.4 1.5	1.4 1.5
3.3 3.4	3.3 3.4	3.3 3.4

Numero gruppi materiali  
 Material's groups number

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
3	0,5	56	5	3,5	2,7	3	2,5	◀
4	0,7	63	7	4,5	3,4	3	3,3	◀
5	0,8	70	8	6	4,9	3	4,2	◀
6	1	80	10	6	4,9	3	5	◀
8	1,25	90	13	8	6,2	3	6,8	
10	1,5	100	15	10	8	3	8,5	

K80M...HR	CODICE - CODE	
	K80M...TXC	K80M...FOR-TXC
*	o	-
*	o	-
*	o	-
*	o	o
*	o	o
*	o	o

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h9	a h12	Z	
12	1,75	110	18	9	7	4	10,3	
14	2	110	20	11	9	4	12	
16	2	110	20	12	9	4	14	

K81M...HR	CODICE - CODE	
	K81M...TXC	K81M...FOR-TXC
*	o	o
*	o	o
*	o	o

Novità / New  
 Rivestimento / Coating  
**TXC**

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	36	36	36
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

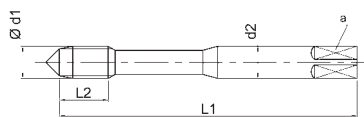
INOX

ACCIAIO INOSSIDABILE

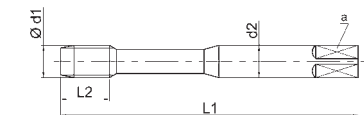
Stainless steel

## MASCHI A MACCHINA MACHINE TAPS

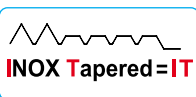
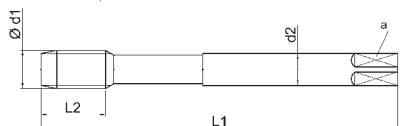
DIN 371



DIN 371



DIN 376



LINE



IT

R48°

TOP



R48°

Profondità di filettatura - Thread depth

2,5xD

3,5xD

Materiale - Material

HSSE

HSSV3

Tolleranza - Tolerance

6HX

6HX

Trattamento superficiale - Surface treatment

V

TXC

Numero gruppi materiali  
Material's groups number

2.1 2.2 2.3

1.3 1.4 1.5

2.1 2.2 2.3 2.4

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	5	3,5	2,7	3	2,5
◀	4	0,7	63	7	4,5	3,4	3	3,3
◀	5	0,8	70	8	6	4,9	3	4,2
◀	6	1	80	10	6	4,9	3	5
	8	1,25	90	13	8	6,2	3	6,8
	10	1,5	100	15	10	8	3	8,5

CODICE - CODE	
E80M...X-V	V82M...TXC
○	●
○	●
○	●
○	●
○	●
○	●

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	18	9	7	3	10,3
	14	2	110	20	11	9	3	12
	16	2	110	20	12	9	4	14
	18	2,5	125	25	14	11	4	15,5
	20	2,5	140	25	16	12	4	17,5
	22	2,5	140	25	18	14,5	4	19,5
	24	3	160	30	18	14,5	4	21

CODICE - CODE	
E81M...X-V	V83M...TXC
○	●
○	●
○	●
○	○ new
○	○ new
○	○ new
○	○ new

Sul tipo E80M...X-V si consiglia la filettatura rigida

On type E80M...X-V we recommend Syncro rigid threading:

Confezione / Box:

M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

37

37

● Standard  
● Standard○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list★ Solo a richiesta  
★ Only on request



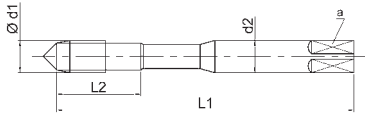
INOX

ACCIAIO INOSSIDABILE

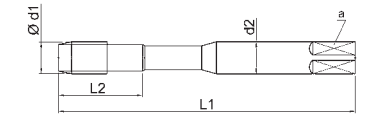
Stainless steel

MASCHI A MACCHINA MACHINE TAPS

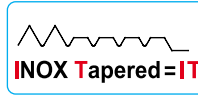
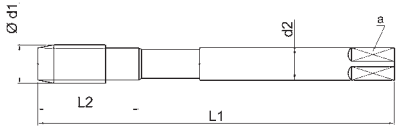
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

3,5xD	3,5xD
PM3	PM3
6HX	6HX
TXC	TXC
1.3 1.4 1.5	1.3 1.4 1.5
2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	3	2,5
◀	4	0,7	63	13	4,5	3,4	3	3,3
◀	5	0,8	70	13	6	4,9	3	4,2
◀	6	1	80	16	6	4,9	3	5
	8	1,25	90	18	8	6,2	3	6,8
	10	1,5	100	20	10	8	3	8,5

CODICE - CODE	
K82M...X-TXC	K82M...XFOR-TXC
○	-
○	-
○	-
○	○
○	○
○	○

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	3	10,3
	14	2	110	28	11	9	3	12
	16	2	110	28	12	9	4	14

CODICE - CODE	
K83M...X-TXC	K83M...XFOR-TXC
○	○
○	○
○	○

Consigliato per filettatura rigida  
 We recommend Syncro rigid threading



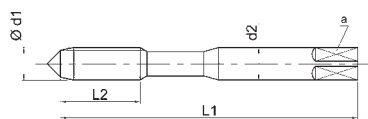
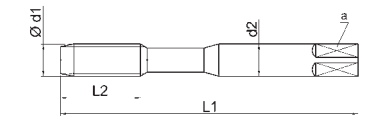
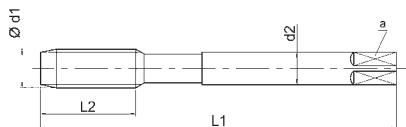


# ROLL FORM TAPS







**MASCHI A MACCHINA MACHINE TAPS**
**DIN 371**

**DIN 371**

**DIN 376**


Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

 Numero gruppi materiali  
 Material's groups number

LINE



LINE



LINE


**3xD**
**3xD**
**3xD**
**HSSP**
**HSSP**
**HSSP**
**6HX**
**6HX**
**6HX**
**BR**
**V**
**TiN**

1.1 1.2 1.3

1.1 1.2

1.1 1.2 1.3 1.4

4.1 4.2

4.1 4.2

2.1 2.2 2.3

5.1 5.2

5.1 5.2

4.1 4.2 4.3

5.1 5.2

DIN 371	$\varnothing d_1$ M	P mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	2	2,80
◀	3,5	0,6	56	11	4	3	2	3,25
◀	4	0,7	63	13	4,5	3,4	4	3,70
◀	5	0,8	70	13	6	4,9	5	4,65
◀	6	1	80	16	6	4,9	5	5,55
◀	8	1,25	90	18	8	6,2	5	7,40
◀	10	1,5	100	20	10	8	5	9,30
	8	1,25	90	18	8	6,2	5	7,40
	10	1,5	100	20	10	8	5	9,30

DIN 376	$\varnothing d_1$ M	P mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
	12	1,75	110	25	9	7	5	11,20
	14	2	110	28	11	9	6	13,10
	16	2	110	28	12	9	6	15,10

CODICE - CODE		
P2CCM...	P2CCM...V	P2CCM...T
•	○	•
*	*	*
•	○	•
•	○	•
•	○	•
•	○	•
•	○	•
•	○	•
P2CCM...SP	P2CCM...SP-V	P2CCM...SP-T
*	*	*
*	*	*

CODICE - CODE		
P2CCM...	P2CCM...V	P2CCM...T
○	○	○
○	○	○
○	○	○

 Confezione / Box:  
 M3 – M10: 10 pezzi / pcs  
 M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

**38**
**39**
**39**

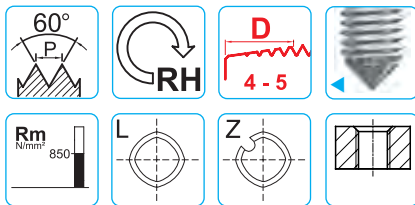
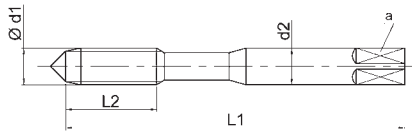
 • Standard  
 • Standard

 ○ Disponibilità da richiedere, prezzo a listino  
 ○ Lead time on enquiry, standard price-list

 ★ Solo a richiesta  
 ★ Only on request





DIN  
371

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE

New



LINE

New



LINE

New



LINE

New



3xD

3xD

3xD

3xD

HSSP

HSSP

HSSP

HSSP

6HX

6HX

6HX

6HX

BR

TiN

BR

TiN

1.1 1.2 1.3

1.1 1.2 1.3 1.4

1.1 1.2 1.3

1.1 1.2 1.3 1.4

4.1 4.2

2.1 2.2 2.3

4.1 4.2

2.1 2.2 2.3

4.1 4.2 4.3

4.1 4.2 4.3

5.1 5.2

5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	56	10	3,5	2,7	2	2,80	
4	0,7	63	13	4,5	3,4	4	3,70	
5	0,8	70	13	6	4,9	5	4,65	
6	1	80	16	6	4,9	5	5,55	
8	1,25	90	18	8	6,2	5	7,40	
10	1,5	100	20	10	8	5	9,30	

CODICE - CODE

P2SCM...FP	P2SCM...FP-T	P2CCM...FP	P2CCM...FP-T
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box:

M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

39

40

40

40

● Standard  
● Standard○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list★ Solo a richiesta  
★ Only on request

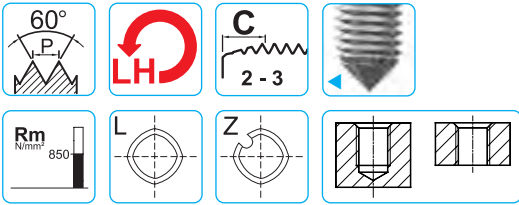
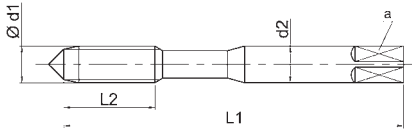
P - SERIES

MASCHI A RULLARE

Roll form taps

MASCHI A MACCHINA, FILETTATURA SINISTRA MACHINE TAPS

DIN 371



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

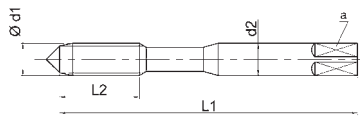
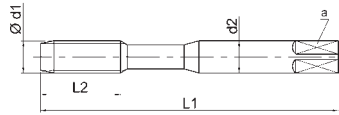
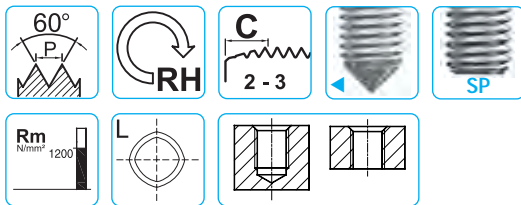
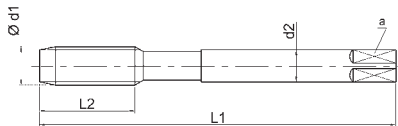
Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD	3xD
HSSP	HSSP	HSSP	HSSP
6HX	6HX	6HX	6HX
BR	TiN	BR	TiN
1.1 1.2 1.3	1.1 1.2 1.3 1.4	1.1 1.2 1.3	1.1 1.2 1.3 1.4
4.1 4.2	2.1 2.2 2.3	4.1 4.2	2.1 2.2 2.3
	4.1 4.2 4.3		4.1 4.2 4.3
	5.1 5.2		5.1 5.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	2	2,80
◀	4	0,7	63	13	4,5	3,4	4	3,70
◀	5	0,8	70	13	6	4,9	5	4,65
◀	6	1	80	16	6	4,9	5	5,55
◀	8	1,25	90	18	8	6,2	5	7,40
◀	10	1,5	100	20	10	8	5	9,30

P2SCM...LH	CODICE - CODE			P2CCM...LH-T
	P2SCM...LH-T	P2CCM...LH	P2CCM...LH-T	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	40	40	40	40
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

**DIN 371**

**DIN 371**

**DIN 376**


Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

 Numero gruppi materiali  
 Material's groups number

**TOP**

**TOP**

**TOP**

**TOP**

**3xD**
**PM3**
**6HX**
**CrN**

1.1 1.2

4.1 4.2 4.3

5.1 5.2

6.1

**3xD**
**PM3**
**6HX**
**TiN-G**

1.1 1.2 1.3 1.4 1.5

2.1 2.2 2.3 2.4

4.1 4.2 4.3

5.1 5.2 7.1 7.2

**3xD**
**PM3**
**6HX**
**TiCN**

1.1 1.2 1.3 1.4 1.5

2.1 2.2 2.3 2.4

4.1 4.2 4.3

5.1 5.2 7.1 7.2

**3xD**
**PM3**
**6GX**
**TiN-G**

1.1 1.2 1.3 1.4 1.5

2.1 2.2 2.3 2.4

4.1 4.2 4.3

5.1 5.2 7.1 7.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	-	2,80
◀	4	0,7	63	13	4,5	3,4	-	3,70
◀	5	0,8	70	13	6	4,9	-	4,65
◀	6	1	80	16	6	4,9	-	5,55
◀	8	1,25	90	18	8	6,2	-	7,40
◀	10	1,5	100	20	10	8	-	9,30
	8	1,25	90	18	8	6,2	-	7,40
	10	1,5	100	20	10	8	-	9,30

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	-	11,20
	14	2	110	28	11	9	-	13,10
	16	2	110	28	12	9	-	15,10

CODICE - CODE			
X2SCM...NC	X2SCM...TG	X2SCM...CT	X3SCM...TG
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
X2SCM ...SP-NC	X2SCM ...SP-TG	X2SCM ...SP-CT	X3SCM...SP-TG
*	*	*	*
*	*	*	*

CODICE - CODE			
X2SCM...NC	X2SCM...TG	X2SCM...CT	X3SCM...TG
○	○	○	○
○	○	○	○
○	○	○	○

**Novità / New**
**CrN**

Per materiali morbidi e pastosi tipo Al-Cu-Fe

For soft materials Al-Cu-Fe

 Confezione / Box:  
 M3 – M10: 10 pezzi / pcs  
 M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

**40**
**40**
**41**
**41**

 ● Standard  
 ● Standard

 ○ Disponibilità da richiedere, prezzo a listino  
 ○ Lead time on enquiry, standard price-list

 ★ Solo a richiesta  
 ★ Only on request

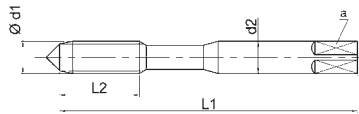
### X - SERIES

### MASCHI A RULLARE

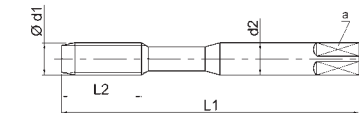
Roll form taps

### MASCHI A MACCHINA MACHINE TAPS

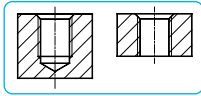
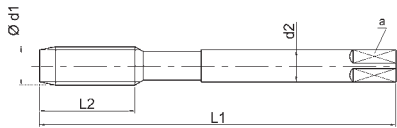
DIN 371



DIN 371



DIN 376



TOP



TOP



TOP



TOP



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

3xD

3xD

3xD

PM3

PM3

PM3

PM3

6HX

6HX

6HX

6GX

CrN

TiN-G

TiCN

TiN-G

1.1 1.2

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

4.1 4.2 4.3

2.1 2.2 2.3 2.4

2.1 2.2 2.3 2.4

2.1 2.2 2.3 2.4

5.1 5.2

4.1 4.2 4.3

4.1 4.2 4.3

4.1 4.2 4.3

6.1

5.1 5.2 7.1 7.2

5.1 5.2 7.1 7.2

5.1 5.2 7.1 7.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	2	2,80
◀	4	0,7	63	13	4,5	3,4	4	3,70
◀	5	0,8	70	13	6	4,9	5	4,65
◀	6	1	80	16	6	4,9	5	5,55
◀	8	1,25	90	18	8	6,2	5	7,40
◀	10	1,5	100	20	10	8	5	9,30
	8	1,25	90	18	8	6,2	5	7,40
	10	1,5	100	20	10	8	5	9,30

CODICE - CODE			
X2CCM...NC	X2CCM...TG	X2CCM...CT	X3CCM...TG
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
X2CCM ...SP-NC	X2CCM ...SP-TG	X2CCM ...SP-CT	X3CCM...SP-TG
★	★	★	★
★	★	★	★

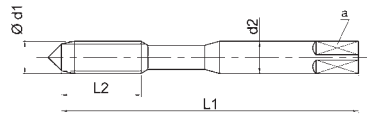
DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	-	11,20
	14	2	110	28	11	9	-	13,10
	16	2	110	28	12	9	-	15,10

CODICE - CODE			
X2CCM...NC	X2CCM...TG	X2CCM...CT	X3CCM...TG
○	○	○	○
○	○	○	○
○	○	○	○

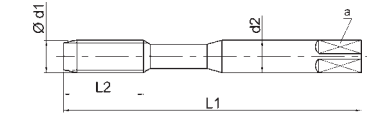
**Novità / New**  
**CrN**  
Per materiali morbidi e pastosi tipo Al-Cu-Fe  
For soft materials Al-Cu-Fe

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	41	41	41	41
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	

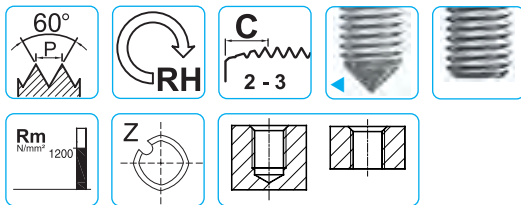
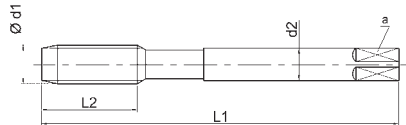
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

TOP



TOP



TOP



3xD

3xD

3xD

PM3

PM3

PM3

6HX

6HX

6HX

TXC

TiN-G

TiN-G

1.1 1.2

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

4.1 4.2 4.3

2.1 2.2 2.3 2.4

2.1 2.2 2.3 2.4

5.1 5.2

4.1 4.2 4.3

4.1 4.2 4.3

5.1 5.2 7.1 7.2

5.1 5.2 7.1 7.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	56	10	3,5	2,7	2	2,80
◀	4	0,7	63	13	4,5	3,4	4	3,70
◀	5	0,8	70	13	6	4,9	5	4,65
◀	6	1	80	16	6	4,9	5	5,55
◀	8	1,25	90	18	8	6,2	5	7,40
◀	10	1,5	100	20	10	8	5	9,30
◀	6	1	80	16	6	4,9	5	5,55
	8	1,25	90	18	8	6,2	5	7,40
	10	1,5	100	20	10	8	5	9,30
◀	6	1	80	16	6	4,9	2	5,55
◀	8	1,25	90	18	8	6,2	2	7,40
◀	10	1,5	100	20	10	8	2	9,30

DIN 376	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,75	110	25	9	7	5	11,20
	14	2	110	28	11	9	6	13,10
	16	2	110	28	12	9	6	15,10
	12	1,75	110	25	9	7	3	11,20
	14	2	110	28	11	9	3	13,10
	16	2	110	28	12	9	3	15,10

CODICE - CODE

X2CCM...TXC

◊

◊

◊

◊

◊

X2CCM...FOR-TG

-

-

-

X2CCM...FORY-TG

-

-

-

CODICE - CODE

X2CCM...TXC

X2CCM...FOR-TG

◊

◊

◊

X2CCM...FORY-TG

-

-

-

N° lobi / Lobes' Number

N° canali / Oil grooves' Number



Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

42

42

42

● Standard  
● Standard

◊ Disponibilità da richiedere, prezzo a listino  
◊ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request



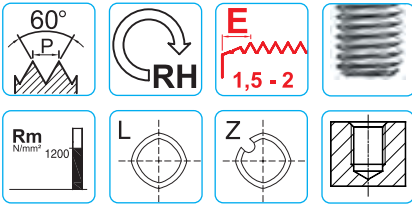
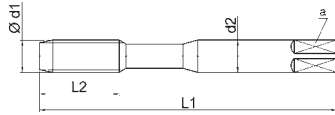
X - SERIES

MASCHI A RULLARE

Roll form taps

MASCHI A MACCHINA MACHINE TAPS

DIN 371



- Profondità di filettatura - Thread depth
- Materiale - Material
- Tolleranza - Tolerance
- Trattamento superficiale - Surface treatment
- Numero gruppi materiali - Material's groups number



3xD	3xD	3xD
PM3	PM3	PM3
6HX	6HX	6HX
<b>TiN-G</b>	<b>TiN-G</b>	<b>TiN-G</b>
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4
4.1 4.2 4.3	4.1 4.2 4.3	4.1 4.2 4.3
5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
6	1	80	16	6	4,9	5	5,55	
8	1,25	90	18	8	6,2	5	7,40	
10	1,5	100	20	10	8	5	9,30	

X2CEM...TG	CODICE - CODE	
	X2CCEM...TG	X2CCEM...FOR-TG
○	○	★
○	○	★
○	○	★



Serie X2 ed X3 a rullare: processo speciale di preparazione al trattamento TIN: la resa aumenta più del 100%!

Series X2 and X3 for rolling: special process for preparation to TIN treatment: an increase in efficiency of over 100%!

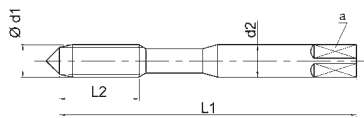
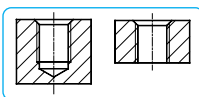
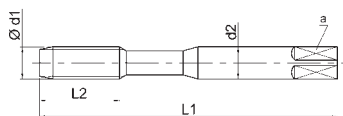
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	42	42	42
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

MASCHI A MACCHINA MACHINE TAPS

MDI-HM

METALLO DURO INTEGRALE - MASCHI A RULLARE

Hard metal - Roll form taps

DIN  
371DIN  
371

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

TOP



3xD

MDI/HM

6HX

TiN

1.1 1.2 1.3 1.4 1.5  
2.1 2.2 2.3 2.4  
4.1 4.2 4.3  
5.1 5.2 7.1 7.2

TOP



3xD

MDI/HM

6HX

TiCN

1.1 1.2 1.3 1.4 1.5  
2.1 2.2 2.3 2.4  
4.1 4.2 4.3  
5.1 5.2 7.1 7.2

DIN 371	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h6	a h12	Z	
5	0,8	70	8,5	6	4,9	-	4,65	
6	1	80	11	6	4,9	-	5,55	
8	1,25	90	14	8	6,2	-	7,40	
10	1,5	100	10	10	8	-	9,30	

CODICE - CODE

HM2SCM...FOR-T

HM2CCM...FOR-CT

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\*

\*

\*

\*

\*

\*

Confezione / Box:  
M3 - M10: 10 pezzi / pcs  
M12 - M16: 5 pezzi / pcs

€ Pagina listino - Price list page

42

42

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request







Standard e speciale: sulle esigenze del cliente  
*Standard and tailor-made special as customer requests*

**FLEXIBILITY**



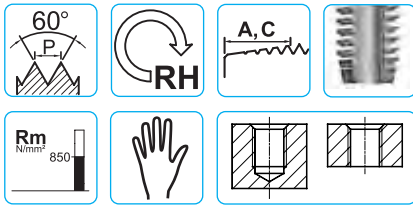
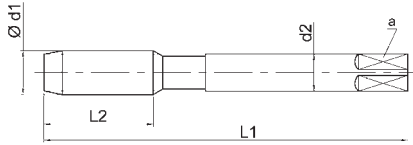






## MASCHI A MANO HAND TAPS

DIN 2181



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE

LINE

LINE



A  
5-6



C  
2-3



2xD

HSS

-

BR

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

2xD

HSS

ISO2/6H

BR

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

2xD

HSS

ISO2/6H

BR

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

DIN 2181	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	38	1,5	100	25	28	22	6	36,5
	39	1,5	110	25	32	24	6	37,5
	39	2	125	36	32	24	4	37
	39	3	125	36	32	24	4	36
	40	1,5	110	25	32	24	6	38,5
	40	2	125	36	32	24	5	38
	40	3	125	36	32	24	5	37
	42	1,5	110	25	32	24	6	40,5
	42	2	125	36	32	24	5	40
	42	3	125	36	32	24	5	39
	45	1,5	110	25	36	29	6	43,5
	45	2	125	36	36	29	5	43
	45	3	125	36	36	29	5	42
	48	1,5	140	36	36	29	6	46,5
	48	2	140	36	36	29	6	46
	48	3	140	36	36	29	6	45
	50	1,5	140	36	36	29	6	48,5
	50	2	140	36	36	29	6	48
	50	3	140	36	36	29	6	47
	52	1,5	140	36	40	32	6	50,5
	52	2	140	36	40	32	6	50
	52	3	140	36	40	32	6	49

CODICE - CODE		
01MF...	03MF...	00MF...
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
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*	○	○
*	○	○
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*	○	○
*	○	○
*	○	○
*	○	○
*	○	○

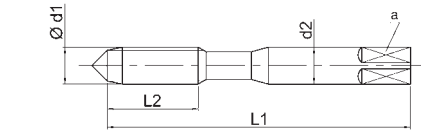
N

USO GENERALE

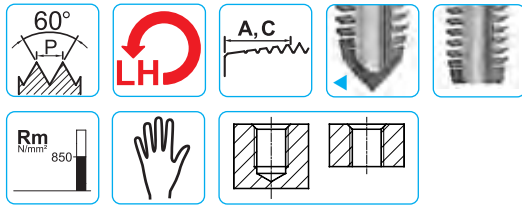
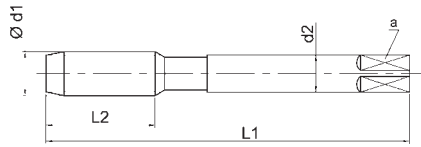
General purpose

MASCHI A MANO, FILETTATURA SINISTRA LEFT HAND TAPS

DIN 2181



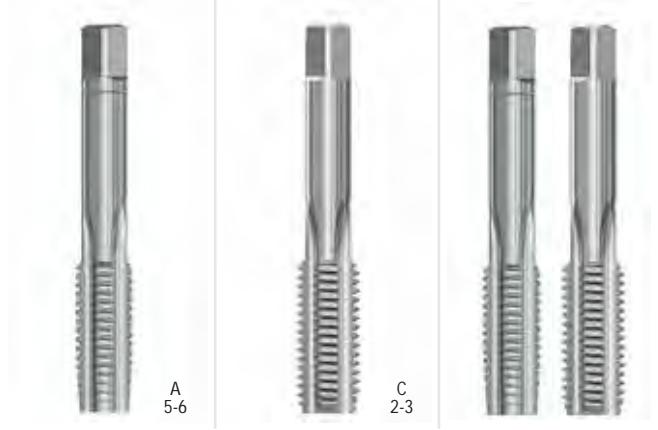
DIN 2181



LINE

LINE

LINE



2xD

2xD

2xD

HSS

HSS

HSS

-

ISO2/6H

ISO2/6H

BR

BR

BR

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

2.1 2.2 2.3 3.1 3.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4

4.1 4.2 4.3 4.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

5.1 5.2 5.3

5.1 5.2 5.3

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

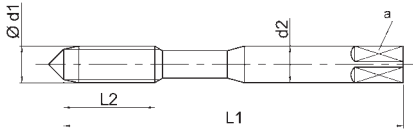
DIN 2181	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	45	11	4,5	3,4	3	3,5
◀	5	0,5	50	13	6	4,9	3	4,5
◀	6	0,75	56	15	6	4,9	3	5,25
	8	1	63	19	6	4,9	3	7
	10	1,25	70	22	7	5,5	3	8,75
	10	1	63	20	7	5,5	3	9
	11	1	63	20	8	6,2	3	10
	12	1,5	70	22	9	7	4	10,5
	12	1,25	70	22	9	7	4	10,75
	12	1	70	22	9	7	4	11
	14	1,5	70	22	11	9	4	12,5
	16	1,5	70	22	12	9	4	14,5
	18	1,5	80	22	14	11	4	16,5
	20	1,5	80	22	16	12	4	18,5

CODICE - CODE	01MF...LH			03MF...LH			00MF...LH		
	*	◊	●	*	◊	●	*	◊	●
	*	◊	◊						
	*	◊	◊						
	*	◊	◊						
	*	◊	●						
	*	◊	●						
	*	◊	◊						
	*	◊	●						
	*	◊	◊						
	*	◊	●						
	*	◊	◊						
	*	◊	●						
	*	◊	◊						
	*	◊	●						
	*	◊	◊						
	*	◊	●						
	*	◊	◊						
	*	◊	●						

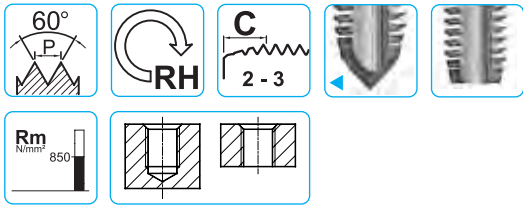
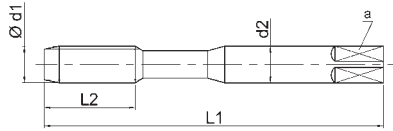
Confezione: Singola Box: Single	€ Pagina listino - Price list page	44	44	44
	● Standard	◊ Disponibilità da richiedere, prezzo a listino	● Standard	★ Solo a richiesta
	● Standard	◊ Lead time on enquiry, standard price-list	● Standard	★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 371



Profondità di filettatura - Thread depth

1,5xD

1,5xD

Materiale - Material

HSSE

HSSE

Tolleranza - Tolerance

ISO2/6H

ISO2/6H

Trattamento superficiale - Surface treatment

BR

TiN

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4 3.4

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

4.2 4.3 5.2 5.3

8.2

8.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	3	3,5
◀	5	0,5	70	13	6	4,9	3	4,5
◀	6	0,5	80	16	6	4,9	3	5,5
◀	6	0,75	80	16	6	4,9	3	5,25
◀	7	0,75	80	16	7	5,5	3	6,25
◀	8	0,5	90	18	8	6,2	3	7,5
◀	8	0,75	90	18	8	6,2	3	7,25
◀	8	1	90	18	8	6,2	3	7
	9	0,5	90	18	9	7	3	8,5
	9	0,75	90	18	9	7	3	8,25
	9	1	90	18	9	7	3	8
◀	10	0,5	90	15	10	8	3	9,5
◀	10	0,75	90	15	10	8	3	9,25
◀	10	1	90	15	10	8	3	9
◀	10	1,25	100	20	10	8	3	8,75

CODICE - CODE	
E20MF...	E20MF...T
○	*
○	*
○	*
●	○
○	*
○	*
○	*
●	○
*	*
*	*
○	*
○	*
○	*
●	○
●	○

Segue diametri  
Diameters, to be continued

▶ Pag. 87...92

Confezione: Singola  
Box: Single

€ Pagina listino - Price list page

45

45

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request



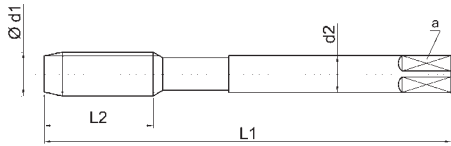




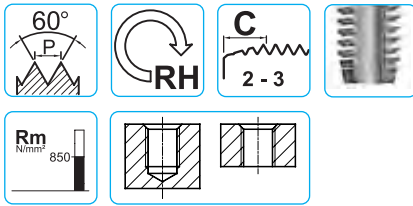


## MASCHI A MACCHINA MACHINE TAPS

DIN 374



LINE



Profondità di filettatura - Thread depth

1,5xD

Materiale - Material

HSSE

Tolleranza - Tolerance

ISO2/6H

Trattamento superficiale - Surface treatment

BR

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

8.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	36	1	170	30	28	22	5	35
	36	1,25	170	30	28	22	5	34,75
	36	1,5	170	30	28	22	5	34,5
	36	2	170	30	28	22	5	34
	36	3	200	50	28	22	4	33
	37	1	170	30	28	22	6	36
	37	1,5	170	30	28	22	6	35,5
	38	1	170	30	28	22	6	37
	38	1,5	170	30	28	22	6	36,5
	38	2	170	30	28	22	6	36
	38	3	200	50	28	22	4	35
	39	1	170	30	32	24	6	38
	39	1,5	170	30	32	24	6	37,5
	39	2	170	30	32	24	6	37
	39	3	200	50	32	24	4	36
	40	1	170	30	32	24	6	39
	40	1,5	170	30	32	24	6	38,5
	40	2	170	30	32	24	6	38
	40	3	200	50	32	24	5	37
	42	1	170	30	32	24	6	41
	42	1,5	170	30	32	24	6	40,5
	42	2	170	30	32	24	6	40
	42	3	200	55	32	24	5	39
	45	1	180	32	36	29	6	44
	45	1,5	180	32	36	29	6	43,5
	45	2	180	32	36	29	6	43
	45	3	200	50	36	29	5	42

■ = Acciaio HSS / HSS Steel

CODICE - CODE

E21MF...

○

○

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○

Segue diametri  
Diameters, to be continued

Pag. 91...92

Confezione: Singola  
Box: Single

€ Pagina listino - Price list page

45

● Standard  
● Standard

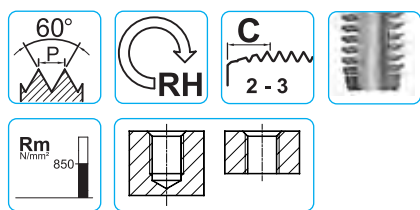
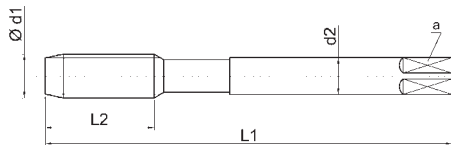
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

N USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

-DIN 374

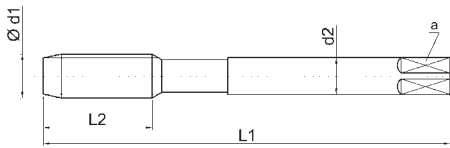


Profondità di filettatura - Thread depth	1,5xD
Materiale - Material	HSSE
Tolleranza - Tolerance	ISO2/6H
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4 3.4
	4.2 4.3 5.2 5.3
	8.2

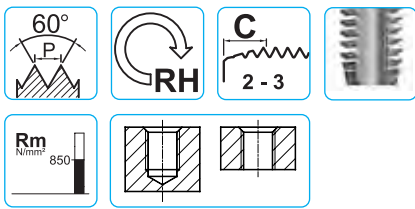
-DIN 374	Ød1 MF	P mm	L1	L2	d2 h9	a h12	Z		CODICE - CODE			
■	48	1	190	32	36	29	6	47	E21MF...	○		
■	48	1,5	190	32	36	29	6	46,5		○		
■	48	2	190	32	36	29	6	46		○		
■	*48	3	220	65	36	29	6	45		○		
■	49	1,5	190	32	36	29	6	47,5		○		
■	49	3	220	65	36	29	6	46		○		
■	50	1	190	32	36	29	6	49		○		
■	50	1,5	190	32	36	29	6	48,5		○		
■	50	2	190	32	36	29	6	48		○		
■	*50	3	220	65	36	29	6	47		○		
■	52	1,5	190	32	40	32	6	50,5		○		
■	52	2	190	32	40	32	6	50		○		
■	*52	3	220	65	40	32	6	49		○		
■	*54	1,5	190	32	40	32	6	52,5		○		
■	*54	2	190	32	40	32	6	52		○		
■	*55	1,5	190	32	40	32	6	53,5		○		
■	*55	2	190	32	40	32	6	53		○		
■	*55	3	220	65	40	32	6	52		○		
■	*56	1,5	190	32	40	32	6	54,5		○		
■	*56	2	190	32	40	32	6	54		○		
■	*56	3	220	65	40	32	6	53		○		
■	*56	4	220	65	40	32	6	52		○		
■	*58	1,5	190	32	40	32	6	56,5		*		
■	*58	2	190	32	40	32	6	56		*		
■	*58	3	220	65	40	32	6	55		*		
■ = Acciaio HSS / HSS Steel * Dimensioni a norma UFS / Dimensions according UFS' norms									Segue diametri Diameters, to be continued			

## MASCHI A MACCHINA MACHINE TAPS

UFS norm



LINE



Profondità di filettatura - Thread depth

1,5xD

Materiale - Material

HSSE

Tolleranza - Tolerance

ISO2/6H

Trattamento superficiale - Surface treatment

BR

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

8.2

UFS norm	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
■	* 60	1,5	190	32	45	35	6	58,5
■	* 60	2	190	32	45	35	6	58
■	* 60	3	220	65	45	35	6	57
■	* 60	4	220	65	45	35	6	56
■	* 62	1,5	190	32	50	39	6	60,5
■	* 62	2	190	32	50	39	6	60
■	* 63	1,5	190	32	50	39	6	61,5
■	* 64	1,5	190	32	50	39	6	62,5
■	* 64	2	190	32	50	39	6	62
■	* 64	3	220	65	50	39	6	61
■	* 64	4	220	65	50	39	6	60

CODICE - CODE

E21MF...

○

○

○

○

○

○

○

○

○

○

■ = Acciaio HSS / HSS Steel

\* Dimensioni a norma UFS / Dimensions to norm UFS

Confezione: Singola  
Box: Single

€ Pagina listino - Price list page

46

● Standard  
● Standard

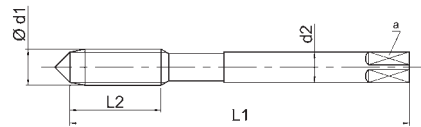
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

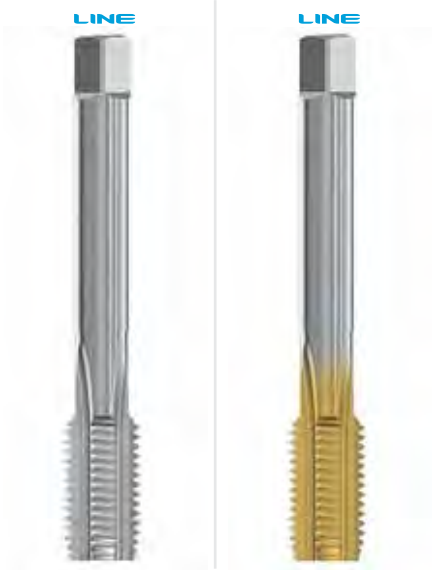
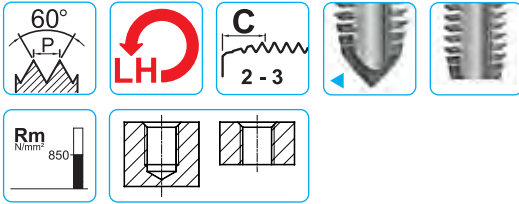
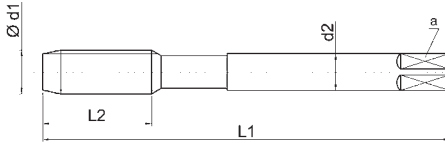
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA, FILETTATURA SINISTRA** MACHINE TAPS

DIN 374



DIN 374

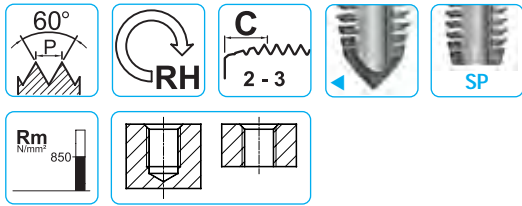
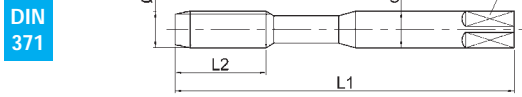
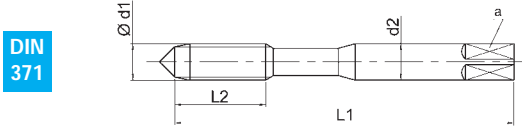


Profondità di filettatura - Thread depth	1,5xD	1,5xD
Materiale - Material	HSSE	HSSE
Tolleranza - Tolerance	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	TiN
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4
	4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3
	8.2	8.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	0,75	80	16	4,5	3,4	3	5,25
◀	8	1	90	18	6	4,9	3	7
◀	10	1	90	15	7	5,5	3	9
◀	10	1,25	100	20	7	5,5	3	8,75
	12	1,25	100	22	9	7	3	10,75
	12	1,5	100	22	9	7	3	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5
	18	1,5	110	25	14	11	4	16,5
	20	1,5	125	25	16	12	4	18,5

CODICE - CODE			
E21MF...LH	E21MF...LH-T		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
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○	○		
○	○		
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○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		

## MASCHI A MACCHINA MACHINE TAPS



Profondità di filettatura - Thread depth	3xD	3xD	3,5xD
Materiale - Material	HSSE	HSSE	HSSE
Tolleranza - Tolerance	6HX	6HX	6HX
Trattamento superficiale - Surface treatment	<b>NQ</b>	<b>NS</b>	<b>TiCN</b>
Al Si > 10%, Ottone / Brass	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5
Bronzo / and Bronze	4.3 4.4 4.5 4.6 5.3	4.3 4.4 4.5 4.6 5.3	4.3 4.4 4.5 4.6 5.3
a truciolo corto / with short chip	8.2 10.1	8.2 10.1	8.2 10.1
Numero gruppi materiali Material's groups number			

DIN 371	$\varnothing d_1$ MF	P mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
	4	0,5	63	13	4,5	3,4	3	3,5
	5	0,5	70	13	6	4,9	3	4,5
	6	0,75	80	16	6	4,9	3	5,25
	8	1	90	18	8	6,2	4	7
	10	1	90	15	10	8	4	9
	10	1,25	100	20	10	8	4	8,75
	6	0,75	80	16	6	4,9	3	5,25
	8	1	90	18	8	6,2	4	7
	10	1	90	15	10	8	4	9
	10	1,25	100	20	10	8	4	8,75

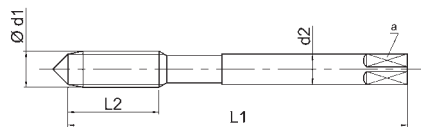
CODICE - CODE		
E26MF...NQ	E26MF...NS	E26MF...FOR-CT
-	○	
-	○	
-	○	
○	●	
○	○	
○	●	
★	★	★
○	○	○
○	○	○
○	○	○



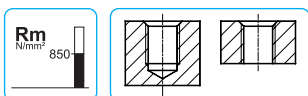
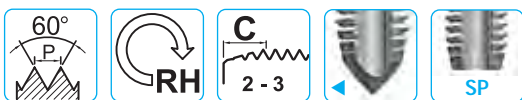
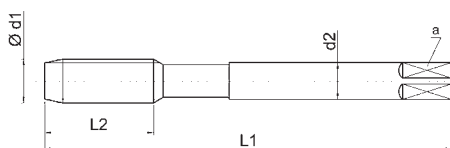
GG GHISA  
Cast Iron

MASCHI A MACCHINA MACHINE TAPS

DIN 374



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Al Si >10%,  
Ottone / Brass  
Bronzo / and Bronze  
a truciolo corto / with short chip

Numero gruppi materiali  
Material's groups number



DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Z	CODICE - CODE					
									E27MF...NQ	E27MF...NS	E27MF...FOR-CT			
◀ 8	1	90	18	6	4,9	4	7	○	○	-				
9	1	90	18	7	5,5	4	9	○	○	*				
◀ 10	1	90	15	7	5,5	4	9	○	○	-				
◀ 10	1,25	100	20	7	5,5	4	8,75	○	○	-				
12	1	100	22	9	7	4	11	○	●	○				
12	1,25	100	22	9	7	4	10,75	○	●	○				
12	1,5	100	22	9	7	4	10,5	○	●	○				
14	1	100	22	11	9	4	13	○	○	*				
14	1,25	100	22	11	9	4	12,75	○	○	*				
14	1,5	100	22	11	9	4	12,5	○	●	○				
16	1	100	22	12	9	4	15	○	○	*				
16	1,5	100	22	12	9	4	14,5	○	●	○				
18	1,5	110	25	14	11	4	16,5	○	○	○				
20	1,5	125	25	16	12	4	18,5	○	○	○				
22	1,5	125	25	18	14,5	4	20,5	*	*	*				
24	1,5	140	25	18	14,5	4	22,5	*	*	*				
24	2	140	25	18	14,5	4	22	*	*	*				
26	1,5	140	25	18	14,5	4	24,5	*	*	*				
27	1,5	140	25	20	16	4	25,5	*	*	*				
27	2	140	25	20	16	4	25	*	*	*				
30	1,5	150	28	22	18	4	28,5	*	*	*				
30	2	150	28	22	18	4	28	*	*	*				
									E27MF...SP-NS			E27MF...FOR-CT		
8	1	90	18	6	4,9	4	7	-	●	○				
10	1	90	15	7	5,5	4	9	-	●	○				
10	1,25	100	20	7	5,5	4	8,75	-	●	○				

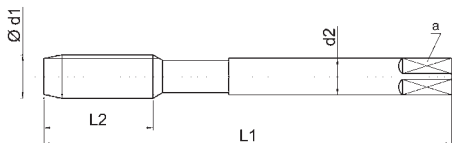
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page ● Standard ○ Standard	47 ○ Disponibilità da richiedere, prezzo a listino ○ Lead time on enquiry, standard price-list	47 * Solo a richiesta * Only on request	47 * Solo a richiesta * Only on request
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GG GHISA  
Cast Iron

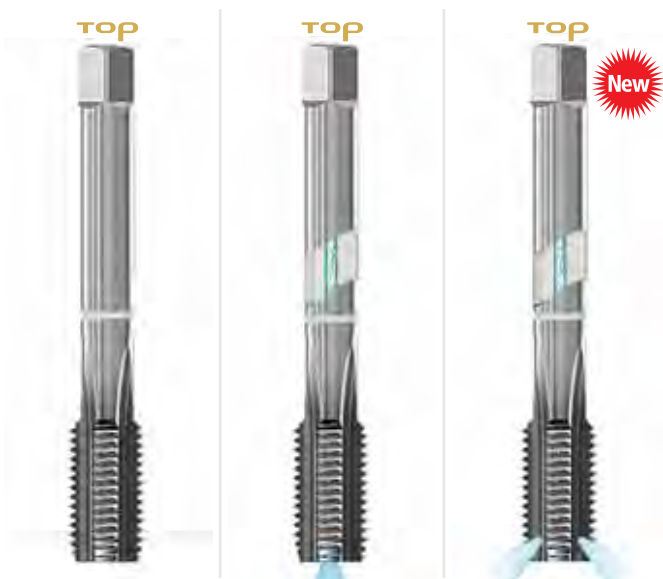
MASCHI A MACCHINA MACHINE TAPS

DIN 374



60° P<sub>r</sub> RH E 1,5 - 2

R<sub>m</sub> N/mm<sup>2</sup> 1400



Profondità di filettatura - Thread depth

3xD 3,5xD 3,5xD

Materiale - Material

PM3 PM3 PM3

Tolleranza - Tolerance

6HX 6HX 6HX

Trattamento superficiale - Surface treatment

TiAlN TiAlN TiAlN

Al Si > 10%,  
Ottone / Brass  
Bronzo / and Bronze  
a truciolo corto / with short chip

Numero gruppi materiali  
Material's groups number

3.1	3.2	3.3	3.4	3.5	3.1	3.2	3.3	3.4	3.5	3.1	3.2	3.3	3.4	3.5
4.4	5.3	4.4	5.3	4.4	5.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	18	6	4,9	4	7
	10	1	90	15	7	5,5	4	9
	10	1,25	100	20	7	5,5	4	8,75
	12	1,25	100	22	9	7	4	10,75
	12	1,5	100	22	9	7	4	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5
new	18	1,5	110	25	14	11	5	16,5
new	20	1,5	125	25	16	12	5	18,5
new	22	1,5	125	25	18	14,5	6	20,5
new	24	1,5	140	25	18	14,5	6	22,5

K27EMF...TX	CODICE - CODE	
	K27EMF...FOR-TX	K27EMF...FOR-TX
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
*	*	*
*	*	*
*	*	*
*	*	*



Nuovi Trattamenti di ricopertura XP e TXC: insuperabili!

New XP and TXC coating treatments: unbeatable!

Confezione / Box: M3 – M12: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	48	48	48
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

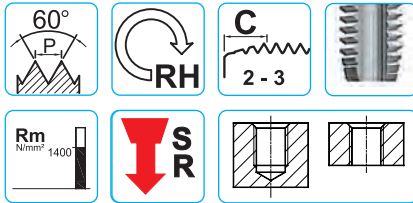
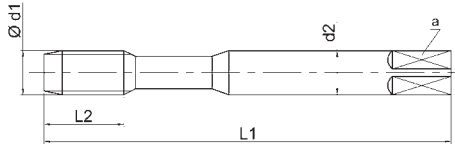
### MASCHI A MACCHINA MACHINE TAPS

### SYNCHRO RIGID

### MASCHIATURA RIGIDA SINCRONIZZATA

### Rigid Tapping Synchro

UFS norm



Profondità di filettatura - Thread depth

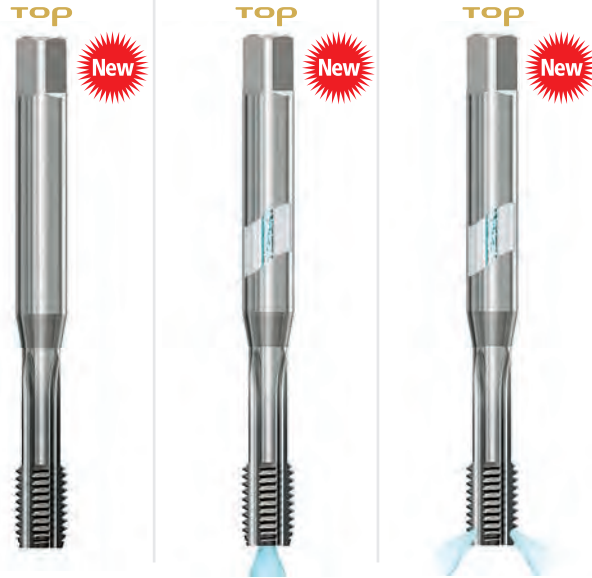
Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Ghisa / Cast iron  
Acciaio alta resistenza  
High resistance Steel  
Al Si > 10%

Numero gruppi materiali  
Material's groups number



3xD	3,5xD	3,5xD
PM3	PM3	PM3
6HX	6HX	6HX
TXC	TXC	TXC
1.5 1.6	1.5 1.6	1.5 1.6
3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5
4.3 4.4 4.5 4.6 5.3 5.4	4.3 4.4 4.5 4.6 5.3 5.4	4.3 4.4 4.5 4.6 5.3 5.4
8.2 8.3 10.1	8.2 8.3 10.1	8.2 8.3 10.1

UFS norm	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h6	a h12	Z	
8	1	90	13	8	6,2	4	7	
10	1	100	15	10	8	4	9	
10	1,25	100	15	10	8	4	8,75	
12	1,25	110	18	12	9	4	10,75	
12	1,5	110	18	12	9	4	10,5	
14	1,5	110	20	12	9	4	12,5	
16	1,5	110	20	16	12	4	14,5	

S20MF...TXC	CODICE - CODE	
	S20MF...FOR-TXC	S20MF...FOR-TXC
○	*	*
○	*	*
○	*	*
○	*	*
○	*	*
○	*	*
○	*	*

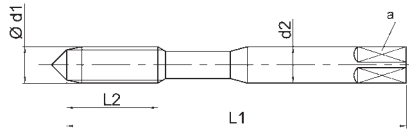
A richiesta:  
On request:

Con **Weldon** DIN1835 B

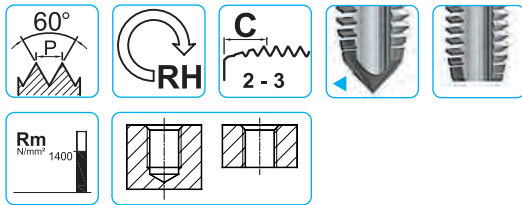
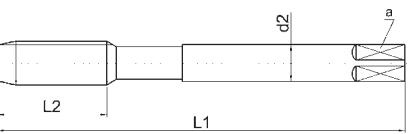
**HR** ALTA RESISTENZA  
High Resistance

**MASCHI A MACCHINA** MACHINE TAPS

DIN 371



DIN 374



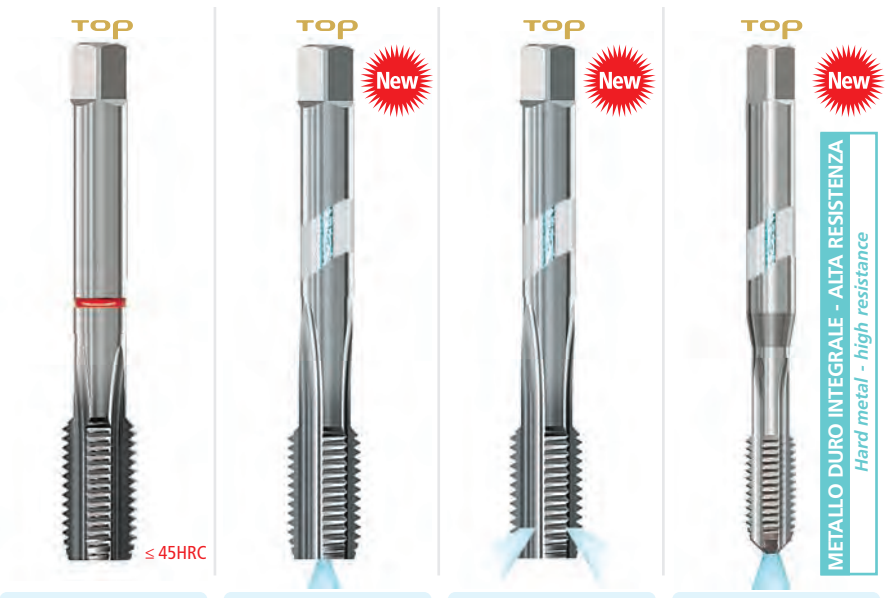
Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

Ghisa / Cast iron  
 Al Si > 10%  
 Ottone / Brass  
 e Bronzo / and Bronze  
 a truciolo corto / with short chip

Numero gruppi materiali  
 Material's groups number

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	18	8	6,2	-	7
	10	1	100	20	10	8	-	9
	10	1,25	100	20	10	8	-	8,75

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	18	6	4,9	4	7
	10	1	90	15	7	5,5	4	9
	10	1,25	100	20	7	5,5	4	8,75
	12	1,25	100	22	9	7	4	10,75
	12	1,5	100	22	9	7	4	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5
new	12	1,5	100	22	9	7	3	10,5
new	14	1,5	100	22	11	9	3	12,5
new	16	1,5	100	22	12	9	3	14,5
new	18	1,5	110	25	14	11	3	16,5
new	20	1,5	125	25	16	12	3	18,5
new	22	1,5	125	25	18	14,5	3	20,5
new	24	1,5	140	25	18	14,5	4	22,5



2xD	3,5xD	3,5xD	2xD
PM3	PM3	PM3	MDI-HM
6HX	ISO2/6H	ISO2/6H	6HX
TXC	TXC	TXC	BR
1.5 1.6	1.3 1.4 1.5 1.6	1.3 1.4 1.5 1.6	3.1 3.2 3.3 3.4 3.5
4.3 4.4 4.5 4.6 5.3 5.4	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	4.3 4.4 4.5 4.6
8.2 8.3 10.1	4.3 4.4 4.5 4.6 5.3 5.4	4.3 4.4 4.5 4.6 5.3 5.4	5.3 5.4 8.2 8.3
	8.2 8.3 10.1	8.2 8.3 10.1	10.1

CODICE - CODE		*HM20MF...FOR
		*
		*
		*

CODICE - CODE		*HM21MF...FOR
K21MF...TXC		*
○		-
○		-
○		-
○		*
○		*
○		*
○		*
	K23MF...FOR-TXC	K23MF...FOR-TXC
	○	*
	○	*
	○	*
	*	*
	*	*
	*	*
	*	*

\*A richiesta / On request:  
 Rivestimento / Coating:  
**TiCN**

Confezione / Box: M3 – M12: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	48	49	49	49
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

# MF

## Filettatura metrica ISO passo fine DIN 13

### ISO metric fine thread DIN13

Metrisches ISO-Feingewinde DIN 13 – Maschinengewindebohrer

Filetage métrique ISO à pas fin DIN 13 – Tarauds machine

Rosca ISO métrica fina DIN 13 – Machos de rosca a máquina



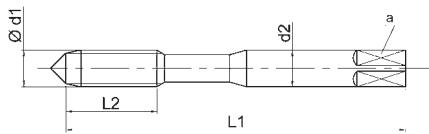
N

USO GENERALE

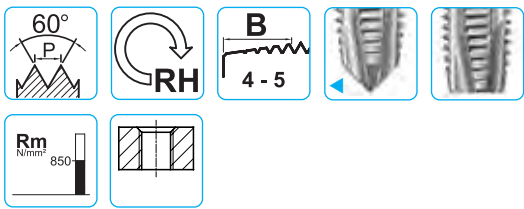
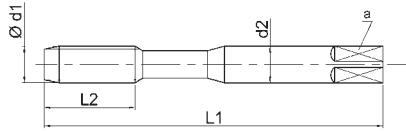
General purpose

## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 371



Profondità di filettatura - Thread depth
Materiale - Material
Tolleranza - Tolerance
Trattamento superficiale - Surface treatment
Numero gruppi materiali Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
<b>BR</b>	<b>V</b>	<b>TiN</b>	<b>TXC</b>
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 371	$\varnothing d1$ MF	P mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	3	3,5
◀	5	0,5	70	13	6	4,9	3	4,5
◀	6	0,75	80	16	6	4,9	3	5,25
◀	7	0,75	80	16	7	5,5	3	6,25
◀	8	0,75	90	18	8	6,2	3	7,25
◀	8	1	90	18	8	6,2	3	7
◀	9	1	90	18	9	7	3	8
◀	10	0,75	90	15	10	8	3	9,25
◀	10	1	90	15	10	8	3	9
◀	10	1,25	100	20	10	8	3	8,75

E24MF...	CODICE - CODE			E24MF...TXC
	E24MF...V	E24MF...T		
○	○	○	○	
○	○	○	○	
○	○	○	○	
○	○	○	○	
○	○	○	○	
○	○	○	○	
●	●	○	○	
○	○	○	○	
○	○	○	○	
●	●	○	○	
●	●	○	○	

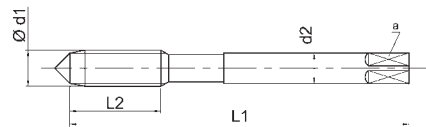
Segue diametri  
Diameters, to be continued ▶ Pag. 101...103



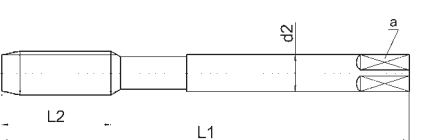
N **USO GENERALE**  
 General purpose

**MASCHI A MACCHINA** MACHINE TAPS

DIN 374



DIN 374



LINE



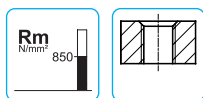
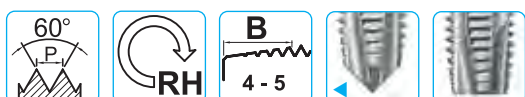
LINE



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TXC
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

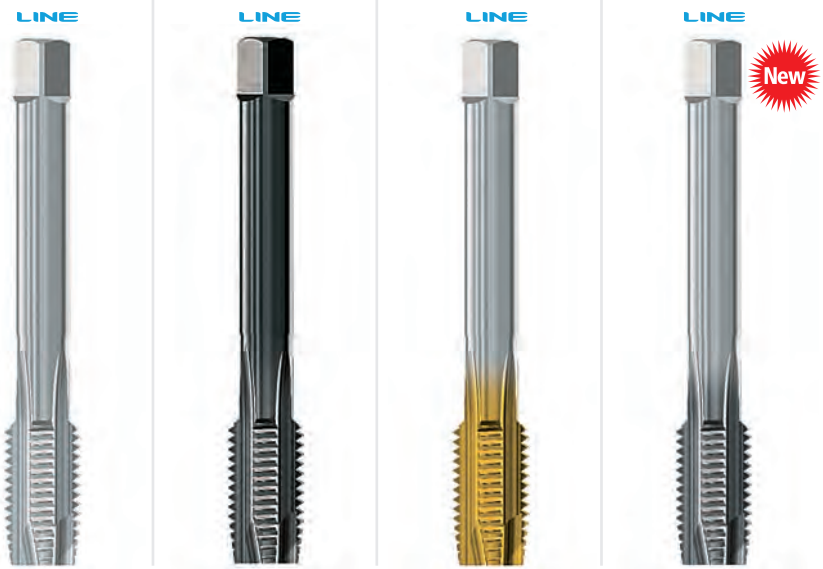
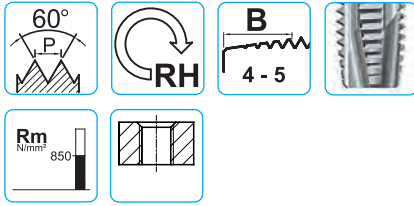
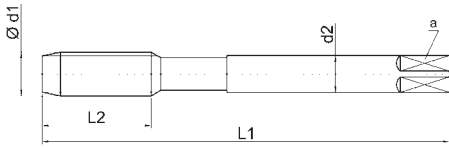
DIN 374	Ød1 MF	P mm	L1	L2	d2 h9	a h12	Z	Z	
◀	6	0,75	80	16	4,5	3,4	3	5,25	
◀	8	1	90	18	6	4,9	3	7	
◀	10	1	90	15	7	5,5	3	9	
◀	10	1,25	100	20	7	5,5	3	8,75	
	12	1	100	22	9	7	3	11	
	12	1,25	100	22	9	7	3	10,75	
	12	1,5	100	22	9	7	3	10,5	
	14	1	100	22	11	9	4	13	
	14	1,25	100	22	11	9	4	12,75	
	14	1,5	100	22	11	9	4	12,5	
	16	1	100	22	12	9	4	15	
	16	1,5	100	22	12	9	4	14,5	
	18	1	110	25	14	11	4	17	
	18	1,5	110	25	14	11	4	16,5	
	20	1	125	25	16	12	4	19	
	20	1,5	125	25	16	12	4	18,5	
	22	1	125	25	18	14,5	4	21	
	22	1,5	125	25	18	14,5	4	20,5	
	24	1	140	25	18	14,5	4	23	
	24	1,5	140	25	18	14,5	4	22,5	
	24	2	140	25	18	14,5	4	22	
	25	1,5	140	25	18	14,5	4	23,5	
	25	2	140	25	18	14,5	4	23	
	26	1,5	140	25	18	14,5	4	24,5	
	26	2	140	25	18	14,5	4	24	

CODICE - CODE			
E25MF...	E25MF...V	E25MF...T	E25MF...TXC
○	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

Segue diametri  
 Diameters, to be continued ▶ Pag. 102...103

## MASCHI A MACCHINA MACHINE TAPS

DIN 374



Profondità di filettatura - Thread depth	<input type="text" value="3xD"/>
Materiale - Material	<input type="text" value="HSSE"/>
Tolleranza - Tolerance	<input type="text" value="ISO2/6H"/>
Trattamento superficiale - Surface treatment	<input type="text" value="BR"/>
Numero gruppi materiali Material's groups number	<input type="text" value="1.1 1.2 1.3 1.4"/>

<input type="text" value="3xD"/>	<input type="text" value="3xD"/>	<input type="text" value="3xD"/>	<input type="text" value="3xD"/>
<input type="text" value="HSSE"/>	<input type="text" value="HSSE"/>	<input type="text" value="HSSE"/>	<input type="text" value="HSSE"/>
<input type="text" value="ISO2/6H"/>	<input type="text" value="ISO2/6H"/>	<input type="text" value="ISO2/6H"/>	<input type="text" value="ISO2/6H"/>
<input type="text" value="BR"/>	<input type="text" value="V"/>	<input type="text" value="TiN"/>	<input type="text" value="TXC"/>
<input type="text" value="1.1 1.2 1.3 1.4"/>	<input type="text" value="1.1 1.2 1.3 1.4"/>	<input type="text" value="1.1 1.2 1.3 1.4"/>	<input type="text" value="1.1 1.2 1.3 1.4"/>
<input type="text" value="4.1 4.2"/>	<input type="text" value="4.1 4.2"/>	<input type="text" value="3.3 3.4"/>	<input type="text" value="2.1 2.2 3.3 3.4"/>
<input type="text" value="5.1 5.2"/>	<input type="text" value="5.1 5.2"/>	<input type="text" value="4.1 4.2 4.3"/>	<input type="text" value="4.2 4.3"/>
<input type="text" value=""/>	<input type="text" value="6.1 7.1"/>	<input type="text" value="5.1 5.2"/>	<input type="text" value="5.2"/>

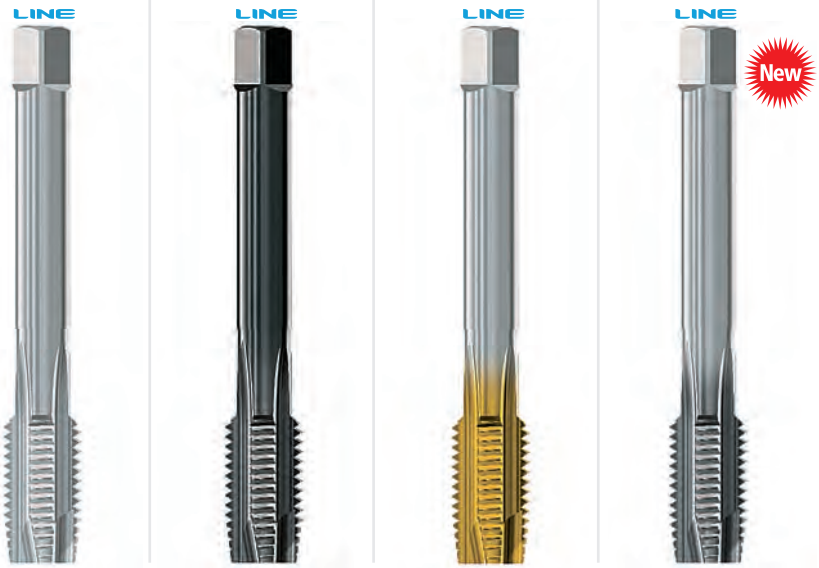
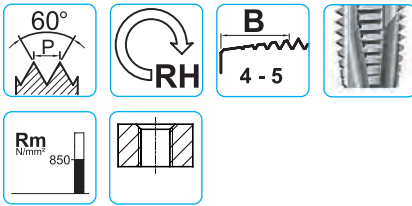
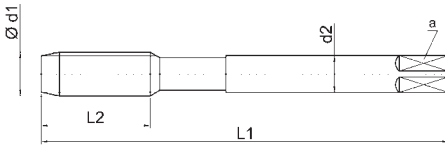
DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	27	1	140	25	20	16	4	26
	27	1,5	140	25	20	16	4	25,5
	27	2	140	25	20	16	4	25
	28	1,5	140	25	20	16	4	26,5
	28	2	140	25	20	16	4	26
	30	1,5	150	28	22	18	4	28,5
	30	2	150	28	22	18	4	28
	30	3	180	46	22	18	4	27
	32	1,5	150	28	22	18	5	30,5
	32	2	150	28	22	18	5	30
	33	1,5	160	30	25	20	5	31,5
	33	2	160	30	25	20	5	31
	33	3	180	46	25	20	4	30
	34	1,5	170	30	28	22	5	32,5
	35	1,5	170	30	28	22	5	33,5
	36	1,5	170	30	28	22	5	34,5
	36	2	170	30	28	22	5	34
	36	3	200	50	28	22	4	33
	38	1,5	170	30	28	22	6	36,5
	39	1,5	170	30	32	24	6	37,5
	40	1,5	170	30	32	24	6	38,5
	40	2	170	30	32	24	6	38
	40	3	200	50	32	24	5	37
	42	1,5	170	30	32	24	6	40,5
	42	2	170	30	32	24	6	40
	42	3	200	55	32	24	5	39

E25MF...	CODICE - CODE		
	E25MF...V	E25MF...T	E25MF...TXC
○	○	○	*
●	○	○	*
○	○	○	*
○	○	○	*
○	○	○	*
●	○	○	*
*	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*

**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

**DIN 374**



**New**

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
<b>BR</b>	<b>V</b>	<b>TiN</b>	<b>TXC</b>
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 374	Ød1 MF	P mm	L1	L2	d2 h9	a h12	Z	Icona
■	45	1	180	32	36	29	6	44
■	45	1,5	180	32	36	29	6	43,5
■	45	2	180	32	36	29	6	43
■	45	3	200	50	36	29	5	42
■	48	1,5	190	32	36	29	6	46,5
■	48	2	190	32	36	29	6	46
■	48	3	220	65	36	29	6	45
■	50	1,5	190	32	36	29	6	48,5
■	50	2	190	32	36	29	6	48
■	50	3	220	65	36	29	6	47
■	52	1,5	190	32	40	32	6	50,5
■	52	2	190	32	40	32	6	50
■	52	3	220	65	40	32	6	49

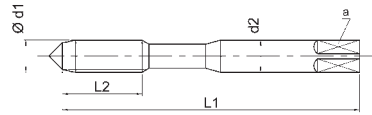
CODICE - CODE			
E25MF...	E25MF...V	E25MF...T	E25MF...TXC
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

■ = Acciaio HSS / HSS Steel

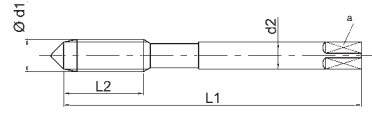
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	50	50	51	51
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	

## MASCHI A MACCHINA, FILETTATURA SINISTRA MACHINE TAPS

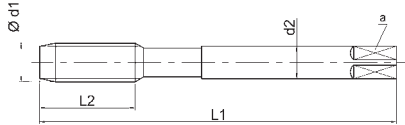
DIN 371



DIN 374



DIN 374



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

3xD

HSSE

HSSE

6H

6H

BR

TiN

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

4.1 4.2

3.3 3.4

5.1 5.2

4.1 4.2 4.3

5.1 5.2

DIN	$\varnothing d1$	P	$L_1$	$L_2$	$d_2$	a	Z	
371	MF	mm			h9	h12		
◀	8	1	90	18	8	6,2	3	7
◀	10	1	90	15	10	8	3	9
◀	10	1,25	100	20	10	8	3	8,75

CODICE - CODE	
E24MF...LH	E24MF...LH-T
*	*
*	*
*	*

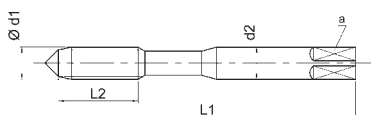
DIN	$\varnothing d1$	P	$L_1$	$L_2$	$d_2$	a	Z	
374	MF	mm			h9	h12		
◀	8	1	90	18	6	4,9	3	7
◀	10	1	90	15	7	5,5	3	9
◀	10	1,25	100	20	7	5,5	3	8,75
	12	1,25	100	22	9	7	3	10,75
	12	1,5	100	22	9	7	3	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5

CODICE - CODE	
E25MF...LH	E25MF...LH-T
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○

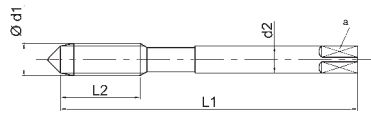
**N** USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

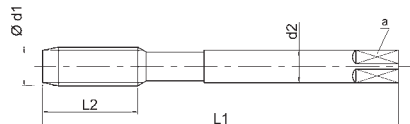
DIN 371



DIN 374



DIN 374



LINE



LINE



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD

3xD

3xD

3xD

HSSE

HSSE

HSSE

HSSE

ISO1/4H

ISO3/6G

7G(6H+0,05)

6H+0,1

BR

BR

BR

BR

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

4.1 4.2

4.1 4.2

4.1 4.2

4.1 4.2

5.1 5.2

5.1 5.2

5.1 5.2

5.1 5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	18	8	6,2	3	7
◀	10	1	90	15	10	8	3	9
◀	10	1,25	100	20	10	8	3	8,75

CODICE - CODE			
E24MF...4H	E24MF...6G	E24MF...7G	E24MF...+0,1
*	*	*	*
*	*	*	*
*	*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	18	6	4,9	3	7
◀	10	1	90	15	7	5,5	3	9
◀	10	1,25	100	20	7	5,5	3	8,75
	12	1,25	100	22	9	7	3	10,75
	12	1,5	100	22	9	7	3	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5

CODICE - CODE			
E25MF...4H	E25MF...6G	E25MF...7G	E25MF...+0,1
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○
○	●	○	○

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

52 52 52 52

● Standard ○ Disponibilità da richiedere, prezzo a listino ★ Solo a richiesta

○ Standard ○ Lead time on enquiry, standard price-list ★ Only on request

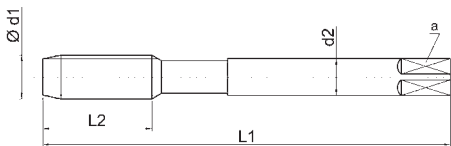




**N** USO GENERALE R ≤ 1000N/mm<sup>2</sup>  
 General purpose R ≤ 1000N/mm<sup>2</sup>

**MASCHI A MACCHINA** MACHINE TAPS

**DIN 374**



- 60° angle
- RH (Right Hand)
- B 4-5 (Flutes)
- Rm N/mm<sup>2</sup> 1000 / 850
- 8%Co

Profondità di filettatura - Thread depth	3xD	3xD	3xD	3xD
Materiale - Material	HSSP	HSSP	HSSP	HSSP
Tolleranza - Tolerance	6H	6H	6H	6H
Trattamento superficiale - Surface treatment	BR	V	TiN	TiCN
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
	4.1 4.2	4.1 4.2	3.3 3.4 4.1 4.2 4.3	2.1 2.2
	5.1 5.2	5.1 5.2	5.1 5.2	3.3 3.4 4.2 4.3
		6.1 7.1		5.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	18	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	20	7	5,5	3	8,75
	12	1,25	100	22	9	7	4	10,75
	12	1,5	100	22	9	7	4	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5
	18	1,5	110	25	14	11	4	16,5
	20	1,5	125	25	16	12	4	18,5

CODICE - CODE			
P25MF...	P25MF...V	P25MF...T	P25MF...CT
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○

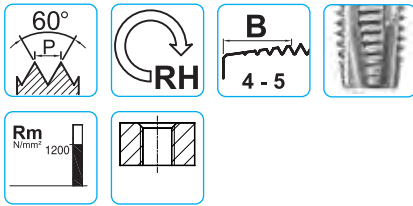
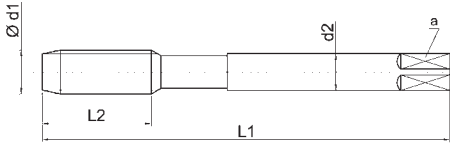
## MASCHI A MACCHINA MACHINE TAPS

U

APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm<sup>2</sup>

Universal Applications R ≤ 1200 N/mm<sup>2</sup>

DIN 374



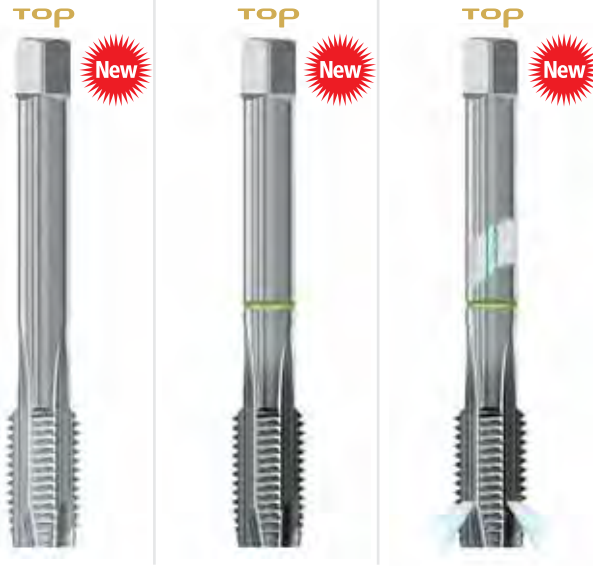
Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3,5xD
PM3	PM3	PM3
6HX	6HX	6HX
BR	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.1 4.2	2.1 2.2 2.3	2.1 2.2 2.3
5.1 5.2	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
8	1	90	18	6	4,9	3	7	
10	1	90	15	7	5,5	3	9	
10	1,25	100	20	7	5,5	3	8,75	
12	1,25	100	22	9	7	4	10,75	
12	1,5	100	22	9	7	4	10,5	
14	1,5	100	22	11	9	4	12,5	
16	1,5	100	22	12	9	4	14,5	
18	1,5	110	25	14	11	4	16,5	
20	1,5	125	25	16	12	4	18,5	

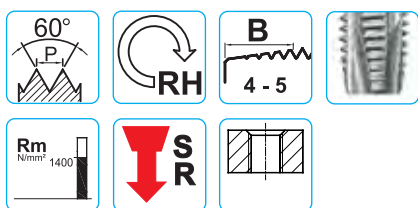
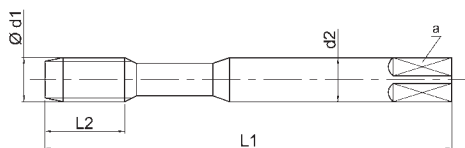
K25MF...U	CODICE - CODE	
	K25MF...XP	K25MF...FORY-XP
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*

**SYNCHRO RIGID**

**MASCHIATURA RIGIDA SINCRONIZZATA**  
Rigid Tapping Synchro

**MASCHI A MACCHINA** MACHINE TAPS

UFS norm



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number



3xD	3,5xD
PM3	PM3
6HX	6HX
<b>TXC</b>	<b>TXC</b>
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4 3.3 3.4	2.1 2.2 2.3 2.4 3.3 3.4
4.1 4.2 4.3 4.5 4.6 5.1	4.1 4.2 4.3 4.5 4.6 5.1
5.2 5.3 6.1 6.2 7.1 7.2	5.2 5.3 6.1 6.2 7.1 7.2

UFS norm	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h6	a h12	Z	
	8	1	90	13	8	6,2	3	7
	10	1	100	15	10	8	3	9
	10	1,25	100	15	10	8	3	8,75
	12	1,25	110	18	12	9	3	10,75
	12	1,5	110	18	12	9	3	10,5
	14	1,5	110	20	12	9	3	12,5
	16	1,5	110	20	16	12	4	14,5

CODICE - CODE	
S24MF...TXC	S24MF...FORY-TXC
○	*
○	*
○	*
○	*
○	*
○	*
○	*

A richiesta:  
 On request:

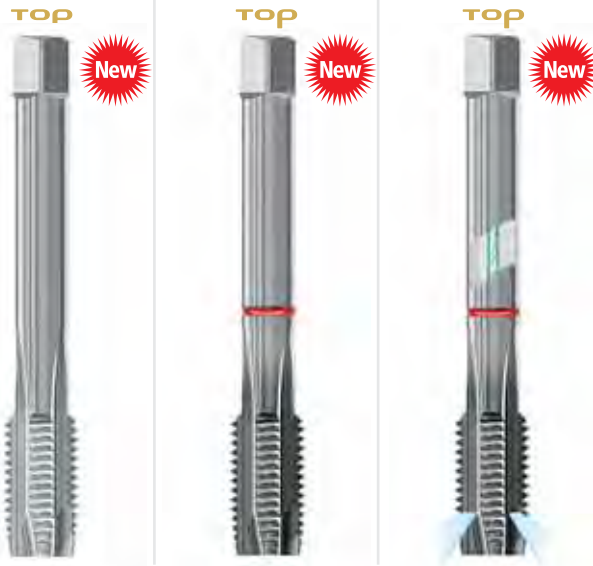
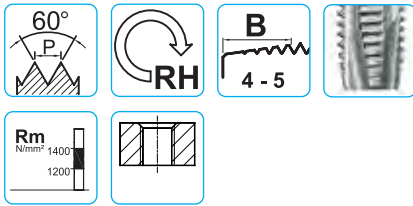
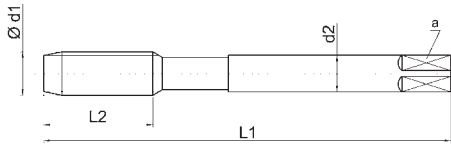
Con **Weldon** DIN1835 B

## MASCHI A MACCHINA MACHINE TAPS

**HR**

**ALTA RESISTENZA**  
High Resistance

DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3,5xD
PM3	PM3	PM3
6HX	6HX	6HX
BR	TXC	TXC
1.5 1.6	1.5 1.6	1.5 1.6
3.3 3.4	3.3 3.4	3.3 3.4
4.4 5.3	4.4 5.3	4.4 5.3

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
8	1	90	18	6	4,9	3	7	
10	1	90	15	7	5,5	3	9	
10	1,25	100	20	7	5,5	3	8,75	
12	1,25	100	22	9	7	4	10,75	
12	1,5	100	22	9	7	4	10,5	
14	1,5	100	22	11	9	4	12,5	
16	1,5	100	22	12	9	4	14,5	

K25MF...HR	CODICE - CODE	
	K25MF...TXC	K25MF...FORY-TXC
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*

Novità / New  
Rivestimento / Coating



Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

54

54

54

● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

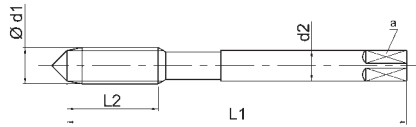
★ Solo a richiesta  
★ Only on request

**INOX**

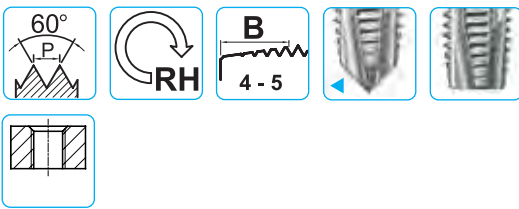
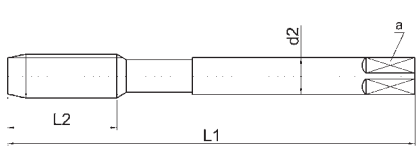
**ACCIAIO INOSSIDABILE**  
*Stainless steel*

**MASCHI A MACCHINA MACHINE TAPS**

DIN 374



DIN 374



**LINE**



**TOP**



**TOP**



**TOP**



MF

Profondità di filettatura - Thread depth	3xD	3xD	3xD	3,5xD
Materiale - Material	HSSE	HSSV3	PM3	PM3
Tolleranza - Tolerance	6HX	6HX	6HX	6HX
Trattamento superficiale - Surface treatment	V	TXC	TXC	TXC
Numero gruppi materiali Material's groups number	2.1 2.2 2.3	1.3 1.4 1.5	1.3 1.4 1.5 1.6	1.3 1.4 1.5 1.6
		2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4

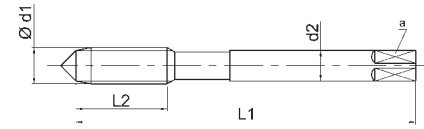
DIN 374	Ød1 MF	P mm	L1	L2	d2 h9	a h12	Z	Z	
◀	8	1	90	18	6	4,9	3	7	
◀	10	1	90	15	7	5,5	3	9	
◀	10	1,25	100	20	7	5,5	3	8,75	
	12	1,25	100	22	9	7	3	10,75	
	12	1,5	100	22	9	7	3	10,5	
	14	1,5	100	22	11	9	4	12,5	
	16	1,5	100	22	12	9	4	14,5	
	18	1,5	110	25	14	11	4	16,5	
	20	1,5	125	25	16	12	4	18,5	
	22	1,5	125	25	18	14,5	4	20,5	
	24	1,5	140	25	18	14,5	4	22,5	

E25MF...X-V	CODICE - CODE		
	V25MF...TXC	K25MF...X-TXC	K25MF...XFORV-TXC
○	●	○	★
○	●	○	★
○	●	○	★
○	●	○	★
○	●	○	★
○	●	○	★
○	●	○	★
★	★	★	★
★	★	★	★
★	★	★	★
★	★	★	★
★	★	★	★
★	★	★	★
★	★	★	★

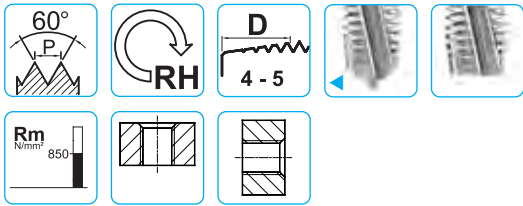
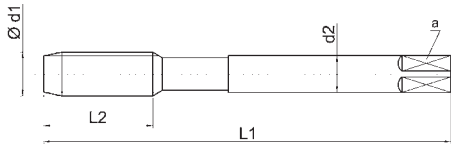
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	54	54	55	55
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Standard	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

DIN 374



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



L15°

LINE



L15°

LINE



L15°

New

3xD

3xD

3xD

HSSE

HSSE

HSSE

ISO2/6H

ISO2/6H

ISO2/6H

BR

V

XP

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

4.2 5.2

6.1 7.1

3.3 3.4

4.3 5.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	0,75	80	16	4,5	3,4	3	5,25
◀	8	1	90	18	6	4,9	3	7
◀	10	1	90	15	7	5,5	3	9
◀	10	1,25	100	20	7	5,5	3	8,75
	12	1	100	22	9	7	3	11
	12	1,25	100	22	9	7	3	10,75
	12	1,5	100	22	9	7	3	10,5
	14	1	100	22	11	9	3	13
	14	1,25	100	22	11	9	3	12,75
	14	1,5	100	22	11	9	3	12,5
	16	1	100	22	12	9	3	15
	16	1,25	100	22	12	9	3	14,75
	16	1,5	100	22	12	9	3	14,5
	18	1,5	110	25	14	11	4	16,5
	20	1	125	25	16	12	4	19
	20	1,5	125	25	16	12	4	18,5
	22	1,5	125	25	18	14,5	4	20,5
	24	1,5	140	25	18	14,5	4	22,5
	24	2	140	25	18	14,5	4	22
	26	1,5	140	25	18	14,5	4	24,5
	27	2	140	25	20	16	4	25
	30	1,5	150	28	22	18	4	28,5
	30	2	150	28	22	18	4	28

\* Per MJ vedi tabella di foratura pag. 252  
\* Drills' diameters for MJ: table 252

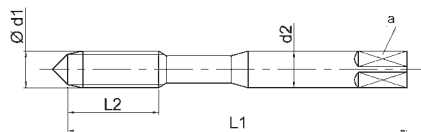
Da usare in alternativa ai maschi con imbocco corretto per fori profondi specialmente in filettatura orizzontale.  
To be used with deep holes, specially in horizontal threading.



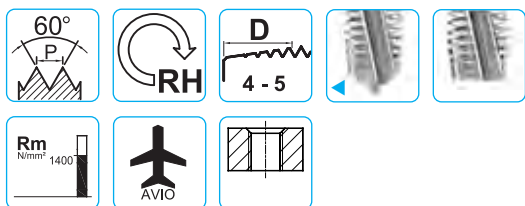
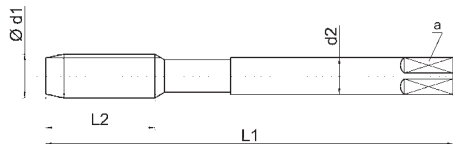
Ti TITANIO Titanium

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	18	8	6,2	3	*7
◀	10	1	100	20	10	8	3	*9
◀	10	1,25	100	20	10	8	3	*8,75

CODICE - CODE		
K52MF...V	K52MF...CT	K52MF...V-4HX
○	○	*
○	○	*
○	○	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,25	100	22	9	7	3	*10,75
	12	1,5	100	22	9	7	3	*10,5
	14	1,5	100	22	11	9	3	*12,5
	16	1,5	100	22	12	9	3	*14,5

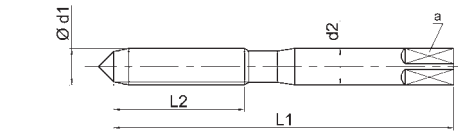
CODICE - CODE		
K53MF...V	K53MF...CT	K53MF...V-4HX
○	○	*
○	○	*
○	○	*
○	○	*

\* Per MJ vedi tabella di foratura pag. 252  
\* Drills' diameters for MJ: table page 252

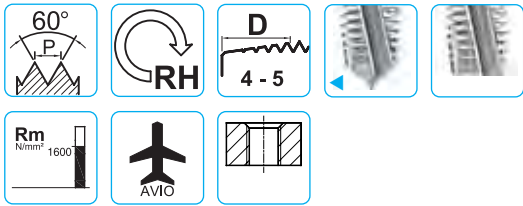
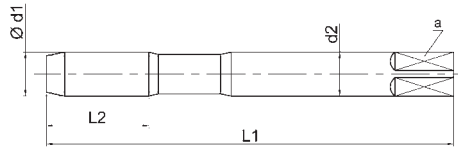
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	55	56	56
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

UFS norm



UFS norm



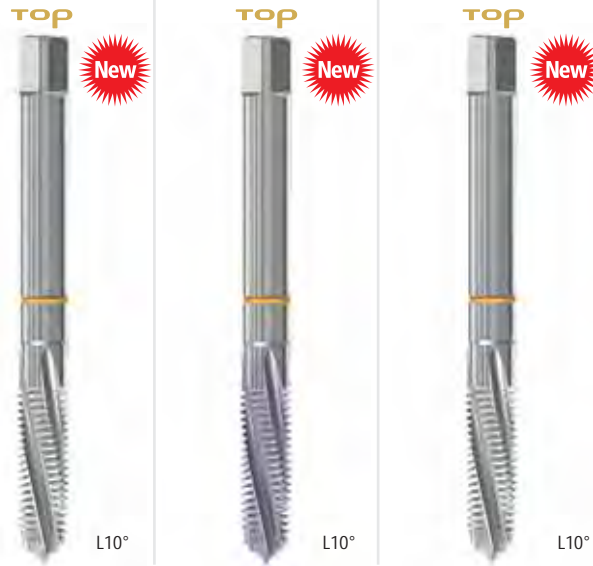
Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3xD
PM3	PM3	PM3
6HX	6HX	4HX
BR	TiCN	BR
7.3 9.3	1.6 5.4	7.3 9.3
	7.2 9.1	

UFS norm	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	25	8	6,2	3	*7
◀	10	1	100	30	10	8	3	*9
◀	10	1,25	100	30	10	8	3	*8,75
	12	1,25	110	30	12	9	3	*10,75
	12	1,5	110	30	12	9	3	*10,5
	14	1,5	110	30	12	9	3	*12,5
	16	1,5	110	30	16	9	3	*12,5

CODICE - CODE	K52MF...NI		
	K52MF...NI	K52MF...NI-CT	K52MF...NI-4HX
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★

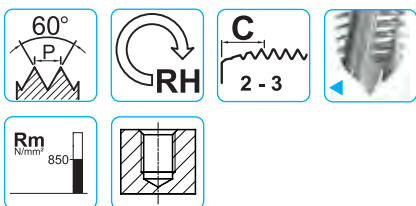
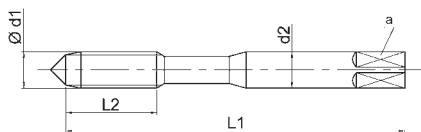
\* Per MJ vedi tabella di foratura pag. 252  
\* Drills' diameters for MJ: table page 252

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	56	56	56
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

N USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

DIN 371



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

1,5xD	1,5xD	1,5xD	1,5xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

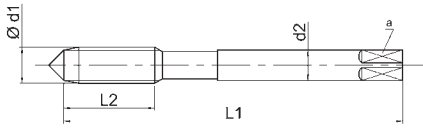
DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	3	3,5
◀	5	0,5	70	13	6	4,9	3	4,5
◀	6	0,75	80	16	6	4,9	3	5,25
◀	8	0,75	90	18	8	6,2	3	7,25
◀	8	1	90	18	8	6,2	3	7
◀	10	1	90	15	10	8	3	9
◀	10	1,25	100	20	10	8	3	8,75

CODICE - CODE			
E40MF...	E40MF...V	E40MF...T	E40MF...XP
○	*	*	*
○	*	*	*
●	○	○	○
○	○	○	○
●	○	○	○
○	○	○	○
○	○	○	○
●	○	○	○

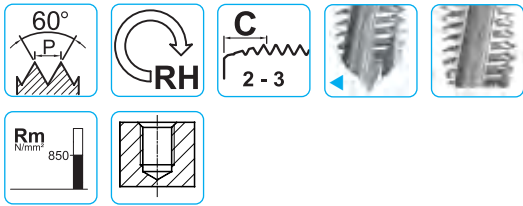
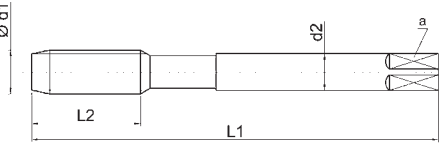
Segue diametri  
Diameters, to be continued ▶ Pag. 116

## MASCHI A MACCHINA MACHINE TAPS

DIN 374



DIN 374



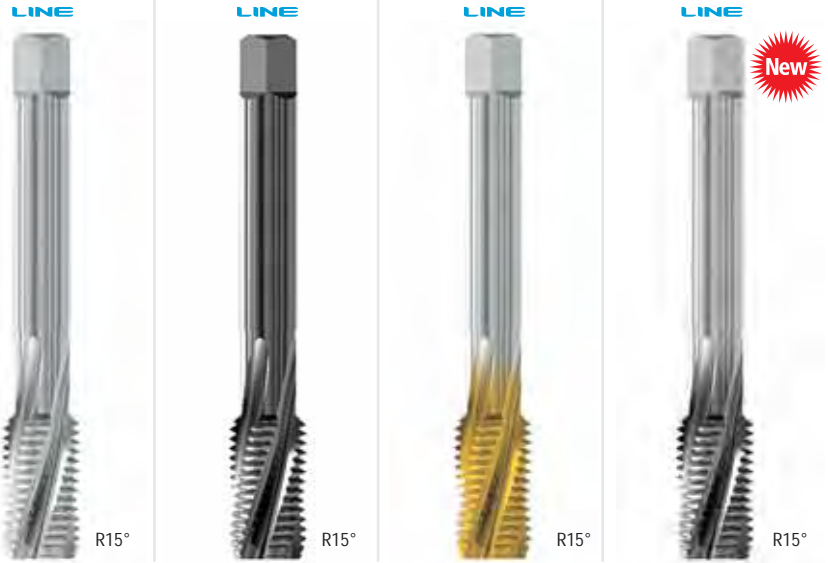
Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



1,5xD 1,5xD 1,5xD 1,5xD

HSSE HSSE HSSE HSSE

ISO2/6H ISO2/6H ISO2/6H ISO2/6H

BR V TiN XP

1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	0,75	80	16	4,5	3,4	3	5,25
◀	8	0,75	90	18	6	4,9	3	7,25
◀	8	1	90	18	6	4,9	3	7
	9	1	90	18	7	5,5	3	8
◀	10	0,75	90	15	7	5,5	3	9,15
◀	10	1	90	15	7	5,5	3	9
◀	10	1,25	100	20	7	5,5	3	8,75
	11	1	100	20	8	6,2	3	10
	11	1,25	100	20	8	6,2	3	9,75
	12	1	100	22	9	7	3	11
	12	1,25	100	22	9	7	3	10,75
	12	1,5	100	22	9	7	3	10,5
	14	1	100	22	11	9	3	13
	14	1,25	100	22	11	9	3	12,75
	14	1,5	100	22	11	9	3	12,5
	15	1	100	22	12	9	3	14
	15	1,5	100	22	12	9	3	13,5
	16	1	100	22	12	9	3	15
	16	1,25	100	22	12	9	3	14,75
	16	1,5	100	22	12	9	3	14,5
	17	1	110	25	14	11	4	16
	17	1,5	110	25	14	11	4	15,5
	18	1	110	25	14	11	4	17
	18	1,5	110	25	14	11	4	16,5
	19	1	125	25	16	12	4	19
	19	1,5	125	25	16	12	4	18,5

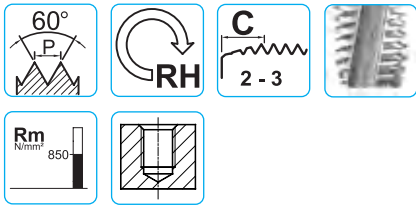
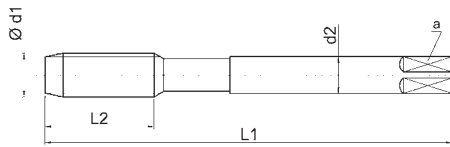
E41MF...	CODICE - CODE			E41MF...XP
	E41MF...V	E41MF...T		
○	○	○	○	
○	○	○	○	
●	●	○	○	
○	○	○	★	
○	○	○	★	
●	●	○	○	
○	○	○	○	
○	○	○	★	
★	★	★	★	
●	●	○	★	
●	●	○	★	
●	●	○	○	
○	○	○	★	
○	○	○	○	
○	○	○	★	
○	○	○	★	
○	○	○	○	
○	○	○	★	
○	○	○	★	
○	○	○	○	
○	○	○	★	
○	○	○	★	
○	○	○	○	
○	○	○	★	
○	○	○	★	

Segue diametri  
Diameters, to be continued

**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

**DIN 374**



**Profondità di filettatura - Thread depth**

**Materiale - Material**

**Tolleranza - Tolerance**

**Trattamento superficiale - Surface treatment**

Numero gruppi materiali  
Material's groups number

1,5xD	1,5xD	1,5xD	1,5xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

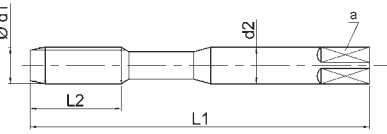
DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Z	
	20	1	125	25	16	12	4	19	
	20	1,5	125	25	16	12	4	18,5	
	20	2	140	33	16	12	4	18	
	22	1	125	25	18	14,5	4	21	
	22	1,5	125	25	18	14,5	4	20,5	
	22	2	140	33	18	14,5	4	20	
	24	1	140	25	18	14,5	4	23	
	24	1,5	140	25	18	14,5	4	22,5	
	24	2	140	25	18	14,5	4	22	
	25	1	140	25	18	14,5	4	24	
	25	1,5	140	25	18	14,5	4	23,5	
	25	2	140	25	18	14,5	4	23	
	26	1	140	25	18	14,5	4	25	
	26	1,5	140	25	18	14,5	4	24,5	
	26	2	140	25	18	14,5	4	24	
	27	1	140	25	20	16	4	26	
	27	1,5	140	25	20	16	4	25,5	
	27	2	140	25	20	16	4	25	
	28	1	140	25	20	16	4	27	
	28	1,5	140	25	20	16	4	26,5	
	28	2	140	25	20	16	4	26	
	30	1	150	28	22	18	4	29	
	30	1,5	150	28	22	18	4	28,5	
	30	2	150	28	22	18	4	28	
	30	3	180	46	22	18	4	27	

E41MF...	CODICE - CODE			E41MF...XP
	E41MF...V	E41MF...T		
○	○	○	*	
●	○	○	○	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	
○	○	*	*	

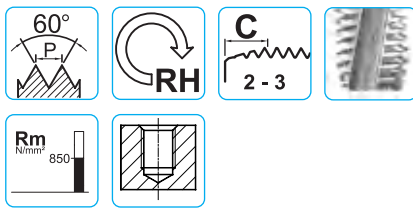
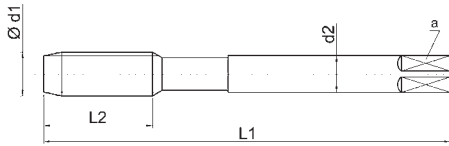
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	<b>€ Pagina listino - Price list page</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>58</b>
● Standard ● Standard	○ Disponibilità da richiedere, prezzo a listino ○ Lead time on enquiry, standard price-list			★ Solo a richiesta ★ Only on request	

## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

2,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

2,5xD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

5.1 5.2

Numero gruppi materiali  
Material's groups number

DIN 371	Ød1	P	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
MF	mm				h9	h12		
8	1	90	18	8	6,2	3	7	
10	1	90	15	10	8	3	9	
10	1,25	100	20	10	8	3	8,75	

CODICE - CODE	
E40MF...FOR	E40MF...FOR-T
○	*
○	*
○	*

DIN 374	Ød1	P	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
MF	mm				h9	h12		
12	1,25	100	22	9	7	3	10,75	
12	1,5	100	22	9	7	3	10,5	
14	1,5	100	22	11	9	3	12,5	
16	1,5	100	22	12	9	3	14,5	

CODICE - CODE	
E41MF...FOR	E41MF...FOR-T
○	*
○	*
○	*
○	*

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

58

58

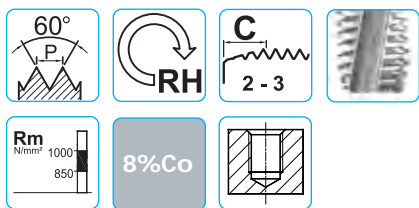
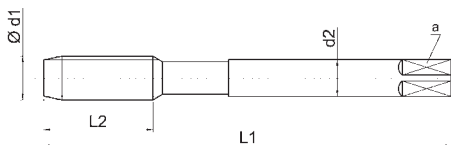
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request



**N**
**USO GENERALE R ≤ 1000N/mm<sup>2</sup>**
*General purpose R ≤ 1000N/mm<sup>2</sup>*
**MASCHI A MACCHINA** MACHINE TAPS

**DIN 374**


Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

 Numero gruppi materiali  
Material's groups number

<i>plus</i>	<i>plus</i>	<i>plus</i>	<i>plus</i>
R15°	R15°	R15°	R15°
1,5xD	1,5xD	1,5xD	1,5xD
HSSP	HSSP	HSSP	HSSP
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TiCN
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.1 4.2	4.1 4.2	3.3 3.4 4.1 4.2 4.3	3.3 3.4 4.2 4.3
5.1 5.2	5.1 5.2	5.1 5.2	5.2
	6.1 7.1		

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	18	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	20	7	5,5	3	8,75
	12	1,25	100	22	9	7	4	10,75
	12	1,5	100	22	9	7	4	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5
	18	1,5	110	25	14	11	4	16,5
	20	1,5	125	25	16	12	4	18,5

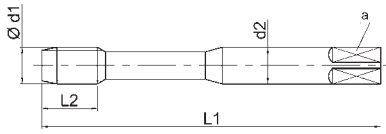
CODICE - CODE			
P41MF...	P41MF... V	P41MF... T	P41MF... CT
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	58	58	58	58
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

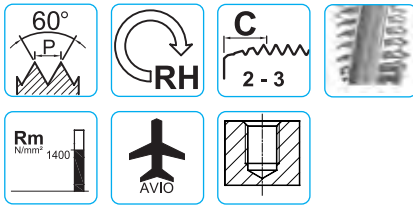
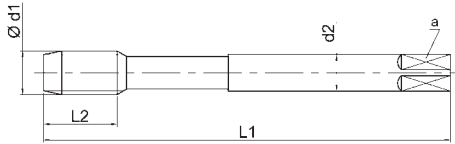
## MASCHI A MACCHINA MACHINE TAPS

MF

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



1,5xD

1,5xD

1,5xD

PM3

PM3

PM3

6HX

6HX

4HX

V

TiCN

V

6.1

1.6 2.4

6.1

3.3 3.4

4.4 5.3 5.4 6.2 6.3

7.2 9.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	13	8	6,2	3	*7
	10	1	100	15	10	8	3	*9
	10	1,25	100	15	10	8	3	*8,75

CODICE - CODE		
K42MF...V	K42MF...CT	K42MF...V-4HX
○	○	*
○	○	*
○	○	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,25	100	15	9	7	4	*10,75
	12	1,5	100	15	9	7	4	*10,5
	14	1,5	100	15	11	9	4	*12,5
	16	1,5	100	15	12	9	4	*14,5

CODICE - CODE		
K43MF...V	K43MF...CT	K43MF...V-4HX
○	○	*
○	○	*
○	○	*
○	○	*

\* Per MJ vedi tabella di foratura pag. 252

\* Drills' diameters for MJ: table page 252

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

59

59

59

● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

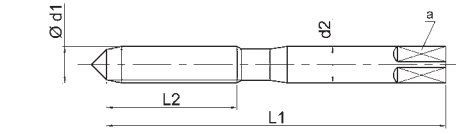
Ni

NICHEL

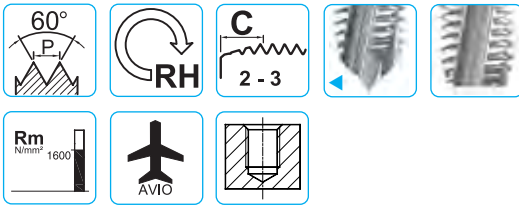
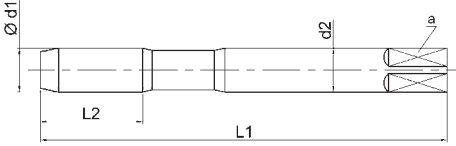
Nickel

MASCHI A MACCHINA MACHINE TAPS

UFS norm



UFS norm



Profondità di filettatura - Thread depth	3xD	3xD	3xD
Materiale - Material	PM3	PM3	PM3
Tolleranza - Tolerance	6HX	6HX	4HX
Trattamento superficiale - Surface treatment	BR	TiCN	BR
Numero gruppi materiali Material's groups number	7.3 9.3	1.6 5.4 7.2 9.1	7.3 9.3

UFS norm	$\varnothing d1$ MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	25	8	6,2	3	*7
◀	10	1	100	30	10	8	3	*9
◀	10	1,25	100	30	10	8	3	*8,75
	12	1,25	110	30	12	9	4	*10,75
	12	1,5	110	30	12	9	4	*10,5
	14	1,5	110	30	12	9	4	*12,5
	16	1,5	110	30	16	9	4	*12,5

\* Per MJ vedi tabella di foratura pag. 252  
\* Drills' diameters for MJ: table page 252



Avete visto quanti maschi FORATI? Il refrigerante vuol dire LUNGA VITA al maschio!!

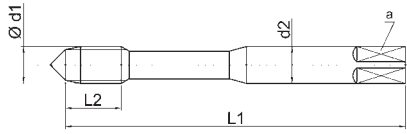
Have you checked our BORED taps? The refrigerant ensures LONG LIFE to the tap!!

K42MF...NI	CODICE - CODE	
	K42MF...NI-CT	K42MF...NI-4HX
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*

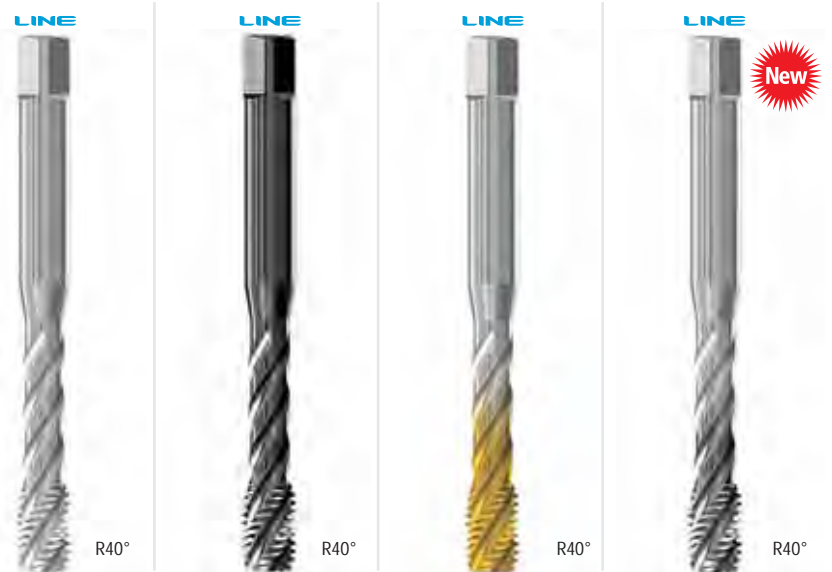
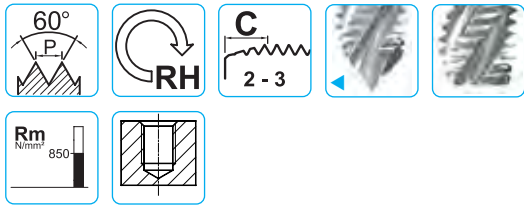
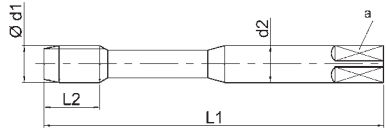
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	59	59	59
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 371



New

Profondità di filettatura - Thread depth	2,5xD
Materiale - Material	HSSE
Tolleranza - Tolerance	ISO2/6H
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4
	4.1 4.2
	5.1 5.2

2,5xD	2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TXC
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
		5.1 5.2	5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	7	4,5	3,4	3	3,5
◀	5	0,5	70	8	6	4,9	3	4,5
◀	6	0,75	80	10	6	4,9	3	5,25
	8	0,75	90	13	8	6,2	3	7,25
	8	1	90	13	8	6,2	3	7
	10	1	90	15	10	8	3	9
	10	1,25	100	15	10	8	3	8,75

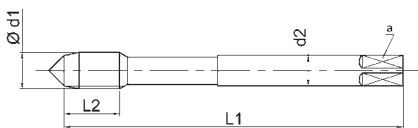
E60MF...	CODICE - CODE		
	E60MF...V	E60MF...T	E60MF...TXC
○	○	○	○
○	○	○	○
●	○	○	●
○	○	○	○
●	○	○	●
●	○	○	●
●	○	○	●

Segue diametri  
Diameters, to be continued

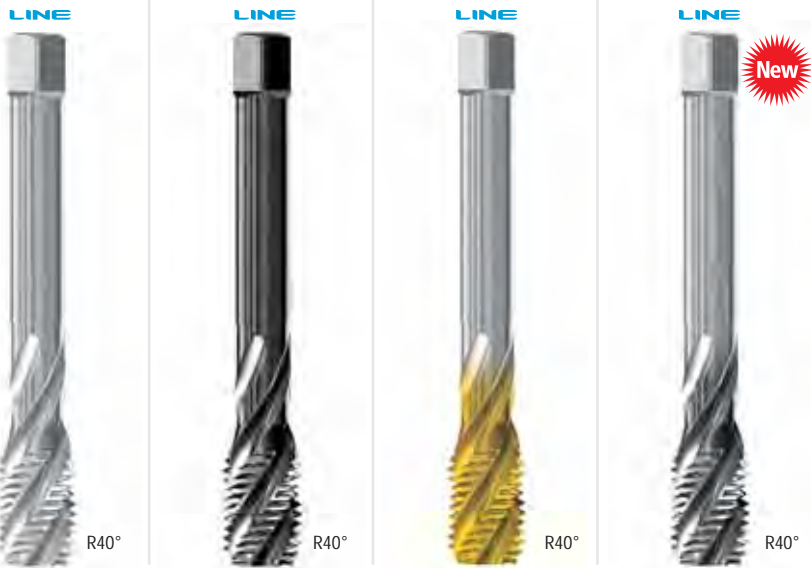
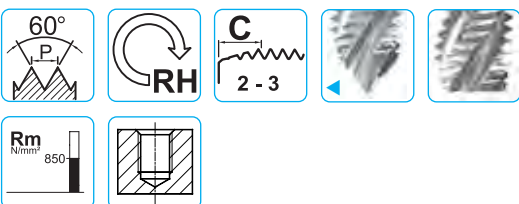
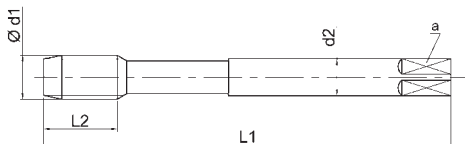
**N** USO GENERALE  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

DIN 374



DIN 374



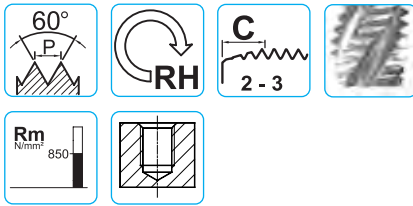
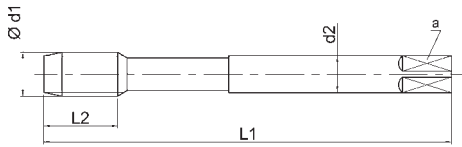
Profondità di filettatura - Thread depth	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	V	TiN	TXC
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4 4.1 4.2 5.1 5.2	1.1 1.2 1.3 1.4 4.1 4.2 5.1 5.2	1.1 1.2 1.3 1.4 3.3 3.4 4.1 4.2 4.3 5.1 5.2	1.1 1.2 1.3 1.4 2.1 2.2 3.3 3.4 4.2 4.3 5.2

DIN 374	Ød1 MF	P mm	L1	L2	d2 h9	a h12	Z	Z
◀	6	0,75	80	10	4,5	3,4	3	5,25
◀	8	0,75	90	13	6	4,9	3	7,25
◀	8	1	90	13	6	4,9	3	7
	9	1	90	18	7	5,5	3	8
	10	1	90	15	7	5,5	3	9
	10	1,25	100	15	7	5,5	3	8,75
	11	1	100	15	8	6,2	3	10
	12	1	100	13	9	7	3	11
	12	1,25	100	13	9	7	3	10,75
	12	1,5	100	13	9	7	3	10,5
	13	1	100	15	11	9	4	12
	14	1	100	15	11	9	4	13
	14	1,25	100	15	11	9	4	12,75
	14	1,5	100	15	11	9	4	12,5
	15	1	100	22	12	9	4	14
	15	1,5	100	22	12	9	4	13,5
	16	1	100	15	12	9	4	15
	16	1,5	100	15	12	9	4	14,5
	17	1	110	25	14	11	4	16
	17	1,5	110	25	14	11	4	15,5
	18	1	110	17	14	11	4	17
	18	1,5	110	17	14	11	4	16,5
	18	2	125	25	14	11	4	16
	20	1	125	17	16	12	4	19
	20	1,5	125	17	16	12	4	18,5
	20	2	140	25	16	12	4	18

CODICE - CODE			
E61MF...	E61MF...V	E61MF...T	E61MF...TXC
○	○	○	○
○	○	○	○
○	○	○	○
*	*	*	*
○	○	○	○
○	○	○	○
*	*	*	*
●	○	○	○
●	○	○	○
●	○	○	○
*	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
*	○	○	○
○	*	*	*
○	*	*	*
○	*	*	*

## MASCHI A MACCHINA MACHINE TAPS

DIN 374



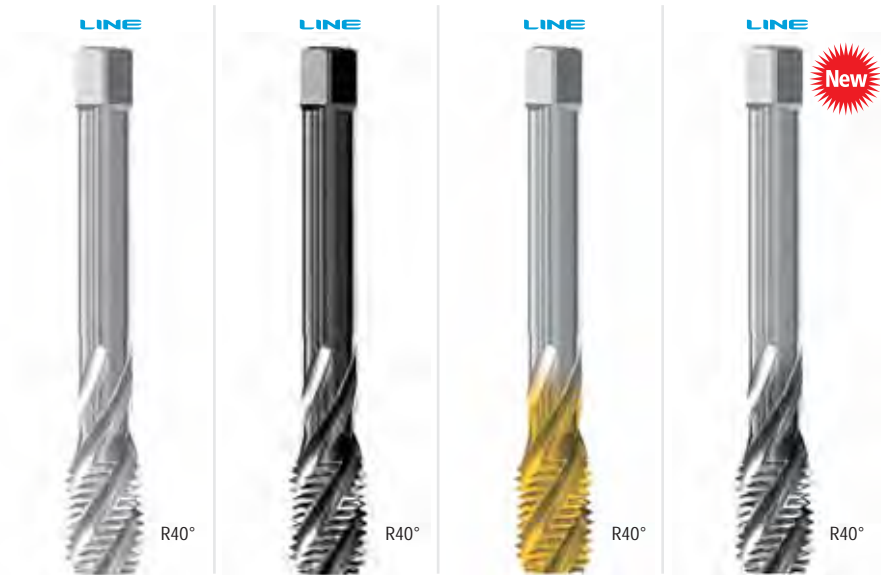
Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



2,5xD      2,5xD      2,5xD      2,5xD

HSSE      HSSE      HSSE      HSSE

ISO2/6H      ISO2/6H      ISO2/6H      ISO2/6H

BR      V      TiN      TXC

1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
		5.1 5.2	5.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
21	1	125	18	18	14,5	4	20	
21	1,5	125	18	18	14,5	4	19,5	
21	2	140	25	18	14,5	4	19	
22	1	125	18	18	14,5	4	21	
22	1,5	125	18	18	14,5	4	20,5	
22	2	140	25	18	14,5	4	20	
24	1	140	20	18	14,5	4	23	
24	1,5	140	20	18	14,5	4	22,5	
24	2	140	20	18	14,5	4	22	
25	1	140	20	18	14,5	4	24	
25	1,5	140	20	18	14,5	4	23,5	
25	2	140	20	18	14,5	4	23	
26	1,5	140	20	18	14,5	4	24,5	
27	1	140	20	20	16	4	26	
27	1,5	140	20	20	16	4	25,5	
27	2	140	20	20	16	4	25	
28	1,5	140	20	20	16	4	26,5	
30	1,5	150	22	22	18	4	28,5	
30	2	150	22	22	18	4	28	
30	3	180	35	22	18	4	27	
32	1,5	150	22	22	18	5	30,5	
32	2	150	22	22	18	5	30	
33	1,5	160	24	25	20	5	31,5	
33	2	160	24	25	20	5	31	
33	3	180	35	25	20	4	30	
34	1,5	170	24	28	22	5	32,5	
35	1,5	170	24	28	22	5	33,5	

DIN 374	CODICE - CODE			
	E61MF...	E61MF...V	E61MF...T	E61MF...TXC
21	*	*	*	*
21	*	*	*	*
21	*	*	*	*
22	○	*	*	*
22	●	○	○	○
22	○	*	*	*
24	*	*	*	*
24	●	○	○	○
24	○	*	*	*
25	*	*	*	*
25	*	*	*	*
25	*	*	*	*
26	○	○	○	○
27	*	*	*	*
27	●	○	○	○
27	○	*	*	*
28	○	○	○	○
30	●	○	○	○
30	○	*	*	*
30	○	*	*	*
32	○	*	*	*
32	*	*	*	*
33	○	*	*	*
33	○	*	*	*
33	○	*	*	*
34	○	*	*	*
35	○	*	*	*

Segue diametri  
Diameters, to be continued

Pag. 125...126

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

● Standard  
● Standard

60-61

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

60-61

60-61

★ Solo a richiesta  
★ Only on request

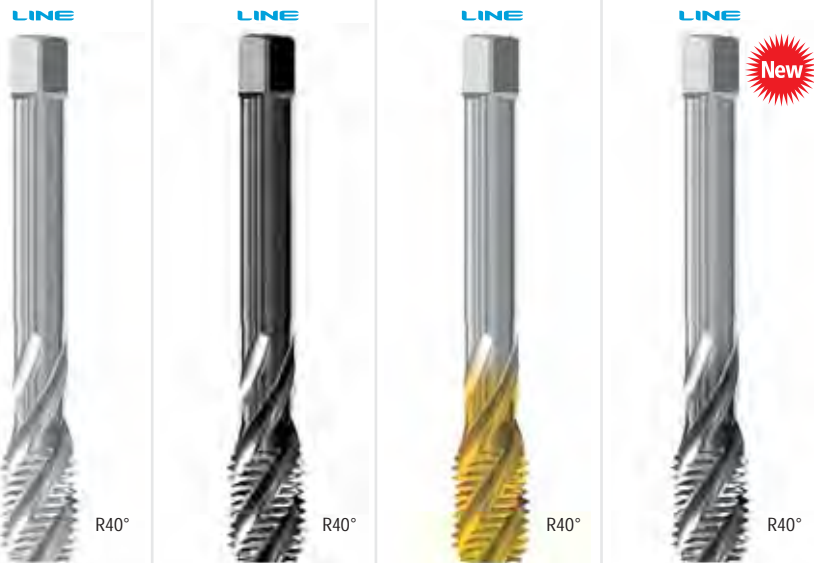
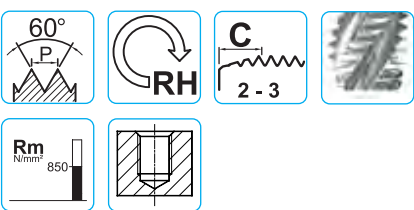
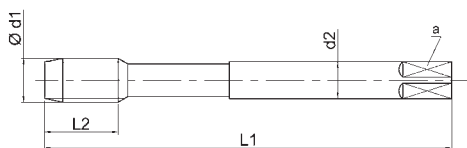
62



N USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

~DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

2,5xD	2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TXC
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
		5.1 5.2	5.2

Numero gruppi materiali  
Material's groups number

~DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
36	1,5	170	24	28	22	5	34,5	
36	2	170	24	28	22	5	34	
36	3	200	40	28	22	4	33	
37	1,5	170	24	28	22	6	35,5	
38	1,5	170	24	28	22	6	36,5	
39	1,5	170	25	32	24	6	37,5	
39	2	170	25	32	24	6	37	
39	3	200	40	32	24	4	36	
40	1,5	170	25	32	24	6	38,5	
40	2	170	25	32	24	6	38	
40	3	200	40	32	24	5	37	
42	1,5	170	25	32	24	6	40,5	
42	2	170	25	32	24	6	40	
42	3	200	40	32	24	5	39	
45	1,5	180	27	36	29	6	43,5	
45	2	180	27	36	29	6	43	
45	3	200	32	36	29	5	42	
48	1,5	190	27	36	29	6	46,5	
48	2	190	27	36	29	6	46	
*48	3	220	36	36	29	6	45	
50	1,5	190	27	36	29	6	48,5	
50	2	190	27	36	29	6	48	
*50	3	220	36	36	29	6	47	
52	1,5	190	27	40	32	6	50,5	
52	2	190	27	40	32	6	50	
*52	3	220	36	40	32	6	49	

■ = Acciaio HSS / HSS Steel

\* Dimensioni a norma UFS / Dimensions according UFS' norms

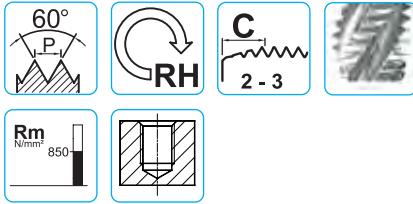
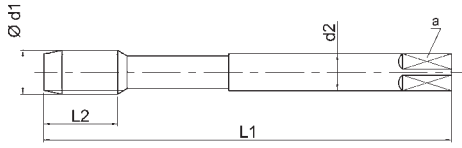
CODICE - CODE			
E61MF...	E61MF...V	E61MF...T	E61MF...TXC
○	*	*	*
○	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
*	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*

Segue diametri  
Diameters, to be continued

Pag. 126

## MASCHI A MACCHINA MACHINE TAPS

UFS norm



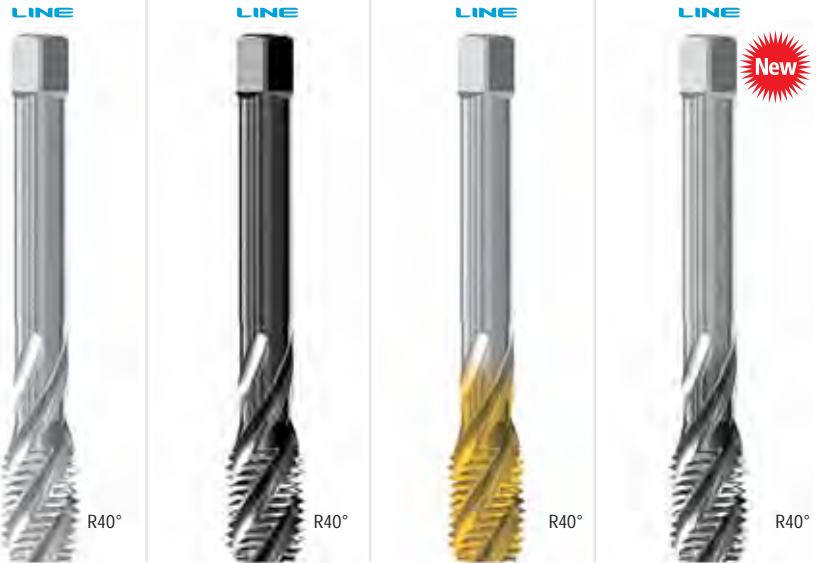
Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



2,5xD	2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	TXC
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
		5.1 5.2	5.2

UFS norm	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
■	* 56	1,5	190	27	40	32	6	54,5
■	* 56	2	190	27	40	32	6	54
■	* 56	3	220	36	40	32	6	53
■	* 56	4	220	36	40	32	6	52
■	* 58	1,5	190	27	40	32	6	56,5
■	* 58	2	190	27	40	32	6	56
■	* 58	3	220	36	40	32	6	55
■	* 58	4	220	36	40	32	6	54
■	* 60	1,5	190	27	45	35	6	58,5
■	* 60	2	190	27	45	35	6	58
■	* 60	3	220	36	45	35	6	57
■	* 60	4	220	36	45	35	6	56

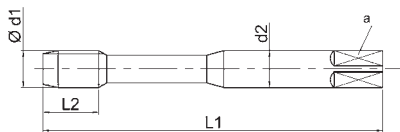
■ = Acciaio HSS / HSS Steel  
\* Dimensioni a norma UFS / Dimensions according UFS' norms

E61MF...	CODICE - CODE			E61MF...TXC
	E61MF...V	E61MF...T		
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	
*	*	*	*	

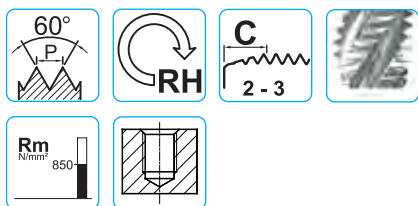
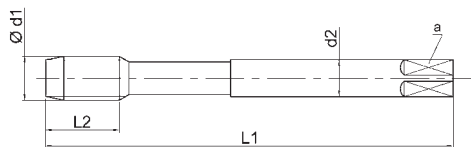
**N** USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 374



LINE



3XD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.1 4.2

5.1 5.2

LINE



3XD

HSSE

ISO2/6H

TiN

1.1 1.2 1.3 1.4

3.3 3.4

4.1 4.2 4.3

LINE



3XD

HSSE

ISO2/6H

TXC

1.1 1.2 1.3 1.4

2.1 2.2 3.3 3.4

4.2 4.3

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	13	8	6,2	3	7
	10	1	90	15	10	8	3	9
	10	1,25	100	15	10	8	3	8,75

CODICE - CODE		
E60MF...FOR	E60MF...FOR-T	E60MF...FOR-TXC
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

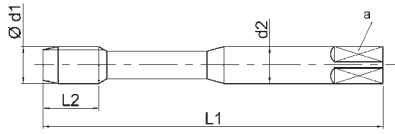
DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1,25	100	13	9	7	3	10,75
	12	1,5	100	13	9	7	3	10,5
	14	1,5	100	15	11	9	4	12,5
	16	1,5	100	15	12	9	4	14,5

CODICE - CODE		
E61MF...FOR	E61MF...FOR-T	E61MF...FOR-TXC
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

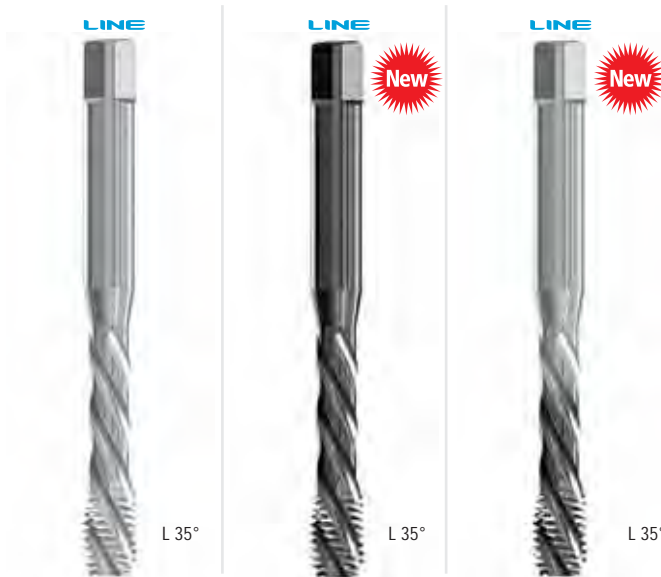
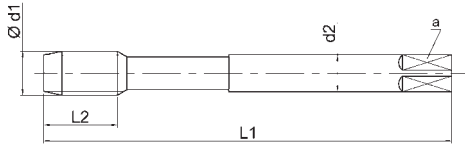
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	62	62	62
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

## MASCHI A MACCHINA, FILETTATURA SINISTRA MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth	2,5xD	2,5xD	2,5xD
Materiale - Material	HSSE	HSSE	HSSE
Tolleranza - Tolerance	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	V	XP
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	4.1 4.2	4.1 4.2	2.1 2.2 3.3 3.4
	5.1 5.2	5.1 5.2	4.2 4.3

DIN 371	Ød1	P	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
MF	mm				h9	h12		
8	1	90	18	8	6,2	3	7	
10	1	90	15	10	8	3	9	
10	1,25	100	20	10	8	3	8,75	

CODICE - CODE		
E60MF...LH	E60MF...LH-V	E60MF...LH-XP
*	*	*
*	*	*
*	*	*

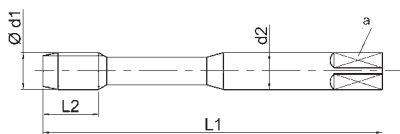
DIN 374	Ød1	P	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
MF	mm				h9	h12		
8	1	90	13	6	4,9	3	7	
10	1	90	15	7	5,5	3	9	
10	1,25	100	15	7	5,5	3	8,75	
12	1,25	100	13	9	7	3	10,75	
12	1,5	100	13	9	7	3	10,5	
14	1,5	100	15	11	9	4	12,5	
16	1,5	100	15	12	9	4	14,5	

CODICE - CODE		
E61MF...LH	E61MF...LH-T	E61MF...LH-XP
o	o	o
o	o	o
o	o	o
o	o	o
o	o	o
o	o	o
o	o	o

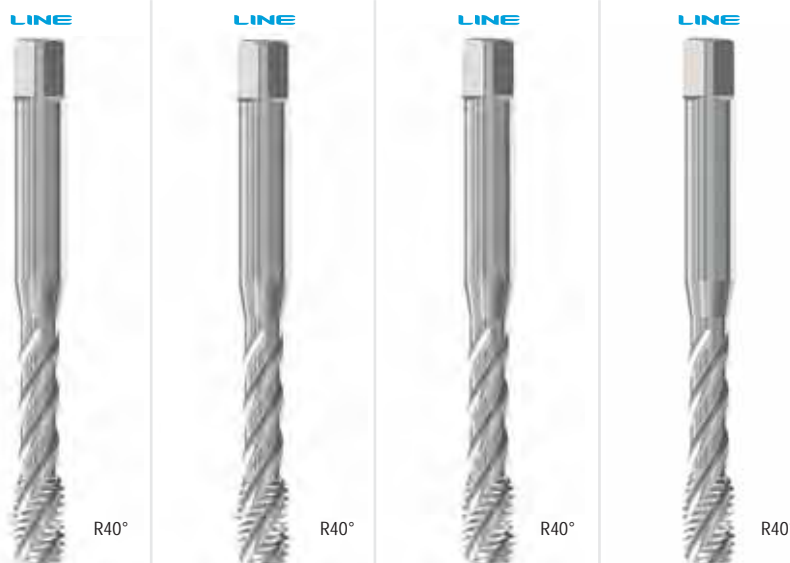
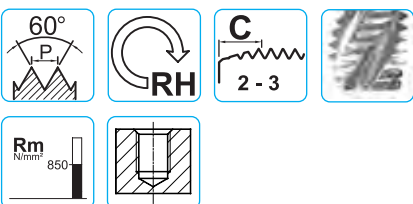
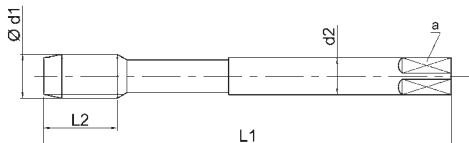
N USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth	2,5xD
Materiale - Material	HSSE
Tolleranza - Tolerance	ISO1/4H
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali - Material's groups number	1.1 1.2 1.3 1.4

2,5xD	2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE	HSSE
ISO1/4H	ISO3/6G	7G(6H+0,05)	6H+0,1
BR	BR	BR	BR
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	4.1 4.2	4.1 4.2
5.1 5.2	5.1 5.2	5.1 5.2	5.1 5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	13	8	6,2	3	7
	10	1	90	15	10	8	3	9
	10	1,25	100	15	10	8	3	8,75

CODICE - CODE			
E60MF...4H	E60MF...6G	E60MF...7G	E60MF...+0,1
*	*	*	*
*	*	*	*
*	*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	13	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	15	7	5,5	3	8,75
	12	1,25	100	13	9	7	3	10,75
	12	1,5	100	13	9	7	3	10,5
	14	1,5	100	15	11	9	4	12,5
	16	1,5	100	15	12	9	4	14,5

CODICE - CODE			
E61MF...4H	E61MF...6G	E61MF...7G	E61MF...+0,1
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	63	63	63	63
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

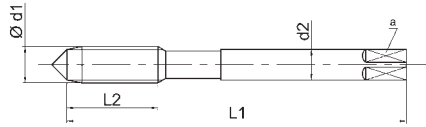
### MASCHI A MACCHINA MACHINE TAPS

### Al-Cu-Fe

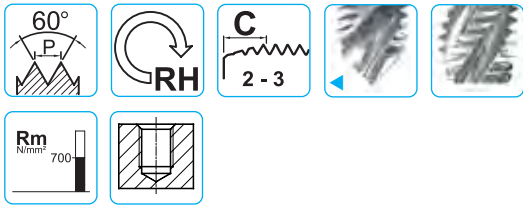
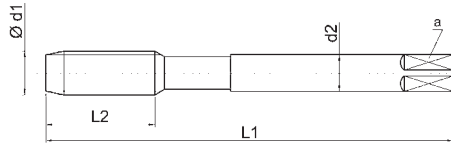
**ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm²**

*Aluminium, Cooper, Steel R ≤ 700 N/mm²*

DIN 374



DIN 374



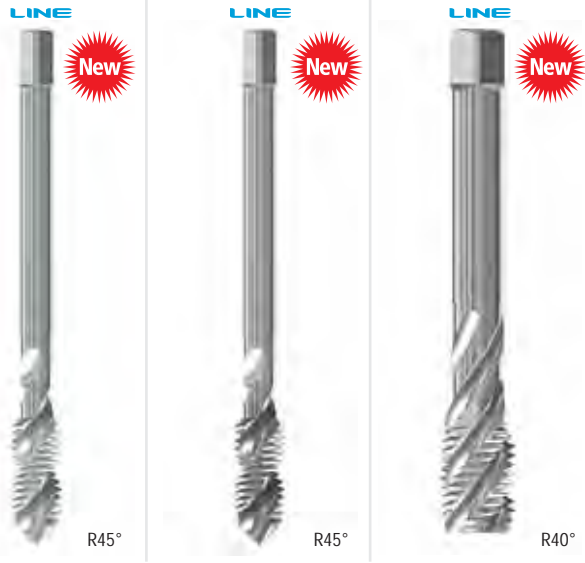
Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD

3xD

2,5xD

HSSE

HSSE

HSSE

ISO2/6H

ISO2/6H

ISO2/6H

BR

VS

CrN

1.1 4.1 4.2

1.1

1.1 1.2 1.3 1.4

5.1 5.2

4.1 4.2

5.1 5.2

6.1 7.1

5.1 5.2

8.1

8.1

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	0,75	80	16	4,5	3,4	2	5,25
◀	8	1	90	18	6	4,9	2	7
◀	10	1	90	15	7	5,5	2	9
◀	10	1,25	100	20	7	5,5	2	8,75
	12	1	100	22	9	7	3	11
	12	1,25	100	22	9	7	3	10,75
	12	1,5	100	22	9	7	3	10,5
	14	1,5	100	22	11	9	3	12,5
	16	1,5	100	22	12	9	3	14,5
◀	6	0,75	80	10	4,5	3,4	3	5,25
	8	1	90	13	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	15	7	5,5	3	8,75
	12	1	100	13	9	7	3	11
	12	1,25	100	13	9	7	3	10,75
	12	1,5	100	13	9	7	3	10,5
	14	1,5	100	15	11	9	4	12,5
	16	1,5	100	15	12	9	4	14,5
	18	1,5	110	17	14	11	4	16,5
	20	1,5	125	17	16	12	4	18,5
	22	1,5	125	18	18	14,5	4	20,5
	24	1,5	140	20	18	14,5	4	22,5
	26	1,5	140	20	18	14,5	4	24,5

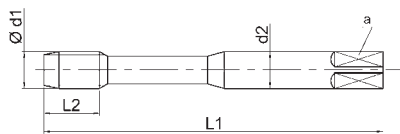
CODICE - CODE			
E71MF...	E71MF...VS	E61MF...NC	
*	*	*	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	
○	○	○	



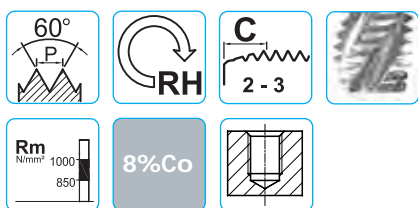
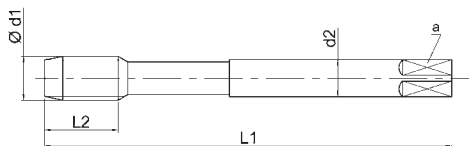
**N** USO GENERALE R ≤ 1000N/mm<sup>2</sup>  
General purpose R ≤ 1000N/mm<sup>2</sup>

**MASCHI A MACCHINA** MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - Material	HSSP	HSSP	HSSP	HSSP
Tolleranza - Tolerance	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - Surface treatment	BR	V	TiN	XP
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
	4.1 4.2	4.1 4.2	3.3 3.4 4.1 4.2 4.3	2.1 2.2
	5.1 5.2	5.1 5.2	5.1 5.2	3.3 3.4 4.2 4.3

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	13	8	6,2	3	7
	10	1	90	15	10	8	3	9
	10	1,25	100	15	10	8	3	8,75

CODICE - CODE			
P60MF...	P60MF...V	P60MF...T	P60MF...XP
*	*	*	*
*	*	*	*
*	*	*	*

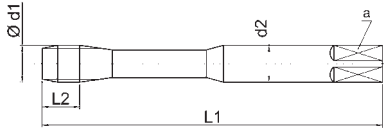
DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	13	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	15	7	5,5	3	8,75
	12	1	100	13	9	7	4	11
	12	1,25	100	13	9	7	4	10,75
	12	1,5	100	13	9	7	4	10,5
	14	1,5	100	15	11	9	4	12,5
	16	1,5	100	15	12	9	4	14,5
	18	1,5	110	17	14	11	4	16,5
	20	1,5	125	17	16	12	4	18,5

CODICE - CODE			
P61MF...	P61MF...V	P61MF...T	P61MF...XP
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o
o	o	o	o

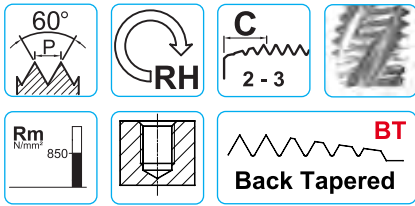
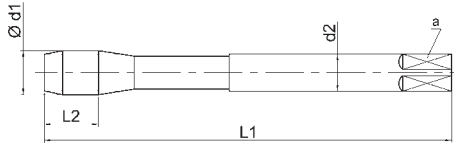
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	64	64	64	64
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

## MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

2,5÷3xD 2,5÷3xD 2,5÷3xD 2,5÷3xD

HSSE HSSE HSSE HSSE

ISO2/6H ISO2/6H ISO2/6H ISO2/6H

BR V TiN XP

1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
5.1 5.2	2.1 2.2	5.1 5.2	2.1 2.2
	5.1 5.2		5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
8	1	90	10	8	6,2	3	7	
10	1	90	10	10	8	3	9	
10	1,25	100	13	10	8	3	8,75	

CODICE - CODE			
E80MF...	E80MF...V	E80MF...T	E80MF...XP
*	*	*	*
*	*	*	*
*	*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
8	1	90	13	6	4,9	3	7	
10	1	90	15	7	5,5	3	9	
10	1,25	100	15	7	5,5	3	8,75	
12	1	100	13	9	7	3	11	
12	1,25	100	13	9	7	3	10,75	
12	1,5	100	13	9	7	3	10,5	
14	1,5	100	15	11	9	4	12,5	
16	1,5	100	15	12	9	4	14,5	
18	1,5	110	17	14	11	4	16,5	
20	1,5	125	17	16	12	4	18,5	

CODICE - CODE			
E81MF...	E81MF...V	E81MF...T	E81MF...XP
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○
•	○	○	○

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

64

64

64

64

• Standard  
• Standard

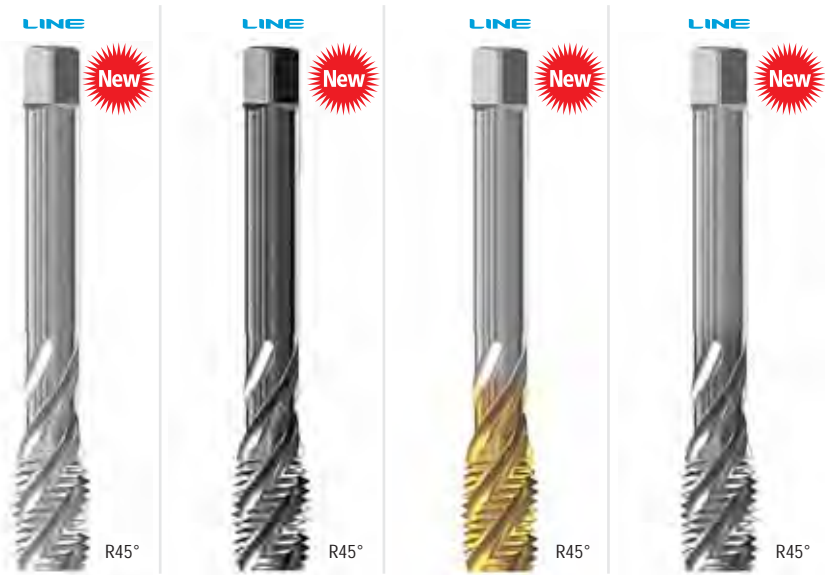
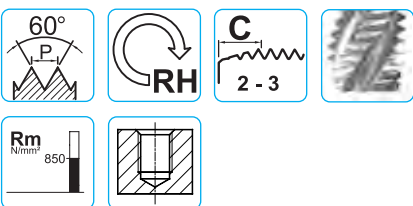
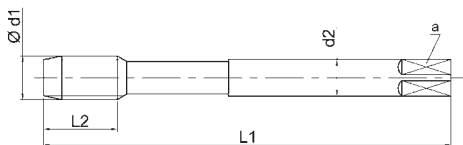
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

**N** USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

DIN 374



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.2 5.2	2.1 2.2	4.2 5.2	2.1 2.2
	4.2 5.2		4.2 5.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	8	1	90	13	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	15	7	5,5	3	8,75
	12	1	100	13	9	7	4	11
	12	1,25	100	13	9	7	4	10,75
	12	1,5	100	13	9	7	4	10,5
	14	1,5	100	15	11	9	4	12,5
	16	1,5	100	15	12	9	4	14,5
	18	1,5	110	17	14	11	4	16,5
	20	1,5	125	17	16	12	4	18,5

CODICE - CODE			
E83MF...	E83MF...V	E83MF...T	E83MF...XP
●	○	○	○
○	○	○	○
●	○	○	○
○	○	○	○
○	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○

Versione ad alto rendimento in PM3 pagina seguente.  
High performance PM3 edition in following page.

Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	65	65	65	65
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	

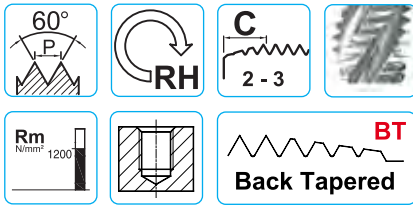
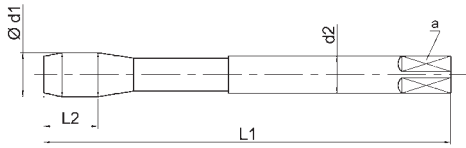
## MASCHI A MACCHINA MACHINE TAPS

U

APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm<sup>2</sup>

Universal Applications R ≤ 1200 N/mm<sup>2</sup>

DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3,5xD	3,5xD
PM3	PM3	PM3	PM3
6HX	6HX	6HX	6HX
BR	XP	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.2 5.2	2.1 2.2 2.3	2.1 2.2 2.3	2.1 2.2 2.3
	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2	5.2

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
8	1	90	13	6	4,9	3	7	
10	1	90	15	7	5,5	3	9	
10	1,25	100	15	7	5,5	3	8,75	
12	1	100	13	9	7	4	11	
12	1,25	100	13	9	7	4	10,75	
12	1,5	100	13	9	7	4	10,5	
14	1,5	100	15	11	9	4	12,5	
16	1,5	100	15	12	9	4	14,5	

K83MF...U	CODICE - CODE		
	K83MF...XP	K83MF...FOR-XP	K83MF...FOR-XP
*	○	*	*
*	○	*	*
*	○	*	*
*	○	*	*
*	○	*	*
*	○	*	*
*	○	*	*

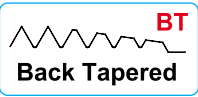
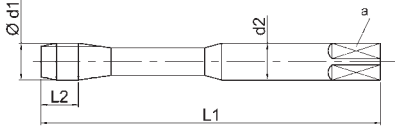
Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	65	65	65	65
● Standard	○ Disponibilità da richiedere, prezzo a listino	● Standard	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

**SYNCHRO RIGID**

**MASCHIATURA RIGIDA SINCRONIZZATA**  
Rigid Tapping Synchro

**MASCHI A MACCHINA** MACHINE TAPS

UFS norm



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

2,5xD	3xD
PM3	PM3
6HX	6HX
<b>TXC</b>	<b>TXC</b>
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4 3.3 3.4	2.1 2.2 2.3 2.4 3.3 3.4
4.2 4.3 5.2	4.2 4.3 5.2

Numero gruppi materiali  
Material's groups number

UFS norm	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h6	a h12	Z	
	8	1	90	13	8	6,2	3	7
	10	1	100	15	10	8	3	9
	10	1,25	100	15	10	8	3	8,75
	12	1	110	18	12	9	3	11
	12	1,25	110	18	12	9	3	10,75
	12	1,5	110	18	12	9	3	10,5
	14	1,5	110	20	12	9	4	12,5
	16	1,5	110	20	16	12	4	14,5

S80MF...TXC		CODICE - CODE	
S80MF...FOR-TXC			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

A richiesta: On request: Con Weldon DIN1835 B

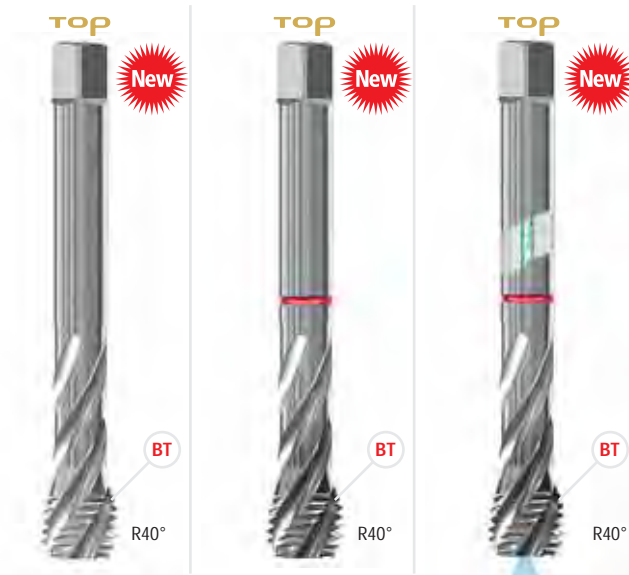
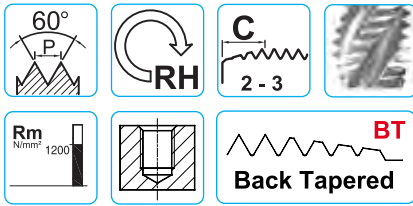
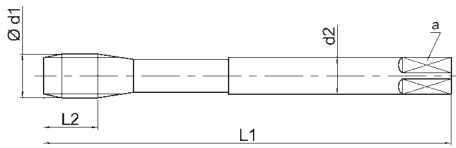
## MASCHI A MACCHINA MACHINE TAPS

HR

ALTA RESISTENZA  
High Resistance

MF

DIN 374



Profondità di filettatura - Thread depth	2,5xD	2,5xD	3xD
Materiale - Material	PM3	PM3	PM3
Tolleranza - Tolerance	6HX	6HX	6HX
Trattamento superficiale - Surface treatment	BR	TXC	TXC
Numero gruppi materiali Material's groups number	1.4 1.5	1.4 1.5	1.4 1.5
	3.3 3.4	3.3 3.4	3.3 3.4

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
8	1	90	13	6	4,9	3	7	
10	1	90	15	7	5,5	3	9	
10	1,25	100	15	7	5,5	3	8,75	
12	1	100	13	9	7	4	11	
12	1,25	100	13	9	7	4	10,75	
12	1,5	100	13	9	7	4	10,5	
14	1,5	100	15	11	9	4	12,5	
16	1,5	100	15	12	9	4	14,5	

K81MF...HR	CODICE - CODE	
	K81MF...TXC	K81MF...FOR-TXC
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○
*	○	○

Novità / New  
Rivestimento / Coating  
**TXC**

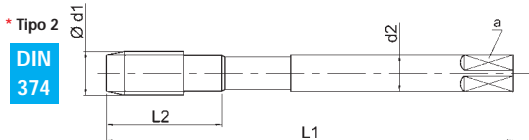
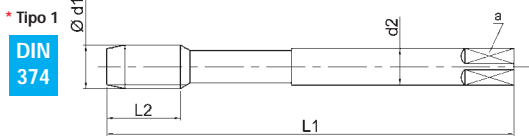


**INOX**

**ACCIAIO INOSSIDABILE**

Stainless steel

**MASCHI A MACCHINA** MACHINE TAPS



TOP



Tipo 1  
R48°

TOP



Tipo 2  
R48°

TOP



Tipo 2  
R48°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3,5xD	3,5xD
HSSV3	PM3	PM3
6HX	6HX	6HX
TXC	TXC	TXC
1.3 1.4 1.5	1.3 1.4 1.5	1.3 1.4 1.5
2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4

DIN 374	Ød1 MF	P mm	L1	L2	d2 h9	a h12	Z	Z <sub>1</sub>
	8	1	90	13	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	15	7	5,5	3	8,75
	12	1	100	13	9	7	4	11
	12	1,25	100	13	9	7	4	10,75
	12	1,5	100	13	9	7	4	10,5
	14	1,5	100	15	11	9	4	12,5
	16	1,5	100	15	12	9	4	14,5
	18	1,5	110	17	14	11	4	16,5
	20	1,5	125	17	16	12	4	18,5
	22	1,5	125	18	18	14,5	4	20,5
	24	1,5	140	20	18	14,5	4	22,5
	8	1	90	18	6	4,9	3	7
	10	1	90	15	7	5,5	3	9
	10	1,25	100	20	7	5,5	3	8,75
	12	1	100	22	9	7	4	11
	12	1,25	100	22	9	7	4	10,75
	12	1,5	100	22	9	7	4	10,5
	14	1,5	100	22	11	9	4	12,5
	16	1,5	100	22	12	9	4	14,5

CODICE - CODE		
V83MF...TXC	K83MF...X-TXC	K83MF...XFOR-TXC
●	○	
○		
●		
○		
○		
●		
●		
*		
*		
*		
*		

\* Tipo 1: Non rastremato / Not tapered

\* Tipo 2: Rastremato secondo dis:  
Back tapered according picture:



Sul tipo 2 si consiglia la filettatura rigida

On type 2 we recommend Syncro rigid threading:



Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

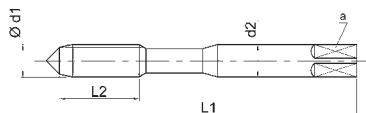
€ Pagina listino - Price list page

66  
● Standard ○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

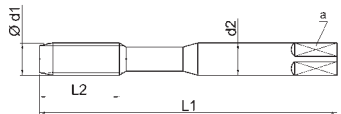
66  
★ Solo a richiesta  
★ Only on request

MASCHI A MACCHINA MACHINE TAPS

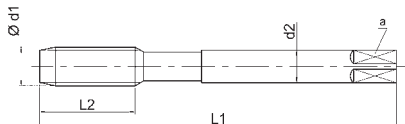
DIN 371



DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

LINE



LINE



LINE



3xD

3xD

3xD

HSSP

HSSP

HSSP

6HX

6HX

6HX

BR

V

TiN

1.1 1.2 1.3

1.1 1.2

1.1 1.2 1.3 1.4

4.1 4.2

4.1 4.2

2.1 2.2 2.3

5.1 5.2

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	-	3,80
◀	5	0,5	70	13	6	4,9	-	4,80
◀	6	0,75	80	16	6	4,9	-	5,65
◀	8	0,75	90	18	8	6,2	-	7,65
◀	8	1	90	18	8	6,2	-	7,55
◀	10	1	90	15	10	8	-	9,55
◀	10	1,25	100	20	10	8	-	9,40
	8	1	90	18	8	6,2	-	7,55
	10	1	90	15	10	8	-	9,55
	10	1,25	100	20	10	8	-	9,40

CODICE - CODE		
P2SCMF...	P2SCMF...V	P2SCMF...T
*	*	*
*	*	*
*	*	*
*	*	*
●	○	○
●	○	○
●	○	○
P2SCMF...SP	P2SCMF...SP-V	P2SCMF...SP-T
*	*	*
*	*	*
*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	-	11,55
	12	1,25	100	22	9	7	-	11,40
	12	1,5	100	22	9	7	-	11,30
	14	1,25	100	22	11	9	-	13,45
	14	1,5	100	22	11	9	-	13,30
	16	1,5	100	22	12	9	-	15,30

CODICE - CODE		
P2SCMF...	P2SCMF...V	P2SCMF...T
*	*	*
●	○	○
●	○	○
○	○	○
●	○	○
●	○	○

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

66

67

67

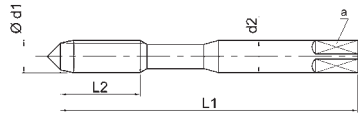
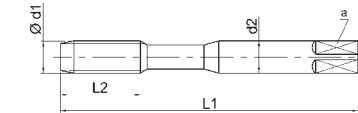
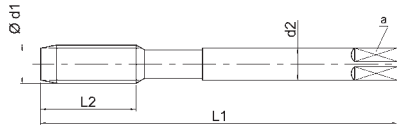
● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

**P - SERIES**
**MASCHI A RULLARE**

Roll form taps

**MASCHI A MACCHINA MACHINE TAPS**
**DIN 371**

**DIN 371**

**DIN 374**


Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

 Numero gruppi materiali  
Material's groups number

LINE



LINE



LINE



3xD

HSSP

6GX

BR

1.1 1.2 1.3

4.1 4.2

3xD

HSSP

6GX

V

1.1 1.2

4.1 4.2

5.1 5.2

3xD

HSSP

6GX

TiN

1.1 1.2 1.3 1.4

2.1 2.2 2.3

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	-	3,80
◀	5	0,5	70	13	6	4,9	-	4,80
◀	6	0,75	80	16	6	4,9	-	5,65
◀	8	0,75	90	18	8	6,2	-	7,65
◀	8	1	90	18	8	6,2	-	7,55
◀	10	1	90	15	10	8	-	9,55
◀	10	1,25	100	20	10	8	-	9,40
	8	1	90	18	8	6,2	-	7,55
	10	1	90	15	10	8	-	9,55
	10	1,25	100	20	10	8	-	9,40

P3SCMF...	CODICE - CODE	
	P3SCMF...V	P3SCMF...T
*	*	*
*	*	*
*	*	*
*	*	*
○	○	○
○	○	○
○	○	○
P3SCMF...SP	P3SCMF...SP-V	P3SCMF...SP-T
*	*	*
*	*	*
*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	-	11,55
	12	1,25	100	22	9	7	-	11,40
	12	1,5	100	22	9	7	-	11,30
	14	1,25	100	22	11	9	-	13,45
	14	1,5	100	22	11	9	-	13,30
	16	1,5	100	22	12	9	-	15,30

P3SCMF...	CODICE - CODE	
	P3SCMF...V	P3SCMF...T
*	*	*
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

 Confezione / Box:  
 M3 – M10: 10 pezzi / pcs  
 M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

67

67

67

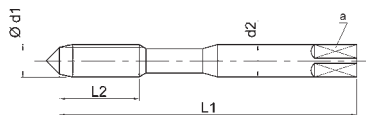
 ● Standard  
● Standard

 ○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

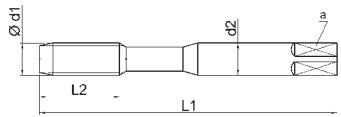
 ★ Solo a richiesta  
★ Only on request

MASCHI A MACCHINA MACHINE TAPS

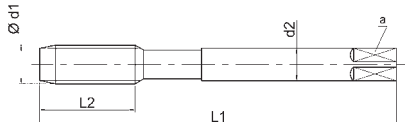
DIN 371



DIN 371



DIN 374



LINE



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD
HSSP	HSSP	HSSP
6HX	6HX	6HX
<b>BR</b>	<b>V</b>	<b>TiN</b>
1.1 1.2 1.3	1.1 1.2	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	2.1 2.2 2.3
	5.1 5.2	4.1 4.2 4.3
		5.1 5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	4	3,80
◀	5	0,5	70	13	6	4,9	5	4,80
◀	6	0,75	80	16	6	4,9	5	5,65
◀	8	0,75	90	18	8	6,2	5	7,65
◀	8	1	90	18	8	6,2	5	7,55
◀	10	1	90	15	10	8	5	9,55
◀	10	1,25	100	20	10	8	5	9,40
	8	1	90	18	8	6,2	5	7,55
	10	1	90	15	10	8	5	9,55
	10	1,25	100	20	10	8	5	9,40

CODICE - CODE		
P2CCMF...	P2CCMF...V	P2CCMF...T
*	*	*
*	*	*
*	*	*
*	*	*
●	○	○
●	○	○
●	○	○
P2CCMF...SP	P2CCMF...SP-V	P2CCMF...SP-T
*	*	*
*	*	*
*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	6	11,55
	12	1,25	100	22	9	7	6	11,40
	12	1,5	100	22	9	7	6	11,30
	14	1,25	100	22	11	9	6	13,45
	14	1,5	100	22	11	9	6	13,30
	16	1,5	100	22	12	9	6	15,30
	18	1,5	110	25	14	11	6	17,30
	20	1,5	125	25	16	12	6	19,30

CODICE - CODE		
P2CCMF...	P2CCMF...V	P2CCMF...T
*	*	*
●	○	○
●	○	○
○	○	○
●	○	○
●	○	○
*	*	*
*	*	*

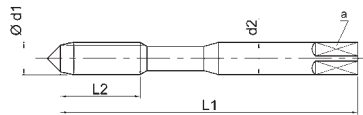
P - SERIES

MASCHI A RULLARE

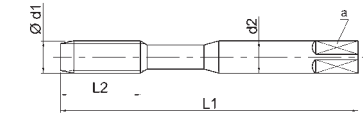
Roll form taps

MASCHI A MACCHINA MACHINE TAPS

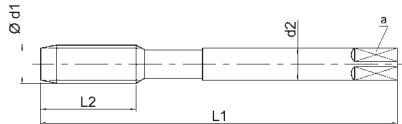
DIN 371



DIN 371



DIN 374



LINE



LINE



LINE



Profondità di filettatura - Thread depth

3xD

3xD

3xD

Materiale - Material

HSSP

HSSP

HSSP

Tolleranza - Tolerance

6GX

6GX

6GX

Trattamento superficiale - Surface treatment

BR

V

TiN

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3

1.1 1.2

1.1 1.2 1.3 1.4

4.1 4.2

4.1 4.2

2.1 2.2 2.3

5.1 5.2

4.1 4.2 4.3

5.1 5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	4	3,80
◀	5	0,5	70	13	6	4,9	5	4,80
◀	6	0,75	80	16	6	4,9	5	5,65
◀	8	0,75	90	18	8	6,2	5	7,65
◀	8	1	90	18	8	6,2	5	7,55
◀	10	1	90	15	10	8	5	9,55
◀	10	1,25	100	20	10	8	5	9,40
	8	1	90	18	8	6,2	5	7,55
	10	1	90	15	10	8	5	9,55
	10	1,25	100	20	10	8	5	9,40

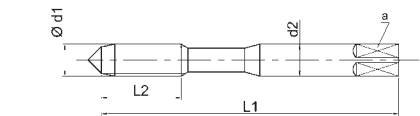
P3CCMF...	CODICE - CODE	
	P3CCMF...V	P3CCMF...T
*	*	*
*	*	*
*	*	*
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
P3CCMF...SP	P3CCMF...SP-V	P3CCMF...SP-T
*	*	*
*	*	*
*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	6	11,55
	12	1,25	100	22	9	7	6	11,40
	12	1,5	100	22	9	7	6	11,30
	14	1,25	100	22	11	9	6	13,45
	14	1,5	100	22	11	9	6	13,30
	16	1,5	100	22	12	9	6	15,30
	18	1,5	110	25	14	11	6	17,30
	20	1,5	125	25	16	12	6	19,30

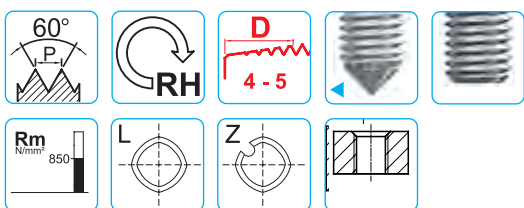
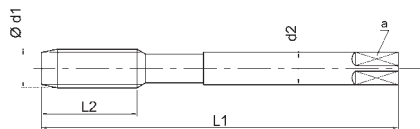
P3CCMF...	CODICE - CODE	
	P3CCMF...V	P3CCMF...T
*	*	*
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
*	*	*
*	*	*

Confezione / Box: M3 - M10: 10 pezzi / pcs M12 - M16: 5 pezzi / pcs	€ Pagina listino - Price list page	68	68	68
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3xD	3xD
HSSP	HSSP	HSSP	HSSP
6HX	6HX	6HX	6HX
BR	TiN	BR	TiN
1.1 1.2 1.3	1.1 1.2 1.3 1.4	1.1 1.2 1.3	1.1 1.2 1.3 1.4
4.1 4.2	2.1 2.2 2.3	4.1 4.2	2.1 2.2 2.3
	4.1 4.2 4.3		4.1 4.2 4.3
	5.1 5.2		5.1 5.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	18	8	6,2	5	7,55
◀	10	1	90	15	10	8	5	9,55
◀	10	1,25	100	20	10	8	5	9,40

CODICE - CODE			
P2SCMF...FP	P2SCMF...FP-T	P2CCMF...FP	P2CCMF...FP-T
*	*	*	*
*	*	*	*
*	*	*	*

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	6	11,55
	12	1,5	100	22	9	7	6	11,30
	14	1,5	100	22	11	9	6	13,30
	16	1,5	100	22	12	9	6	15,30
	18	1,5	110	25	14	11	6	17,30
	20	1,5	125	25	16	12	6	19,30

CODICE - CODE			
P2SCMF...FP	P2SCMF...FP-T	P2CCMF...FP	P2CCMF...FP-T
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

69

69

69

69

● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request



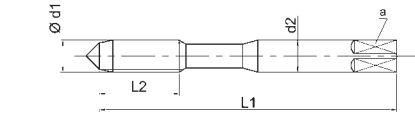
P - SERIES

MASCHI A RULLARE

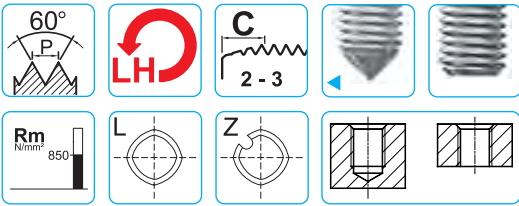
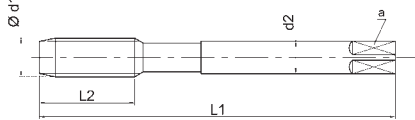
Roll form taps

MASCHI A MACCHINA, FILETTATURA SINISTRA MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number



3xD	3xD	3xD	3xD
HSSP	HSSP	HSSP	HSSP
6HX	6HX	6HX	6HX
BR	TiN	BR	TiN
1.1 1.2 1.3	1.1 1.2 1.3 1.4	1.1 1.2 1.3	1.1 1.2 1.3 1.4
4.1 4.2	2.1 2.2 2.3	4.1 4.2	2.1 2.2 2.3
	4.1 4.2 4.3		4.1 4.2 4.3
	5.1 5.2		5.1 5.2

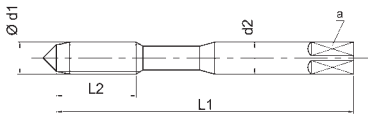
DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	18	8	6,2	5	7,55
◀	10	1	90	15	10	8	5	9,55
◀	10	1,25	100	20	10	8	5	9,40

CODICE - CODE			
P2SCMF...LH	P2SCMF...LH-T	P2CCMF...LH	P2CCMF...LH-T
*	*	*	*
*	*	*	*
*	*	*	*

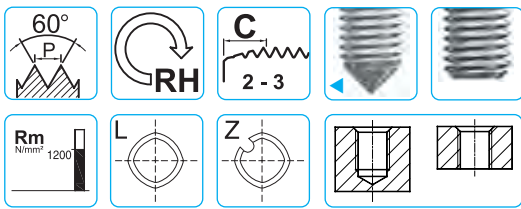
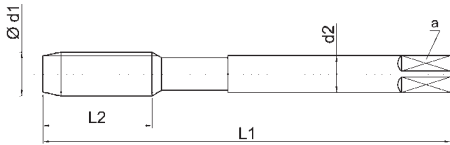
DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	6	11,55
	12	1,5	100	22	9	7	6	11,30
	14	1,5	100	22	11	9	6	13,30
	16	1,5	100	22	12	9	6	15,30
	18	1,5	110	25	14	11	6	17,30
	20	1,5	125	25	16	12	6	19,30

CODICE - CODE			
P2SCMF...LH	P2SCMF...LH-T	P2CCMF...LH	P2CCMF...LH-T
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

top



top



top



top



3xD	3xD	3xD	3xD
PM3	PM3	PM3	PM3
6HX	6GX	6HX	6GX
TiN-G	TiN-G	TiN-G	TiN-G
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4
4.1 4.2 4.3	4.1 4.2 4.3	4.1 4.2 4.3	4.1 4.2 4.3
5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	4	0,5	63	13	4,5	3,4	4	3,75
◀	5	0,5	70	13	6	4,9	5	4,75
◀	6	0,75	80	16	6	4,9	5	5,65
◀	8	1	90	18	8	6,2	5	7,55
◀	10	1	90	15	10	8	5	9,55
◀	10	1,25	100	20	10	8	5	9,45

CODICE - CODE			
X2SCMF...TG	X3SCMF...TG	X2CCMF...TG	X3CCMF...TG
*	*	*	*
*	*	*	*
*	*	*	*
○	○	○	○
○	○	○	○
○	○	○	○

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	6	11,55
	12	1,25	100	22	9	7	6	11,45
	12	1,5	100	22	9	7	6	11,30
	14	1,25	100	22	11	9	6	13,45
	14	1,5	100	22	11	9	6	13,30
	16	1,5	100	22	12	9	6	15,30

CODICE - CODE			
X2SCMF...TG	X3SCMF...TG	X2CCMF...TG	X3CCMF...TG
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

70

70

70

70

● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

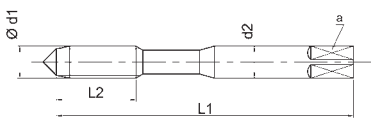
X - SERIES

MASCHI A RULLARE

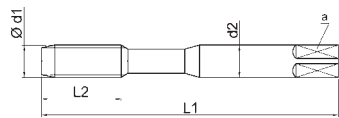
Roll form taps

MASCHI A MACCHINA MACHINE TAPS

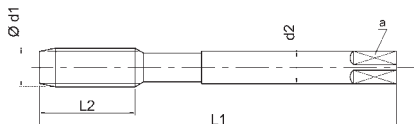
DIN 371



DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

TOP



TOP



TOP



3xD

3xD

3xD

PM3

PM3

PM3

6HX

6HX

6HX

TXC

TiN-G

TiN-G

1.1 1.2

1.1 1.2 1.3 1.4 1.5

1.1 1.2 1.3 1.4 1.5

4.1 4.2 4.3

2.1 2.2 2.3 2.4

2.1 2.2 2.3 2.4

5.1 5.2

4.1 4.2 4.3

4.1 4.2 4.3

5.1 5.2 7.1 7.2

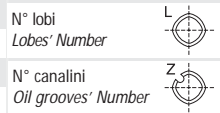
5.1 5.2 7.1 7.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	8	1	90	18	8	6,2	5	7,55
◀	10	1	90	15	10	8	5	9,55
◀	10	1,25	100	20	10	8	5	9,45
	8	1	90	18	8	6,2	5	7,55
	10	1	90	15	10	8	5	9,55
	10	1,25	100	20	10	8	5	9,45
◀	8	1	90	18	8	6,2	2	7,55
◀	10	1	90	15	10	8	2	9,55
◀	10	1,25	100	20	10	8	2	9,45

CODICE - CODE	
X2CCMF...TXC	
○	
○	
○	
	X2CCMF...FOR-TG
-	○
-	○
-	○
	X2CCMF...FORY-TG
-	★ 4L/Z2
-	★ 4L/Z2
-	★ 4L/Z2

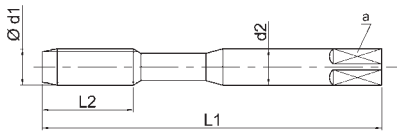
DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	12	1	100	22	9	7	6	11,55
	12	1,25	100	22	9	7	6	11,45
	12	1,5	100	22	9	7	6	11,30
	14	1,5	100	22	11	9	6	13,30
	16	1,5	100	22	12	9	6	15,30
	12	1	100	22	9	7	6	11,55
	12	1,25	100	22	9	7	6	11,45
	12	1,5	100	22	9	7	6	11,30
	14	1,5	100	22	11	9	6	13,30
	16	1,5	100	22	12	9	6	15,30

CODICE - CODE	
X2CCMF...TXC	X2CCMF...FOR-TG
○	○
○	○
○	○
○	○
○	○
	X2CCMF...FORY-TG
-	★ 6L/Z3
-	★ 6L/Z3
-	★ 6L/Z3
-	★ 6L/Z3
-	★ 6L/Z3

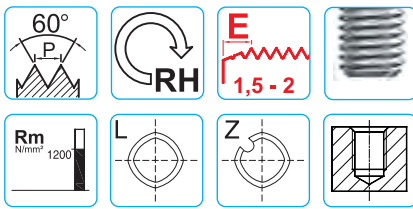
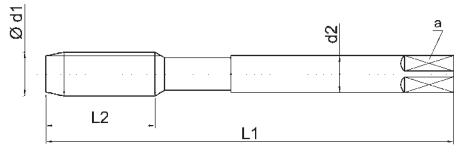


Confezione / Box: M3 – M10: 10 pezzi / pcs M12 – M16: 5 pezzi / pcs	€ Pagina listino - Price list page	70	70	70
● Disponibile a stock ● Available in stock	○ Disponibilità da richiedere, prezzo a listino ○ Lead time on enquiry, standard price-list			★ Solo a richiesta ★ Only on request

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3xD
PM3	PM3	PM3
6HX	6HX	6HX
<b>TiN-G</b>	<b>TiN-G</b>	<b>TiN-G</b>
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4
4.1 4.2 4.3	4.1 4.2 4.3	4.1 4.2 4.3
5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2

DIN 371	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
8	1	90	18	8	6,2	5	7,55	
10	1	90	15	10	8	5	9,55	
10	1,25	100	20	10	8	5	9,45	

CODICE - CODE		
X2SCEMF...TG	X2CCEMF...TG	X2CCEMF...FOR-TG
○	○	○
○	○	○
○	○	○

DIN 374	Ød1 MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
12	1	100	22	9	7	6	11,55	
12	1,25	100	22	9	7	6	11,45	
12	1,5	100	22	9	7	6	11,30	
14	1,5	100	22	11	9	6	13,30	
16	1,5	100	22	12	9	6	15,30	

CODICE - CODE		
X2SCEMF...TG	X2CCEMF...TG	X2CCEMF...FOR-TG
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

71

71

71

● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

UNI 5870 - ISO 1502

LINE

MF

Calibri a tampone filettati passa / non passa

Thread plug gauges go/no-go



Tolleranza - Tolerance

6H

Trattamento superficiale - Surface treatment

BR

Ød1 MF	P mm	CODICE - CODE P-NPMF...
4	0,5	○
5	0,5	○
6	0,75	○
7	0,75	○
8	0,75	○
8	1	○
9	1	○
10	0,75	○
10	1	○
10	1,25	○
12	1	○
12	1,25	○
12	1,5	○
14	1	○
14	1,25	○
14	1,5	○
16	1	○
16	1,5	○
18	1	○
18	1,5	○
18	2	○
20	1	○
20	1,5	○
20	2	○
22	1	○
22	1,5	○
24	1	○
24	1,5	○
24	2	○
25	1	○
25	1,5	○
25	2	○
26	1,5	○
26	2	○

Segue diametri  
Diameters, to be continued

Pag. 148

Confezione: Singola  
Box: Single

€ Pagina listino - Price list page

108

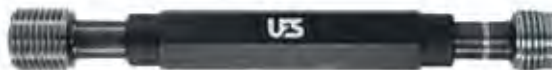
- Standard
- Standard

- Disponibilità da richiedere, prezzo a listino
- Lead time on enquiry, standard price-list

- ★ Solo a richiesta
- ★ Only on request

**CALIBRI FILETTATI** *THREAD GAUGES*
**UNI 5870 - ISO 1502**

LINE

**Calibri a tampone filettati passa / non passa**
*Thread plug gauges go/no-go*

Tolleranza - Tolerance
**6H**
Trattamento superficiale - Surface treatment
**BR**

Ød1 MF	P mm	CODICE - CODE P-NPMF...
27	1	○
27	1,5	○
28	1,5	○
28	2	○
30	1	○
30	1,5	○
30	2	○
32	1	○
32	1,5	○
32	2	○
33	2	○
35	1,5	○
35	2	○
36	1,5	○
36	2	○
36	3	○
38	1,5	○
39	2	○
40	1,5	○
40	2	○
40	3	○
42	1,5	○
42	2	○
42	3	○
45	1,5	○
45	2	○
45	3	○
48	1,5	○
48	2	○
48	3	○
50	1,5	○
50	2	○
50	3	○



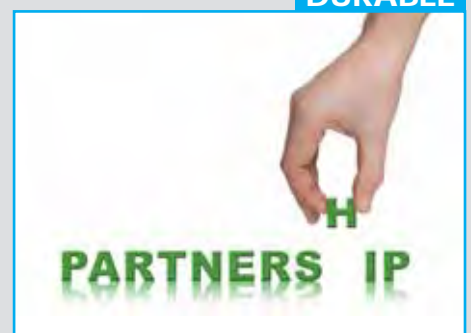
UNC

UNC



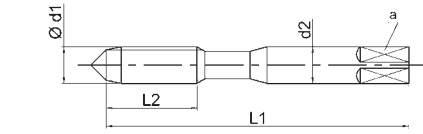
Partner certo per collaborazioni serie e durature  
*Partner for a reliable and lasting cooperation*

DURABLE

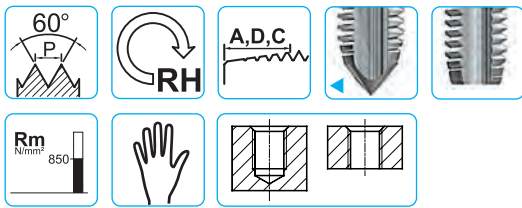
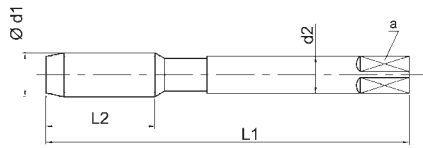


### MASCHI A MANO HAND TAPS

DIN 352



DIN 352



LINE

LINE

LINE

LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

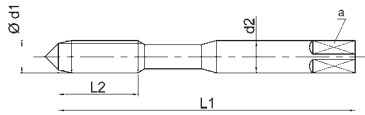
A 5-6	D 4-5	C 2-3	D 4-5
2xD	2xD	2xD	2xD
HSS	HSS	HSS	HSS
-	-	2B	2B
BR	BR	BR	BR
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4
4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4
5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3

DIN 352	Ød1 UNC	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	
6	32	3,505	45	10	4	3	3	2,85	
8	32	4,166	45	11	4,5	3,4	3	3,5	
10	24	4,826	50	13	6	4,9	3	3,9	
12	24	5,486	56	15	6	4,9	3	4,5	
1/4	20	6,350	56	16	6	4,9	3	5,1	
5/16	18	7,938	63	19	6	4,9	3	6,6	
3/8	16	9,525	70	22	7	5,5	3	8	
7/16	14	11,113	70	22	8	6,2	3	9,4	
1/2	13	12,700	75	28	9	7	3	10,8	
9/16	12	14,288	80	30	11	9	4	12,2	
5/8	11	15,875	80	30	12	9	4	13,5	
3/4	10	19,050	95	34	14	11	4	16,5	
7/8	9	22,225	100	34	18	14,5	4	19,5	
1"	8	25,400	110	38	18	14,5	4	22,25	
1 1/8"	7	28,575	125	45	22	18	4	25	
1 1/4"	7	31,750	125	45	22	18	4	28	
1 3/8"	6	34,925	150	55	28	22	4	30,75	
1 1/2"	6	38,100	150	55	28	22	4	34	
1 3/4"	5	44,450	160	60	36	29	5	39,5	
2"	4 1/2	50,800	180	65	40	32	6	45	

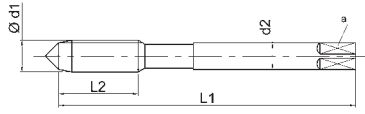
CODICE - CODE			
01UNC...	02UNC...	03UNC...	00UNC...
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o
*	*	o	o

**N** USO GENERALE  
General purpose

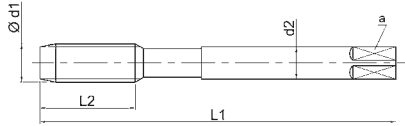
**DIN 371**



**DIN 376**



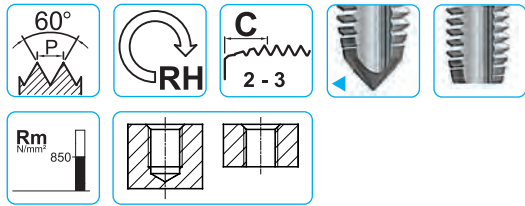
**DIN 376**



LINE



LINE



Profondità di filettatura - Thread depth:

Materiale - Material:

Tolleranza - Tolerance:

Trattamento superficiale - Surface treatment:

Numero gruppi materiali - Material's groups number:

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	12	24	5,486	80	16	6	4,9	3	4,5
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
◀	5/16	18	7,938	90	18	8	6,2	3	6,6
◀	3/8	16	9,525	100	20	10	8	3	8

CODICE - CODE	
E20UNC...	E20UNC...T
●	○
●	○
●	○
○	○
●	○
*	*
*	*

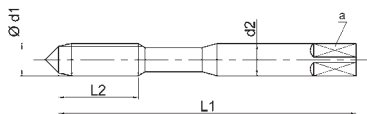
DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	20	6,350	80	16	4,5	3,4	3	5,1
◀	5/16	18	7,938	90	18	6	4,9	3	6,6
◀	3/8	16	9,525	100	20	7	5,5	3	8
	7/16	14	11,113	100	20	8	6,2	3	9,4
	1/2	13	12,700	110	25	9	7	3	10,8
	9/16	12	14,288	110	28	11	9	3	12,2
	5/8	11	15,875	110	28	12	9	3	13,5
	3/4	10	19,050	125	32	14	11	4	16,5
	7/8	9	22,225	140	32	18	14,5	4	19,5
	1"	8	25,400	160	36	18	14,5	4	22,25
	1"1/8	7	28,575	180	46	22	18	4	25
	1"1/4	7	31,750	180	46	22	18	4	28
	1"3/8	6	34,925	200	50	28	22	4	30,75
	1"1/2	6	38,100	200	50	28	22	4	34
■	1"3/4	5	44,450	220	60	36	29	5	39,5
■	2"	4 1/2	50,800	250	65	40	32	6	45

CODICE - CODE	
E21UNC...	E21UNC...T
○	○
●	○
●	○
●	○
●	○
○	○
●	○
●	○
○	○
●	○
○	○
○	*
○	*
○	*
●	*
*	*
*	*

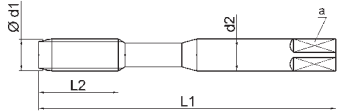
■ = Acciaio HSS / HSS Steel

## MASCHI A MACCHINA MACHINE TAPS

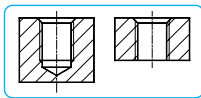
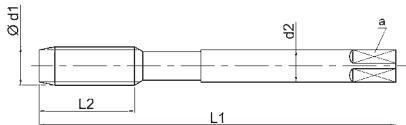
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Al Si>10%,  
Ottone / Brass  
Bronzo / and Bronze  
a truciolo corto / with short chip

Numero gruppi materiali  
Material's groups number

LINE



LINE



TOP



TOP



3XD

3xD

3xD

3,5xD

HSSE

HSSE

PM3

PM3

2BX

2BX

2BX

2BX

NQ

NS

TiAlN

TiAlN

3.1 3.2 3.3 3.4 3.5

3.1 3.2 3.3 3.4 3.5

3.1 3.2 3.3 3.4 3.5

3.1 3.2 3.3 3.4 3.5

4.3 4.4 4.5 4.6 5.3

4.3 4.4 4.5 4.6 5.3

4.4 5.3 5.4

4.4 5.3 5.4

8.2 10.1

8.2 10.1

10.1

10.1

DIN 371	$\varnothing d1$ UNC	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	12	24	5,486	80	16	6	4,9	3	4,5
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
◀	1/4	20	6,350	80	16	7	5,5	4	5,1
	5/16	18	7,938	90	18	8	6,2	4	6,6
	3/8	16	9,525	100	20	10	8	4	8
	1/4	20	6,350	80	16	7	5,5	3	5,1
	1/4	20	6,350	80	16	7	5,5	4	5,1

DIN 376	$\varnothing d1$ UNC	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
◀	5/16	18	7,938	90	18	6	4,9	4	6,6
◀	3/8	16	9,525	100	20	7	5,5	4	8
	7/16	14	11,113	100	20	8	6,2	4	9,4
	1/2	13	12,700	110	25	9	7	4	10,8
	9/16	12	14,288	110	28	11	9	4	12,2
	5/8	11	15,875	110	28	12	9	4	13,5
	3/4	10	19,050	125	32	14	11	4	16,5
	7/8	9	22,225	140	32	18	14,5	4	19,5
	1"	8	25,400	160	36	18	14,5	4	22,25
	3/4	10	19,050	125	32	14	11	5	16,5
	7/8	9	22,225	140	32	18	14,5	5	19,5
	1"	8	25,400	160	36	18	14,5	5	22,25

CODICE - CODE			
E26UNC...NQ	E26UNC...NS	K26UNC...TX	
*	○	-	-
*	○	-	-
*	●	-	-
*	○	-	-
*	●	-	-
-	-	○	-
-	-	○	-
-	-	○	-
E26UNC...SP-NQ	E26UNC...SP-NS	K26UNC...SP-TX	K26UNC...FOR-TX
*	○	-	-
-	-	○	*

CODICE - CODE			
E27UNC...NQ	E27UNC...NS	K27UNC...TX	K27UNC...FOR-TX
*	●	-	-
*	●	-	-
*	●	○	*
*	●	○	*
*	○	○	*
*	○	○	*
*	○	-	-
*	○	-	-
*	○	-	-
*	○	-	-
		○	*
		○	*
		○	*

Confezione / Box:  
6 - 7/16: 10 pezzi / pcs  
1/2 - 9/16: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

73

73

73

73

● Standard  
● Standard

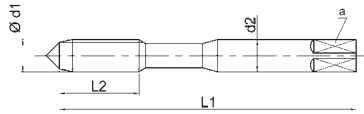
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

\* Solo a richiesta  
\* Only on request

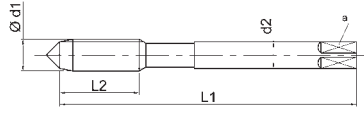
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

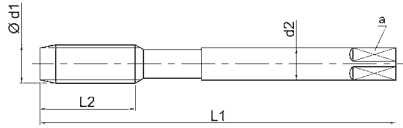
DIN 371



DIN 376



DIN 376



LINE



LINE



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
2B	2B	2B	2B
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	12	24	5,486	80	16	6	4,9	3	4,5
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
◀	5/16	18	7,938	90	18	8	6,2	3	6,6
◀	3/8	16	9,525	100	20	10	8	3	8

CODICE - CODE			
E24UNC...	E24UNC...V	E24UNC...T	E24UNC...XP
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
*	*	*	*
*	*	*	*

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	20	6,350	80	16	4,5	3,4	3	5,1
◀	5/16	18	7,938	90	18	6	4,9	3	6,6
◀	3/8	16	9,525	100	20	7	5,5	3	8
	7/16	14	11,113	100	20	8	6,2	3	9,4
	1/2	13	12,700	110	25	9	7	3	10,8
	9/16	12	14,288	110	28	11	9	3	12,2
	5/8	11	15,875	110	28	12	9	3	13,5
	3/4	10	19,050	125	32	14	11	4	16,5
	7/8	9	22,225	140	32	18	14,5	4	19,5
	1"	8	25,400	160	36	18	14,5	4	22,25
	1"1/8	7	28,575	180	46	22	18	4	25
	1"1/4	7	31,750	180	46	22	18	4	28
	1"3/8	6	34,925	200	50	28	22	4	30,75
	1"1/2	6	38,100	200	50	28	22	4	34
■	1"3/4	5	44,450	220	60	36	29	5	39,5
■	2"	4 1/2	50,800	250	65	40	32	6	45

CODICE - CODE			
E25UNC...	E25UNC...V	E25UNC...T	E25UNC...XP
○	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
○	*	*	*
●	*	*	*
○	*	*	*
●	*	*	*
*	*	*	*
*	*	*	*

■ = Acciaio HSS / HSS Steel

Confezione / Box:  
6 - 7/16: 10 pezzi / pcs  
1/2 - 9/16: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

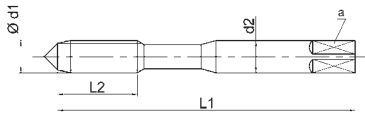
\* Solo a richiesta  
\* Only on request



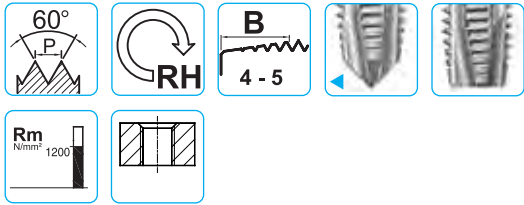
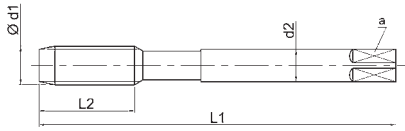
### MASCHI A MACCHINA MACHINE TAPS

### U APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm<sup>2</sup> Universal Applications R ≤ 1200 N/mm<sup>2</sup>

DIN 371



DIN 376



- Profondità di filettatura - Thread depth
- Materiale - Material
- Tolleranza - Tolerance
- Trattamento superficiale - Surface treatment
- Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD
PM3	PM3	PM3
2BX	2BX	2BX
BR	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.1 4.2	2.1 2.2 2.3	2.1 2.2 2.3
5.1 5.2	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2

DIN 371	$\varnothing d1$ UNC	P TPI	$\varnothing$ mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h <sub>9</sub>	a h <sub>12</sub>	Z	
◀	4	40	2,845	56	10	3,5	2,7	3	2,35
◀	5	40	3,175	56	10	3,5	2,7	3	2,65
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
◀	5/16	18	7,938	90	18	8	6,2	3	6,6
◀	3/8	16	9,525	100	20	10	8	3	8

K24UNC...U	CODICE - CODE	
	K24UNC...XP	K24UNC...FORY-XP
*	*	-
*	*	-
*	*	-
*	*	-
*	*	-
*	○	*
*	○	*
*	○	*

DIN 376	$\varnothing d1$ UNC	P TPI	$\varnothing$ mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h <sub>9</sub>	a h <sub>12</sub>	Z	
	7/16	14	11,113	100	20	8	6,2	3	9,4
	1/2	13	12,700	110	25	9	7	4	10,8
	9/16	12	14,288	110	28	11	9	4	12,2
	5/8	11	15,875	110	28	12	9	4	13,5
	3/4	10	19,050	125	32	14	11	4	16,5
	7/8	9	22,225	140	32	18	14,5	4	19,5
	1"	8	25,400	160	36	18	14,5	4	22,25

K25UNC...U	CODICE - CODE	
	K25UNC...XP	K25UNC...FORY-XP
*	○	*
*	○	*
*	○	*
*	○	*
*	*	*
*	*	*
*	*	*



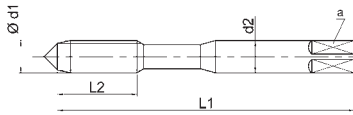
**INOX**

**ACCIAIO INOSSIDABILE**

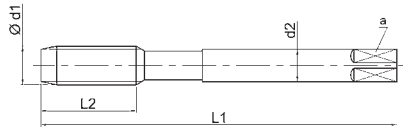
*Stainless steel*

**MASCHI A MACCHINA MACHINE TAPS**

**DIN 371**



**DIN 376**



TOP



Profondità di filettatura - Thread depth

3xD

Materiale - Material

HSSV3

Tolleranza - Tolerance

2BX

Trattamento superficiale - Surface treatment

**TXC**

Numero gruppi materiali  
Material's groups number

1.3 1.4 1.5

2.1 2.2 2.3 2.4

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
◀	5/16	18	7,938	90	18	8	6,2	3	6,6
◀	3/8	16	9,525	100	20	10	8	3	8

V24UNC...TXC		CODICE - CODE	
*			
*			
*			
○			
○			
○			

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	7/16	14	11,113	100	20	8	6,2	3	9,4
	1/2	13	12,700	110	25	9	7	3	10,8
	9/16	12	14,288	110	28	11	9	4	12,2
	5/8	11	15,875	110	28	12	9	4	13,5
	3/4	10	19,050	125	32	14	11	4	16,5
	7/8	9	22,225	140	32	18	14,5	4	19,5
	1"	8	25,400	160	36	18	14,5	4	22,25

V25UNC...TXC		CODICE - CODE	
○			
○			
○			
○			
*			
*			
*			

Confezione / Box:  
6 - 7/16: 10 pezzi / pcs  
1/2 - 9/16: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

75

- Standard
- Standard

- Disponibilità da richiedere, prezzo a listino
- Lead time on enquiry, standard price-list

- ★ Solo a richiesta
- ★ Only on request

# UNC

## Filettatura americana UNC passo grosso ASME B1.1

### UNC coarse thread ASME B1.1

Unified Grobgewinde UNC ASME B1.1 – Maschinengewindebohrer

Filetage américain UNC ASME B1.1 – Tarauds machine

Rosca gruesa UNC ASME B1.1 – Machos de roscar a máquina

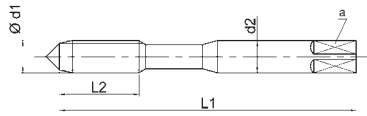


## MASCHI A MACCHINA MACHINE TAPS

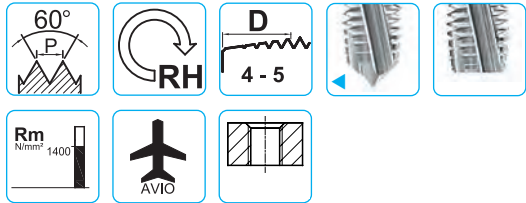
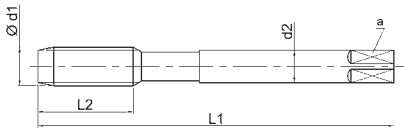
Ti

TITANIO  
Titanium

DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3xD
PM3	PM3	PM3
2BX	2BX	3BX
V	TiCN	V
6.1	1.6 2.4	6.1
	3.3 3.4	
	4.4 5.3 5.4 6.2 6.3	
	7.2 9.2	

DIN 371	Ød1 UNC	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	
6	32	3,505	56	11	4	3	3	*2,85	
8	32	4,166	63	13	4,5	3,4	3	*3,5	
10	24	4,826	70	13	6	4,9	3	*3,9	
1/4	20	6,350	80	16	7	5,5	3	*5,1	
5/16	18	7,938	90	18	8	6,2	3	*6,6	
3/8	16	9,525	100	20	10	8	3	*8	

K52UNC...V	CODICE - CODE	
	K52UNC...CT	K52UNC...V-3BX
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*

DIN 376	Ød1 UNC	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	
1/2	13	12,700	110	25	9	7	3	*10,8	
5/8	11	15,875	110	28	12	9	3	*13,5	
3/4	10	19,050	125	32	14	11	4	*16,5	

K53UNC...V	CODICE - CODE	
	K53UNC...CT	K53UNC...V-3BX
*	*	*
*	*	*
*	*	*

\* Per UNJC vedi tabella di foratura pag. 254

\* Drills' diameters for UNJC: table page 254

Confezione / Box.  
6 – 7/16: 10 pezzi / pcs  
1/2 – 9/16: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

● Standard  
● Standard

75

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

75

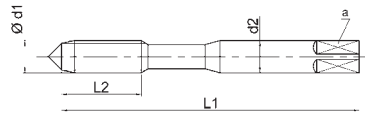
76

\* Solo a richiesta  
\* Only on request

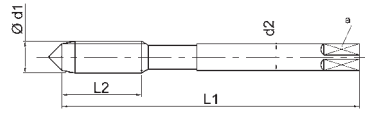
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

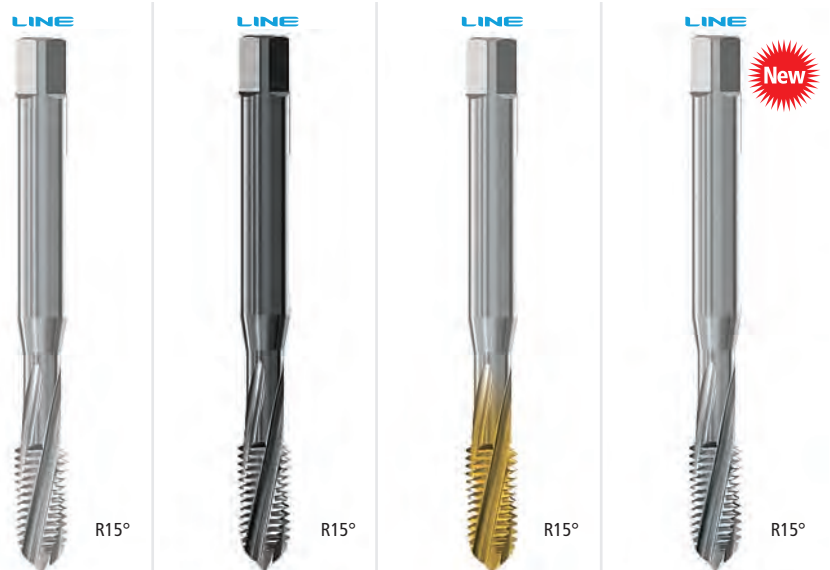
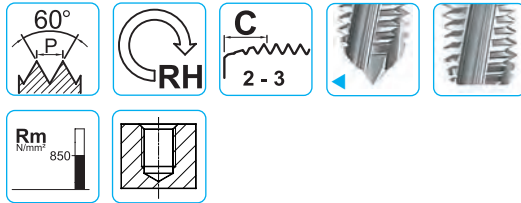
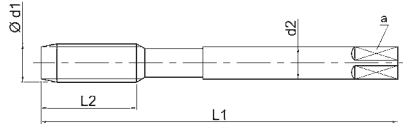
DIN 371



DIN 376



DIN 376



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

1.5xD	1.5xD	1.5xD	1.5xD
HSSE	HSSE	HSSE	HSSE
2B	2B	2B	2B
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	12	24	5,486	80	16	6	4,9	3	4,5
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
◀	5/16	18	7,938	90	18	8	6,2	3	6,6
◀	3/8	16	9,525	100	20	10	8	3	8

CODICE - CODE			
E40UNC...	E40UNC...V	E40UNC...T	E40UNC...XP
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
*	*	*	*
*	*	*	*

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	20	6,350	80	16	4,5	3,4	3	5,1
◀	5/16	18	7,938	90	18	6	4,9	3	6,6
◀	3/8	16	9,525	100	20	7	5,5	3	8
	7/16	14	11,113	100	20	8	6,2	3	9,4
	1/2	13	12,700	110	25	9	7	3	10,8
	9/16	12	14,288	110	28	11	9	3	12,2
	5/8	11	15,875	110	28	12	9	3	13,5
	3/4	10	19,050	125	32	14	11	4	16,5
	7/8	9	22,225	140	32	18	14,5	4	19,5
	1"	8	25,400	160	36	18	14,5	4	22,25
	1 1/8	7	28,575	180	46	22	18	4	25
	1 1/4	7	31,750	180	46	22	18	4	28
	1 3/8	6	34,925	200	50	28	22	4	30,75
	1 1/2	6	38,100	200	50	28	22	4	34
■	1 3/4	5	44,450	220	60	36	29	5	39,5
■	2"	4 1/2	50,800	250	65	40	32	6	45

CODICE - CODE			
E41UNC...	E41UNC...V	E41UNC...T	E41UNC...XP
○	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
○	*	*	*
●	*	*	*
○	*	*	*
●	*	*	*
*	*	*	*
*	*	*	*

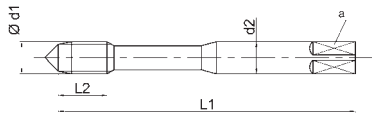
■ = Acciaio HSS / HSS Steel  
 Confezione / Box:  
 6 - 7/16: 10 pezzi / pcs  
 1/2 - 9/16: 5 pezzi / pcs  
 Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

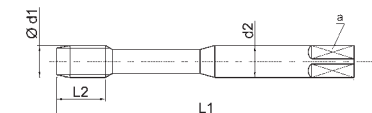
76	76	76	77
● Standard	○ Disponibilità da richiedere, prezzo a listino	* Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list	* Only on request	

### MASCHI A MACCHINA MACHINE TAPS

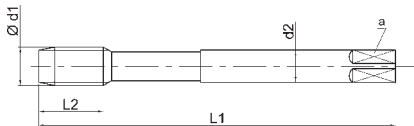
DIN 371



DIN 371



DIN 376



60°

RH

C  
2-3

Rm  
1400

AVIO



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

1,5xD	1,5xD	1,5xD
PM3	PM3	PM3
2BX	2BX	3BX
BR	BR	BR
6.1	1.6 2.4	6.1
	3.3 3.4	
	4.4 5.3 5.4 6.2 6.3	
	7.2 9.2	

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	7	4	3	3	*2,85
◀	8	32	4,166	63	7	4,5	3,4	3	*3,5
◀	10	24	4,826	70	8	6	4,9	3	*3,9
◀	1/4	20	6,350	80	10	7	5,5	3	*5,1
	5/16	18	7,938	90	13	8	6,2	3	*6,6
	3/8	16	9,525	100	15	10	8	3	*8

CODICE - CODE		
K42UNC...V	K42UNC...CT	K42UNC...V-3BX
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	1/2	13	12,700	110	18	9	7	4	*10,8
	5/8	11	15,875	110	20	12	9	4	*13,5
	3/4	10	19,050	125	25	14	11	4	*16,5

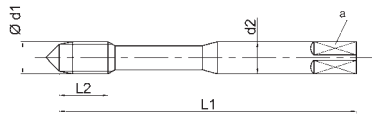
CODICE - CODE		
K43UNC...V	K43UNC...CT	K43UNC...V-3BX
*	*	*
*	*	*
*	*	*

\* Per UNJC vedi tabella di foratura pag. 254  
 \* Drills' diameters for UNJC: table page 254

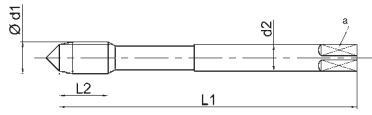
**N** USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

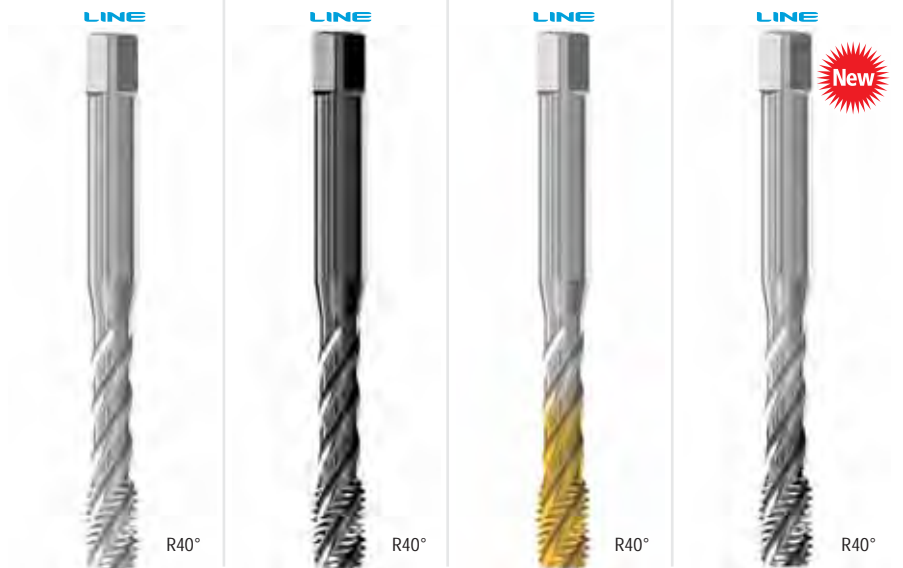
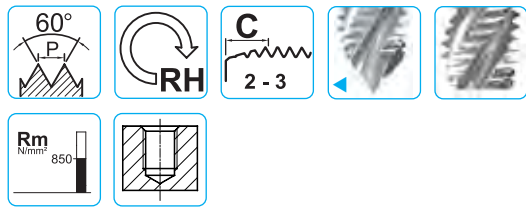
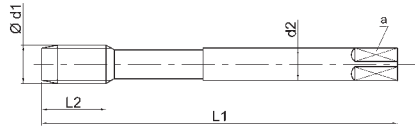
DIN 371



DIN 376



DIN 376



Profondità di filettatura - Thread depth	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	2B	2B	2B	2B
Trattamento superficiale - Surface treatment	BR	V	TiN	XP
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
	5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	12	24	5,486	80	16	6	4,9	3	4,5
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
	5/16	18	7,938	90	18	8	6,2	3	6,6
	3/8	16	9,525	100	20	10	8	3	8

E60UNC...	CODICE - CODE		
	E60UNC...V	E60UNC...T	E60UNC...XP
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
*	*	*	*
*	*	*	*

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	20	6,350	80	10	4,5	3,4	3	5,1
	5/16	18	7,938	90	13	6	4,9	3	6,6
	3/8	16	9,525	100	15	7	5,5	3	8
	7/16	14	11,113	100	15	8	6,2	3	9,4
	1/2	13	12,700	110	18	9	7	3	10,8
	9/16	12	14,288	110	20	11	9	4	12,2
	5/8	11	15,875	110	20	12	9	4	13,5
	3/4	10	19,050	125	25	14	11	4	16,5
	7/8	9	22,225	140	25	18	14,5	4	19,5
	1"	8	25,400	160	30	18	14,5	4	22,25
	1"1/8	7	28,575	180	35	22	18	4	25
	1"1/4	7	31,750	180	35	22	18	4	28
	1"3/8	6	34,925	200	40	28	22	4	30,75
	1"1/2	6	38,100	200	40	28	22	4	34

E61UNC...	CODICE - CODE		
	E61UNC...V	E61UNC...T	E61UNC...XP
○	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
○	*	*	*
●	*	*	*
○	*	*	*
●	*	*	*

Confezione / Box: 6 - 7/16: 10 pezzi / pcs 1/2 - 9/16: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	77	78	78	78
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	

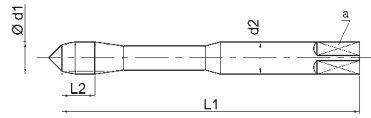
## MASCHI A MACCHINA MACHINE TAPS

U

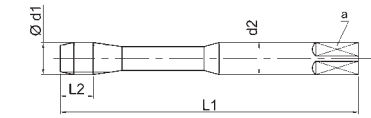
APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm<sup>2</sup>

Universal Applications R ≤ 1200 N/mm<sup>2</sup>

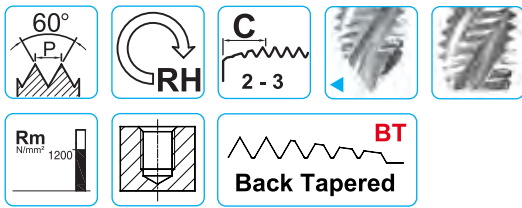
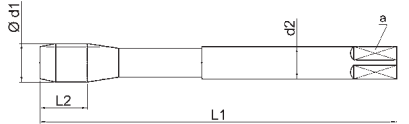
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3,5xD	3,5xD
PM3	PM3	PM3	PM3
2BX	2BX	2BX	2BX
BR	XP	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.2 5.2	2.1 2.2 2.3	2.1 2.2 2.3	2.1 2.2 2.3
	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2	5.2

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h <sub>9</sub>	a h <sub>12</sub>	Z	
◀	4	40	2,845	56	5	3,5	2,7	3	2,35
◀	5	40	3,175	56	5	3,5	2,7	3	2,65
◀	6	32	3,505	56	7	4	3	3	2,85
◀	8	32	4,166	63	7	4,5	3,4	3	3,5
◀	10	24	4,826	70	8	6	4,9	3	3,9
◀	1/4	20	6,350	80	10	7	5,5	3	5,1
	5/16	18	7,938	90	13	8	6,2	3	6,6
	3/8	16	9,525	100	15	10	8	3	8

K82UNC...U	CODICE - CODE		
	K82UNC...XP	K82UNC...FOR-XP	K82UNC...FOR-XP
*	*	-	-
*	*	-	-
*	*	-	-
*	*	-	-
*	*	-	-
*	○	○	*
*	○	○	*
*	○	○	*

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h <sub>9</sub>	a h <sub>12</sub>	Z	
	7/16	14	11,113	100	15	8	6,2	3	9,4
	1/2	13	12,700	110	18	9	7	3	10,8
	9/16	12	14,288	110	20	11	9	4	12,2
	5/8	11	15,875	110	20	12	9	4	13,5
	3/4	10	19,050	125	25	14	11	4	16,5
	7/8	9	22,225	140	25	18	14,5	4	19,5
	1"	8	25,400	160	30	18	14,5	4	22,25

K83UNC...U	CODICE - CODE		
	K83UNC...XP	K83UNC...FOR-XP	K83UNC...FOR-XP
*	○	○	*
*	○	○	*
*	○	○	*
*	○	○	*
*	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box:  
6 – 7/16: 10 pezzi / pcs  
1/2 – 9/16: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

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79

79

79

● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request



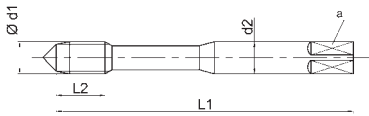
**INOX**

**ACCIAIO INOSSIDABILE**

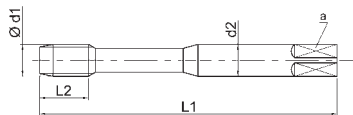
*Stainless steel*

**MASCHI A MACCHINA MACHINE TAPS**

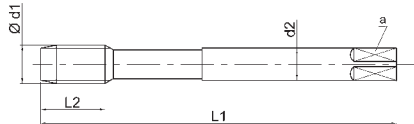
**DIN 371**



**DIN 371**



**DIN 376**



Profondità di filettatura - Thread depth

**3,5xD**

Materiale - Material

**HSSV3**

Tolleranza - Tolerance

**2BX**

Trattamento superficiale - Surface treatment

**TXC**

Numero gruppi materiali  
Material's groups number

1.3 1.4 1.5

2.1 2.2 2.3 2.4

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	3	2,85
◀	8	32	4,166	63	13	4,5	3,4	3	3,5
◀	10	24	4,826	70	13	6	4,9	3	3,9
◀	1/4	20	6,350	80	16	7	5,5	3	5,1
	5/16	18	7,938	90	18	8	6,2	3	6,6
	3/8	16	9,525	100	20	10	8	3	8

CODICE - CODE	
V82UNC...TXC	
*	
*	
*	
○	
○	
○	

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	7/16	14	11,113	100	20	8	6,2	3	9,4
	1/2	13	12,700	110	25	9	7	3	10,8
	9/16	12	14,288	110	28	11	9	4	12,2
	5/8	11	15,875	110	28	12	9	4	13,5
	3/4	10	19,050	125	32	14	11	4	16,5
	7/8	9	22,225	140	32	18	14,5	4	19,5
	1"	8	25,400	160	36	18	14,5	4	22,25

CODICE - CODE	
V83UNC...TXC	
○	
○	
○	
○	
*	
*	
*	

Confezione / Box:  
6 - 7/16: 10 pezzi / pcs  
1/2 - 9/16: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

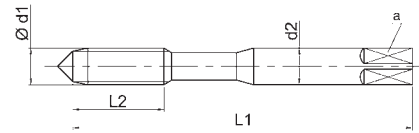
79

- Standard
- Standard

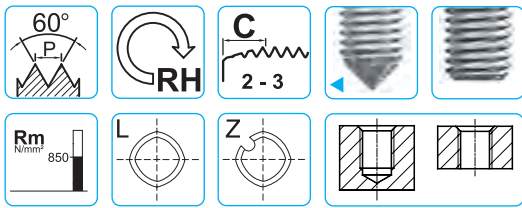
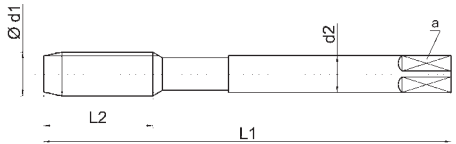
- Disponibilità da richiedere, prezzo a listino
- Lead time on enquiry, standard price-list

- ★ Solo a richiesta
- ★ Only on request

DIN 371



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number



3xD	3xD	3xD	3xD
HSSP	HSSP	HSSP	HSSP
2BX	2BX	2BX	2BX
BR	TiN	BR	TiN
1.1 1.2 1.3	1.1 1.2 1.3 1.4	1.1 1.2 1.3	1.1 1.2 1.3 1.4
4.1 4.2	2.1 2.2 2.3	4.1 4.2	2.1 2.2 2.3
	4.1 4.2 4.3		4.1 4.2 4.3
	5.1 5.2		5.1 5.2

DIN 371	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	32	3,505	56	11	4	3	2	3,15
◀	8	32	4,166	63	13	4,5	3,4	4	3,8
◀	10	24	4,826	70	13	6	4,9	4	4,3
◀	12	24	5,486	80	16	6	4,9	5	5
◀	1/4	20	6,350	80	16	7	5,5	5	5,75
◀	5/16	18	7,938	90	18	8	6,2	5	7,25
◀	3/8	16	9,525	100	20	10	8	5	8,75

CODICE - CODE			
P2SCUNC...	P2SCUNC...T	P2CCUNC...	P2CCUNC...T
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

DIN 376	Ød1 UNC	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	7/16	14	11,113	100	20	8	6,2	5	10,3
	1/2	13	12,700	110	25	9	7	5	11,8
	9/16	12	14,288	110	28	11	9	6	13,3
	5/8	11	15,875	110	28	12	9	6	14,8
	3/4	10	19,050	125	32	14	11	6	17,9

CODICE - CODE			
P2SCUNC...	P2SCUNC...T	P2CCUNC...	P2CCUNC...T
○	○	○	○
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

79

79

80

80

● Standard  
● Standard

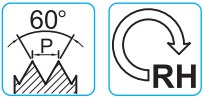
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

ANSI / ASME B1.2

LINE

Calibri a tampone filettati passa / non passa  
 Thread plug gauges go/no-go



Tolleranza - Tolerance

2B

Trattamento superficiale - Surface treatment

BR

Ød1 UNC	TPI	CODICE - CODE P-NPUNC...
5	40	o
6	32	o
8	32	o
10	24	o
12	24	o
1/4	20	o
5/16	18	o
3/8	16	o
7/16	14	o
1/2	13	o
9/16	12	o
5/8	11	o
3/4	10	o
7/8	9	o
1"	8	o
1"1/8	7	o
1"1/4	7	o
1"3/8	6	o
1"1/2	6	o
1"3/4	5	o
2"	4,5	o



Vi possiamo anche fornire gli anelli filettati e certificati.

We also supply certified thread ring gauges.

Confezione: Singola  
 Box: Single

€ Pagina listino - Price list page

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● Standard  
 ● Standard

o Disponibilità da richiedere, prezzo a listino  
 o Lead time on enquiry, standard price-list

★ Solo a richiesta  
 ★ Only on request



UNF



UNF

Costruiamo utensili per filettare dal 1947  
*We have been manufacturing threading tools since 1947*

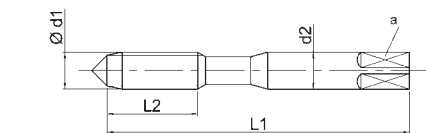
EXPERIENCE



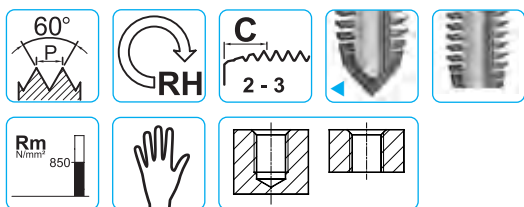
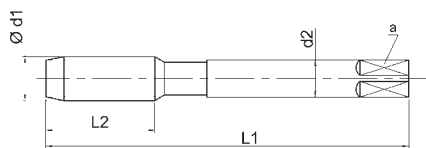
1955



DIN 2181



DIN 2181



LINE

LINE

LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

2xD

2xD

2xD

HSS

HSS

HSS

-

2B

2B

BR

BR

BR

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

2.1 2.2 2.3 3.1 3.4

2.1 2.2 2.3 3.1 3.4

2.1 2.2 2.3 3.1 3.4

4.1 4.2 4.3 4.4


4.1 4.2 4.3 4.4

4.1 4.2 4.3 4.4

5.1 5.2 5.3

5.1 5.2 5.3

5.1 5.2 5.3

DIN 2181	$\varnothing d1$ UNF	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	$a$ h12	Z	
◀	6	40	3,505	45	10	4	3	3	2,95
◀	8	36	4,166	45	11	4,5	3,4	3	3,5
◀	10	32	4,826	50	13	6	4,9	3	4,1
◀	12	28	5,486	56	15	6	4,9	3	4,6
◀	1/4	28	6,350	56	15	6	4,9	3	5,5
	5/16	24	7,938	63	19	6	4,9	3	6,9
	3/8	24	9,525	63	19	7	5,5	3	8,5
	7/16	20	11,113	70	22	8	6,2	3	9,9
	1/2	20	12,700	70	22	9	7	4	11,5
	9/16	18	14,288	70	22	11	9	4	12,9
	5/8	18	15,875	70	22	12	9	4	14,5
	3/4	16	19,050	80	22	14	11	4	17,5
	7/8	14	22,225	80	22	18	14,5	4	20,4
	1"	12	25,400	90	22	18	14,5	4	23,25
	1 1/8"	12	28,575	90	22	22	18	4	26,5
	1 1/4"	12	31,750	90	22	22	18	5	29,5
	1 3/8"	12	34,925	125	30	28	22	5	32,75
	1 1/2"	12	38,100	125	30	28	22	6	36

CODICE - CODE

01UNF...	03UNF...	00UNF...
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*	o	o

Confezione: Singola  
 Box: Single

€ Pagina listino - Price list page

81

81

81

● Standard

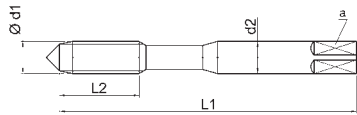
o Disponibilità da richiedere, prezzo a listino  
 o Lead time on enquiry, standard price-list

★ Solo a richiesta  
 ★ Only on request

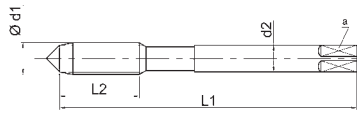


**N** **USO GENERALE**  
General purpose

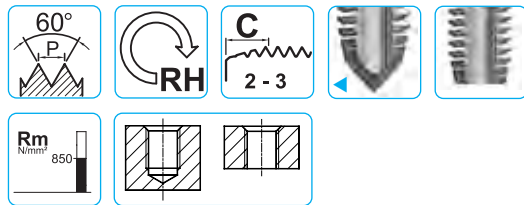
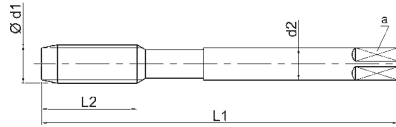
**DIN 371**



**DIN 374**



**DIN 374**



LINE



LINE



Profondità di filettatura - Thread depth

1,5xD

Materiale - Material

HSSE

Tolleranza - Tolerance

2B

Trattamento superficiale - Surface treatment

BR

TiN

Numero gruppi materiali  
Material's groups number

1.1 1.2 1.3 1.4 3.4

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

4.2 4.3 5.2 5.3

8.2

8.2

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	40	3,505	56	11	4	3	3	2,95
◀	8	36	4,166	63	13	4,5	3,4	3	3,5
◀	10	32	4,826	70	13	6	4,9	3	4,1
◀	12	28	5,486	80	16	6	4,9	3	4,6
◀	1/4	28	6,350	80	16	7	5,5	3	5,5

CODICE - CODE	
E20UNF...	E20UNF...T
•	○
•	○
•	○
○	○
•	○

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	28	6,350	80	16	4,5	3,4	3	5,5
◀	5/16	24	7,938	90	18	6	4,9	3	6,9
◀	3/8	24	9,525	90	15	7	5,5	3	8,5
	7/16	20	11,113	100	20	8	6,2	3	9,9
	1/2	20	12,700	100	20	9	7	3	11,5
	9/16	18	14,288	100	22	11	9	4	12,9
	5/8	18	15,875	100	22	12	9	4	14,5
	3/4	16	19,050	110	25	14	11	4	17,5
	7/8	14	22,225	125	25	18	14,5	4	20,4
	1"	12	25,400	140	28	18	14,5	4	23,25
	1"1/8	12	28,575	150	28	22	18	4	26,5
	1"1/4	12	31,750	150	28	22	18	5	29,5
	1"3/8	12	34,925	170	30	28	22	5	32,75
	1"1/2	12	38,100	170	30	28	22	6	36

CODICE - CODE	
E21UNF...	E21UNF...T
○	○
•	○
•	○
•	○
•	○
○	○
•	○
•	○
○	○
•	○
○	○
•	○
○	•
•	•
○	•
•	•

Confezione / Box:  
6 - 7/16: 10 pezzi / pcs  
1/2 - 9/16: 5 pezzi / pcs  
Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

82  
○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

# UNF

## Filettatura americana UNF passo fine ASME B1.1

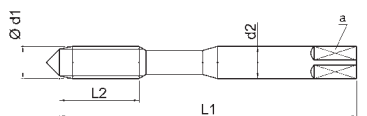
UNF fine thread ASME B1.1  
 Unified-Feingewinde UNF ASME B1.1 – Maschinengewindebohrer  
 Filetage américain à pas fin UNF – Tarauds machine  
 Rosca fina UNF ASME B1.1 – Machos de roscar a máquina



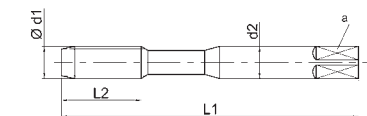
GG GHISA  
 Cast Iron

### MASCHI A MACCHINA MACHINE TAPS

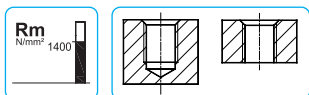
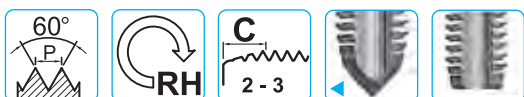
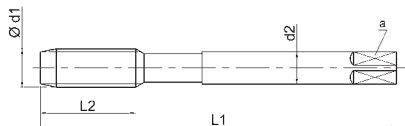
DIN 371



DIN 374



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Al Si > 10%,  
 Ottone / Brass  
 Bronzo / and Bronze  
 a truciolo corto / with short chip

Numero gruppi materiali  
 Material's groups number

3xD	3xD	3xD	3,5xD
HSSE	HSSE	PM3	PM3
2BX	2BX	2BX	2BX
NQ	NS	TiAIN	TiAIN
3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5
4.3 4.4 4.5 4.6 5.3	4.3 4.4 4.5 4.6 5.3	4.4 5.3 5.4	4.4 5.3 5.4
8.2 10.1	8.2 10.1	10.1	10.1

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Icon
6	40	3,505	56	11	4	3	3	2,95	Icon
8	36	4,166	63	13	4,5	3,4	3	3,5	Icon
10	32	4,826	70	13	6	4,9	3	4,1	Icon
12	28	5,486	80	16	6	4,9	3	4,6	Icon
1/4	28	6,350	80	16	7	5,5	3	5,5	Icon
1/4	28	6,350	80	16	7	5,5	4	5,5	Icon
1/4	28	6,350	80	16	7	5,5	4	5,5	Icon

CODICE - CODE			
E26UNF...NQ	E26UNF...NS	K26UNF...TX	
*	○	-	
*	○	-	
*	●	-	
*	○	-	
*	●	-	
-	-	*	
-	-	-	K26UNF...FOR-TX
-	-	-	*

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Icon
1/4	28	6,350	80	16	4,5	3,4	3	5,5	Icon
5/16	24	7,938	90	18	6	4,9	4	6,9	Icon
3/8	24	9,525	90	15	7	5,5	4	8,5	Icon
7/16	20	11,113	100	20	8	6,2	4	9,9	Icon
1/2	20	12,700	100	20	9	7	4	11,5	Icon
9/16	18	14,288	100	22	11	9	4	12,9	Icon
5/8	18	15,875	100	22	12	9	4	14,5	Icon
3/4	16	19,050	110	25	14	11	4	17,5	Icon
7/8	14	22,225	125	25	18	14,5	4	20,4	Icon
1"	12	25,400	140	28	18	14,5	4	23,25	Icon
3/4	16	19,050	110	25	14	11	5	17,5	Icon
7/8	14	22,225	125	25	18	14,5	6	20,4	Icon
1"	12	25,400	140	28	18	14,5	6	23,25	Icon

CODICE - CODE			
E27UNF...NQ	E27UNF...NS	K27UNF...TX	K27UNF...FOR-TX
*	*	*	*
*	●	*	*
*	●	*	*
*	●	*	*
*	○	*	*
*	○	*	*
*	○	-	-
*	○	-	-
*	○	-	-
-	-	*	*
-	-	*	*
-	-	*	*

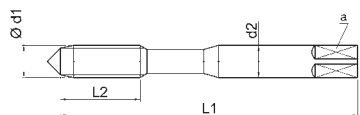
Confezione / Box: 6 - 7/16: 10 pezzi / pcs 1/2 - 9/16: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	82	82	82	83
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request	



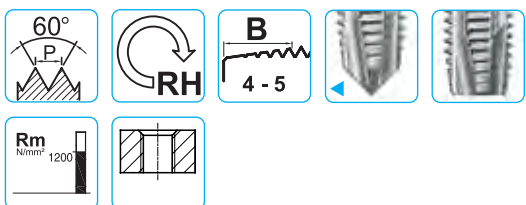
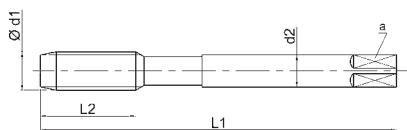
### MASCHI A MACCHINA MACHINE TAPS

### U APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm<sup>2</sup> Universal Applications R ≤ 1200 N/mm<sup>2</sup>

DIN 371



DIN 374



Profondità di filettatura - Thread depth	3xD
Materiale - Material	PM3
Tolleranza - Tolerance	2BX
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4

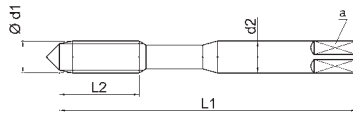
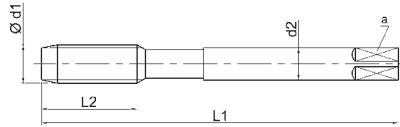
3xD	3xD	3xD
PM3	PM3	PM3
2BX	2BX	2BX
BR	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.1 4.2	2.1 2.2 2.3	2.1 2.2 2.3
5.1 5.2	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
4	48	2,845	56	10	3,5	2,7	3	2,4	
6	40	3,505	56	11	4	3	3	2,95	
8	36	4,166	63	13	4,5	3,4	3	3,5	
10	32	4,826	70	13	6	4,9	3	4,1	
1/4	28	6,350	80	16	7	5,5	3	5,5	

K24UNF...U	CODICE - CODE	
	K24UNF...XP	K24UNF...FORY-XP
*	*	-
*	*	-
*	*	-
*	*	-
*	o	*

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
5/16	24	7,938	90	18	6	4,9	3	6,9	
3/8	24	9,525	90	15	7	5,5	3	8,5	
7/16	20	11,113	100	20	8	6,2	3	9,9	
1/2	20	12,700	100	20	9	7	4	11,5	
9/16	18	14,288	100	22	11	9	4	12,9	
5/8	18	15,875	100	22	12	9	4	14,5	
3/4	16	19,050	110	25	14	11	4	17,5	
7/8	14	22,225	125	25	18	14,5	4	20,4	
1"	12	25,400	140	28	18	14,5	4	23,25	

K25UNF...U	CODICE - CODE	
	K25UNF...XP	K25UNF...FORY-XP
*	o	*
*	o	*
*	o	*
*	o	*
*	o	*
*	*	*
*	*	*
*	*	*

**INOX**
**ACCIAIO INOSSIDABILE**
*Stainless steel*
**MASCHI A MACCHINA MACHINE TAPS**
**DIN 371**

**DIN 374**

**TOP**


Profondità di filettatura - Thread depth

**3xD**

Materiale - Material

**HSSV3**

Tolleranza - Tolerance

**2BX**

Trattamento superficiale - Surface treatment

**TXC**

 Numero gruppi materiali  
 Material's groups number

**1.3 1.4 1.5**
**2.1 2.2 2.3 2.4**

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	40	3,505	56	11	4	3	3	2,95
◀	8	36	4,166	63	13	4,5	3,4	3	3,5
◀	10	32	4,826	70	13	6	4,9	3	4,1
◀	1/4	28	6,350	80	16	7	5,5	3	5,5

V24UNF...TXC		CODICE - CODE	
*			
*			
*			
o			

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	5/16	24	7,938	90	18	6	4,9	3	6,9
	3/8	24	9,525	90	15	7	5,5	3	8,5
	7/16	20	11,113	100	20	8	6,2	3	9,9
	1/2	20	12,700	100	20	9	7	4	11,5
	9/16	18	14,288	100	22	11	9	4	12,9
	5/8	18	15,875	100	22	12	9	4	14,5
	3/4	16	19,050	110	25	14	11	4	17,5
	7/8	14	22,225	125	25	18	14,5	4	20,4
	1"	12	25,400	140	28	18	14,5	4	23,25

V25UNF...TXC		CODICE - CODE	
o			
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o			
o			
*			
*			
*			

 Confezione / Box:  
 6 - 7/16: 10 pezzi / pcs  
 1/2 - 9/16: 5 pezzi / pcs  
 Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

**84**

- Standard
- Standard

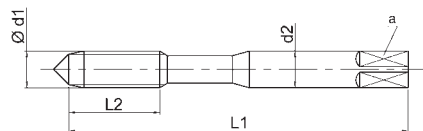
- o Disponibilità da richiedere, prezzo a listino
- o Lead time on enquiry, standard price-list

- \* Solo a richiesta
- \* Only on request

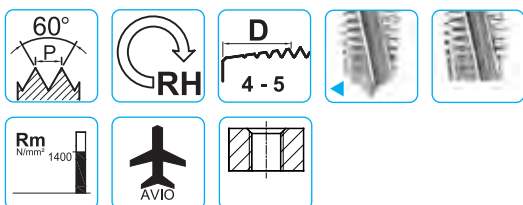
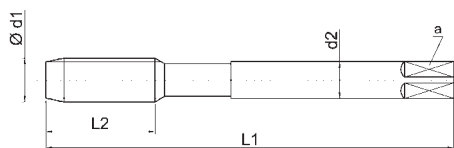
### MASCHI A MACCHINA MACHINE TAPS

Ti TITANIO  
 Titanium

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

3xD	3xD	3xD
PM3	PM3	PM3
2BX	2BX	3BX
V	TiCN	V
6.1	1.6 2.4	6.1
	3.3 3.4	
	4.4 5.3 5.4 6.2 6.3	
	7.2 9.2	

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Icon
◀	6	40	3,505	56	11	4	3	3	*2,95
◀	8	36	4,166	63	13	4,5	3,4	3	*3,5
◀	10	32	4,826	70	13	6	4,9	3	*4,1
◀	1/4	28	6,350	80	16	7	5,5	3	*5,5
◀	5/16	24	7,938	90	18	8	6,2	3	*6,9
◀	3/8	24	9,525	100	20	10	8	3	*8,5

K52UNF...V	CODICE - CODE	
	K52UNF...CT	K52UNF...V-3BX
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Icon
	7/16	20	11,113	100	20	8	6,2	3	*9,9
	1/2	20	12,700	100	20	9	7	3	*11,5
	5/8	18	15,875	100	22	12	9	3	*14,5
	3/4	16	19,050	110	25	14	11	4	*17,5

K53UNF...V	CODICE - CODE	
	K53UNF...CT	K53UNC...V-3BX
*	*	*
*	*	*
*	*	*
*	*	*

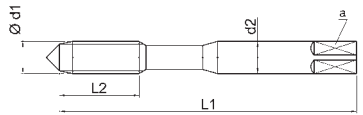
\* Per UNJF vedi tabella di foratura pag. 255  
 \* Drills' diameters for UNJF: table page 255



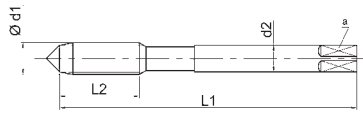
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

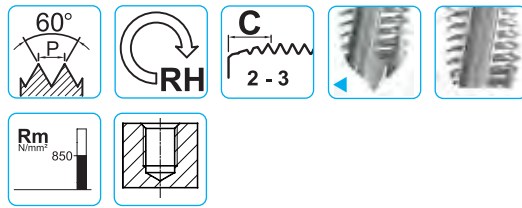
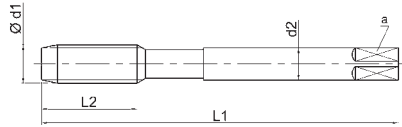
DIN 371



DIN 374



DIN 374



LINE



R15°

LINE



R15°

LINE



R15°

LINE



New

R15°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD	1,5xD	1,5xD	1,5xD
HSSE	HSSE	HSSE	HSSE
2B	2B	2B	2B
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	40	3,505	56	11	4	3	3	2,95
◀	8	36	4,166	63	13	4,5	3,4	3	3,5
◀	10	32	4,826	70	13	6	4,9	3	4,1
◀	12	28	5,486	80	16	6	4,9	3	4,6
◀	1/4	28	6,350	80	16	7	5,5	3	5,5

CODICE - CODE			
E40UNF...	E40UNF...V	E40UNF...T	E40UNF...XP
●	○	○	*
●	○	○	*
●	○	○	*
○	○	○	*
●	○	○	*

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	28	6,350	80	16	4,5	3,4	3	5,5
◀	5/16	24	7,938	90	18	6	4,9	3	6,9
◀	3/8	24	9,525	90	15	7	5,5	3	8,5
	7/16	20	11,113	100	20	8	6,2	3	9,9
	1/2	20	12,700	100	20	9	7	3	11,5
	9/16	18	14,288	100	22	11	9	3	12,9
	5/8	18	15,875	100	22	12	9	3	14,5
	3/4	16	19,050	110	25	14	11	4	17,5
	7/8	14	22,225	125	25	18	14,5	4	20,4
	1"	12	25,400	140	28	18	14,5	4	23,25
	1"1/8	12	28,575	150	28	22	18	4	26,5
	1"1/4	12	31,750	150	28	22	18	5	29,5
	1"3/8	12	34,925	170	30	28	22	5	32,75
	1"1/2	12	38,100	170	30	28	22	6	36

CODICE - CODE			
E41UNF...	E41UNF...V	E41UNF...T	E41UNF...XP
○	○	○	*
●	○	○	*
●	○	○	*
●	○	○	*
●	○	○	*
○	○	○	*
●	○	○	*
●	○	○	*
○	○	○	*
○	○	○	*
○	*	*	*
●	*	*	*
○	*	*	*
●	*	*	*

Confezione / Box: 6 - 7/16: 10 pezzi / pcs 1/2 - 9/16: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	85	85	85	85
● Standard	○ Disponibilità da richiedere, prezzo a listino			★ Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			★ Only on request	

# UNF

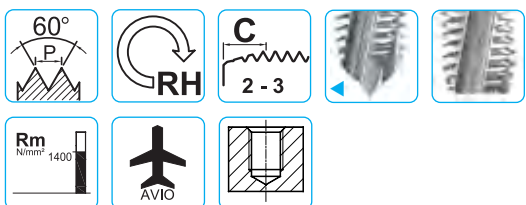
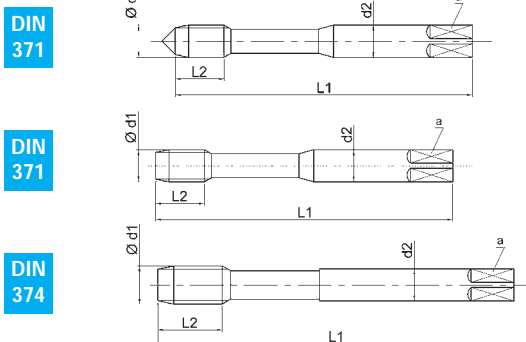
## Filettatura americana UNF passo fine ASME B1.1

UNF fine thread ASME B1.1  
 Unified-Feingewinde UNF ASME B1.1 – Maschinengewindebohrer  
 Filetage américain à pas fin UNF – Tarauds machine  
 Rosca fina UNF ASME B1.1 – Machos de roscar a máquina



### MASCHI A MACCHINA MACHINE TAPS

Ti TITANIO  
 Titanium



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

1,5xD	1,5xD	1,5xD
PM3	PM3	PM3
2BX	2BX	3BX
V	TiCN	V
6.1	1.6 2.4	6.1
	3.3 3.4	
	4.4 5.3 5.4 6.2 6.3	
	7.2 9.2	

DIN 371	Ød1 UNF	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	Icon
◀	6	40	3,505	56	7	4	3	3	*2,95
◀	8	36	4,166	63	7	4,5	3,4	3	*3,5
◀	10	32	4,826	70	8	6	4,9	3	*4,1
◀	1/4	28	6,350	80	10	7	5,5	3	*5,5
	5/16	24	7,938	90	13	8	6,2	3	*6,9
	3/8	24	9,525	100	15	10	8	3	*8,5

K42UNF...V	CODICE - CODE	
	K42UNF...CT	K42UNF...V-3BX
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*
○	○	*

DIN 374	Ød1 UNF	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	Icon
	7/16	20	11,113	100	15	8	6,2	3	*9,9
	1/2	20	12,700	100	13	9	7	4	*11,5
	5/8	18	15,875	100	15	12	9	4	*14,5
	3/4	16	19,050	110	17	14	11	4	*17,5

K43UNF...V	CODICE - CODE	
	K43UNF...CT	K43UNF...V-3BX
*	*	*
*	*	*
*	*	*
*	*	*

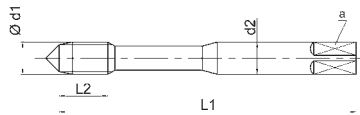
\* Per UNF vedi tabella di foratura pag. 255  
 \* Drills' diameters for UNF: table page 255

Confezione / Box: 6 – 7/16: 10 pezzi / pcs 1/2 – 9/16: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	86	86	86
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta ★ Only on request	

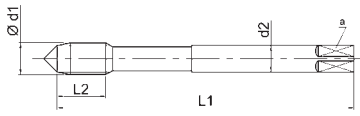
**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

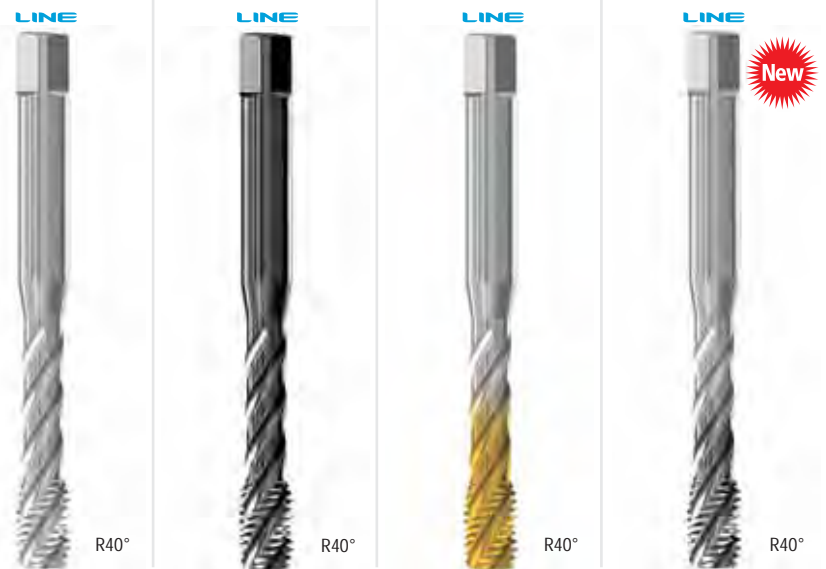
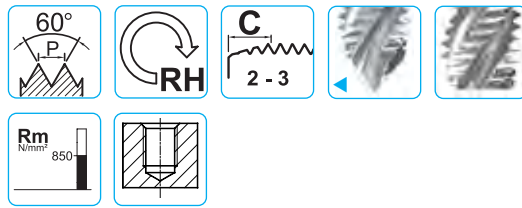
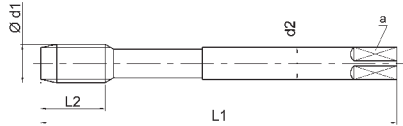
DIN 371



DIN 374



DIN 374



Profondità di filettatura - Thread depth	1,5xD	1,5xD	1,5xD	1,5xD
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	2B	2B	2B	2B
Trattamento superficiale - Surface treatment	BR	V	TiN	XP
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
	5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	40	3,505	56	7	4	3	3	2,95
◀	8	36	4,166	63	7	4,5	3,4	3	3,5
◀	10	32	4,826	70	8	6	4,9	3	4,1
◀	12	28	5,486	80	10	6	4,9	3	4,6
◀	1/4	28	6,350	80	10	7	5,5	3	5,5

CODICE - CODE			
E60UNF...	E60UNF...V	E60UNF...T	E60UNF...XP
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	28	6,350	80	10	4,5	3,4	3	5,5
	5/16	24	7,938	90	13	6	4,9	3	6,9
	3/8	24	9,525	90	15	7	5,5	3	8,5
	7/16	20	11,113	100	15	8	6,2	3	9,9
	1/2	20	12,700	100	13	9	7	3	11,5
	9/16	18	14,288	100	15	11	9	4	12,9
	5/8	18	15,875	100	15	12	9	4	14,5
	3/4	16	19,050	110	17	14	11	4	17,5
	7/8	14	22,225	125	18	18	14,5	4	20,4
	1"	12	25,400	140	22	18	14,5	4	23,25
	1"1/8	12	28,575	150	22	22	18	4	26,5
	1"1/4	12	31,750	150	22	22	18	5	29,5
	1"3/8	12	34,925	170	24	28	22	5	32,75
	1"1/2	12	38,100	170	24	28	22	6	36

CODICE - CODE			
E61UNF...	E61UNF...V	E61UNF...T	E61UNF...XP
○	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	○
●	○	○	○
○	○	○	○
○	○	○	○
●	○	○	○
○	*	*	*
●	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box: 6 - 7/16: 10 pezzi / pcs 1/2 - 9/16: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	86	86	86	87
● Standard	○ Disponibilità da richiedere, prezzo a listino			* Solo a richiesta	
● Standard	○ Lead time on enquiry, standard price-list			* Only on request	

# UNF

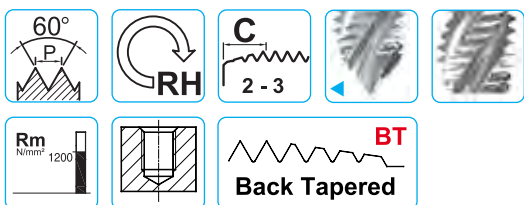
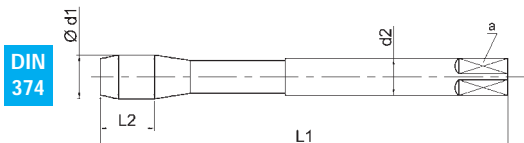
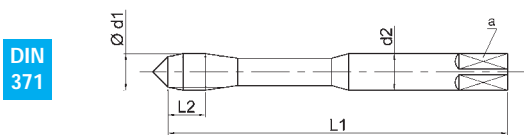
## Filettatura americana UNF passo fine ASME B1.1

UNF fine thread ASME B1.1  
 Unified-Feingewinde UNF ASME B1.1 – Maschinengewindebohrer  
 Filetage américain à pas fin UNF – Tarauds machine  
 Rosca fina UNF ASME B1.1 – Machos de roscar a máquina



### MASCHI A MACCHINA MACHINE TAPS

### U APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm<sup>2</sup> Universal Applications R ≤ 1200 N/mm<sup>2</sup>



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

3xD	3xD	3,5xD	3,5xD
PM3	PM3	PM3	PM3
2BX	2BX	2BX	2BX
BR	XP	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.2 5.2	2.1 2.2 2.3	2.1 2.2 2.3	2.1 2.2 2.3
	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2	5.2

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
4	48	2,845	56	5	3,5	2,7	3	2,4	
6	40	3,505	56	7	4	3	3	2,95	
8	36	4,166	63	7	4,5	3,4	3	3,5	
10	32	4,826	70	8	6	4,9	3	4,1	
1/4	28	6,350	80	10	7	5,5	3	5,5	

K82UNF...U	CODICE - CODE		
	K82UNF...XP	K82UNF...FOR-XP	K82UNF...FORY-XP
*	*	-	-
*	*	-	-
*	*	-	-
*	*	-	-
*	o	*	*

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
5/16	24	7,938	90	13	6	4,9	3	6,9	
3/8	24	9,525	90	15	7	5,5	3	8,5	
7/16	20	11,113	100	15	8	6,2	3	9,9	
1/2	20	12,700	100	13	9	7	4	11,5	
9/16	18	14,288	100	15	11	9	4	12,9	
5/8	18	15,875	100	15	12	9	4	14,5	
3/4	16	19,050	110	17	14	11	4	17,5	
7/8	14	22,225	125	18	18	14,5	4	20,4	
1"	12	25,400	140	22	18	14,5	4	23,25	

K83UNF...U	CODICE - CODE		
	K83UNF...XP	K83UNF...FOR-XP	K83UNF...FORY-XP
*	o	*	*
*	o	*	*
*	o	*	*
*	o	*	*
*	o	*	*
*	o	*	*
*	o	*	*
*	o	*	*

Confezione / Box: 6 – 7/16: 10 pezzi / pcs 1/2 – 9/16: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	87	87	87	87
● Standard ● Standard	o Disponibilità da richiedere, prezzo a listino o Lead time on enquiry, standard price-list			* Solo a richiesta * Only on request	

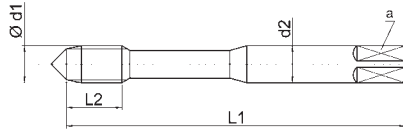
**INOX**

**ACCIAIO INOSSIDABILE**

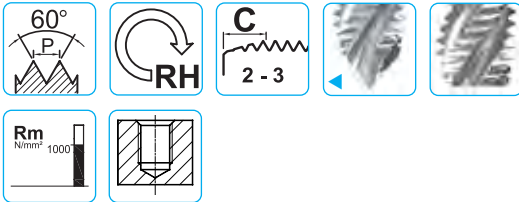
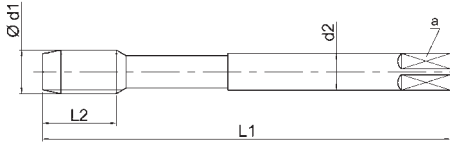
Stainless steel

**MASCHI A MACCHINA MACHINE TAPS**

**DIN 371**



**DIN 374**



Profondità di filettatura - Thread depth	<b>3,5xD</b>
Materiale - Material	<b>HSSV3</b>
Tolleranza - Tolerance	<b>2BX</b>
Trattamento superficiale - Surface treatment	<b>TXC</b>
Numero gruppi materiali Material's groups number	<b>1.3 1.4 1.5</b>
	<b>2.1 2.2 2.3 2.4</b>

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	40	3,505	56	7	4	3	3	2,95
◀	8	36	4,166	63	7	4,5	3,4	3	3,5
◀	10	32	4,826	70	8	6	4,9	3	4,1
◀	1/4	28	6,350	80	10	7	5,5	3	5,5

CODICE - CODE	
V82UNF...TXC	
*	
*	
*	
○	

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	5/16	24	7,938	90	13	6	4,9	3	6,9
	3/8	24	9,525	90	15	7	5,5	3	8,5
	7/16	20	11,113	100	15	8	6,2	3	9,9
	1/2	20	12,700	100	13	9	7	4	11,5
	9/16	18	14,288	100	15	11	9	4	12,9
	5/8	18	15,875	100	15	12	9	4	14,5
	3/4	16	19,050	110	17	14	11	4	17,5
	7/8	14	22,225	125	18	18	14,5	4	20,4
	1"	12	25,400	140	22	18	14,5	4	23,25

CODICE - CODE	
V83UNF...TXC	
○	
○	
○	
○	
○	
○	
*	
*	
*	

# UNF

## Filettatura americana UNF passo fine ASME B1.1

UNF fine thread ASME B1.1  
 Unified-Feingewinde UNF ASME B1.1 – Maschinengewindebohrer  
 Filetage américain à pas fin UNF – Tarauds machine  
 Rosca fina UNF ASME B1.1 – Machos de roscar a máquina



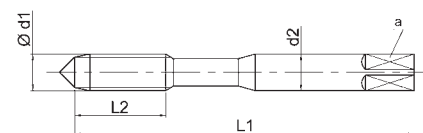
P - SERIES

MASCHI A RULLARE

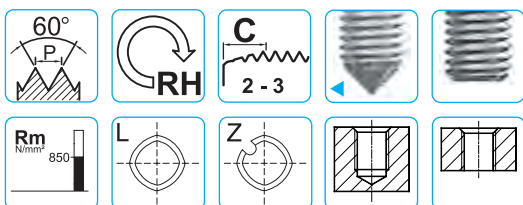
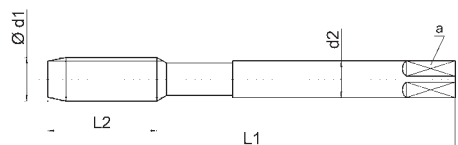
Roll form taps

MASCHI A MACCHINA MACHINE TAPS

DIN 371



DIN 374



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number



3xD	3xD	3xD	3xD
HSSP	HSSP	HSSP	HSSP
2BX	2BX	2BX	2BX
BR	TiN	BR	TiN
1.1 1.2 1.3	1.1 1.2 1.3 1.4	1.1 1.2 1.3	1.1 1.2 1.3 1.4
4.1 4.2	2.1 2.2 2.3	4.1 4.2	2.1 2.2 2.3
	4.1 4.2 4.3		4.1 4.2 4.3
	5.1 5.2		5.1 5.2

DIN 371	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	6	40	3,505	56	11	4	3	2	3,2
◀	8	36	4,166	63	13	4,5	3,4	4	3,85
◀	10	32	4,826	70	13	6	4,9	4	4,45
◀	1/4	28	6,350	80	16	7	5,5	5	5,9
◀	5/16	24	7,938	90	18	8	6,2	5	7,45
◀	3/8	24	9,525	90	15	10	8	5	9

CODICE - CODE			
P2SCUNF...	P2SCUNF...T	P2CCUNF...	P2CCUNF...T
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

DIN 374	Ød1 UNF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	7/16	20	11,113	100	20	8	6,2	5	10,5
	1/2	20	12,700	100	20	9	7	6	12,1
	9/16	18	14,288	100	22	11	9	6	13,7
	3/4	16	19,050	110	25	14	11	6	18,4
	1"	12	25,400	140	28	18	14,5	8	24,45

CODICE - CODE			
P2SCUNF...	P2SCUNF...T	P2CCUNF...	P2CCUNF...T
○	○	○	○
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box:  
 M3 – M10: 10 pezzi / pcs  
 M12 – M16: 5 pezzi / pcs

€ Pagina listino - Price list page

88

88

88

88

● Standard

○ Disponibilità da richiedere, prezzo a listino  
 ○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
 ★ Only on request



**ANSI / ASME B1.2**

LINE

**Calibri a tampone filettati passa / non passa**

Thread plug gauges go/no-go



Tolleranza - Tolerance

2B

Trattamento superficiale - Surface treatment

BR

Ød1 UNF	TPI	CODICE - CODE P-NPUNF...
6	40	○
8	36	○
10	32	○
12	28	○
1/4	28	○
5/16	24	○
3/8	24	○
7/16	20	○
1/2	20	○
9/16	18	○
5/8	18	○
3/4	16	○
7/8	14	○
1"	12	○
1"1/8	12	○
1"1/4	12	○
1"3/8	12	○
1"1/2	12	○

# FILETTATURA AMERICANA UN

## AMERICAN UNIFIED THREAD UN

UNF

Ø	PASSO - PITCH																						
	8	9	10	11	12	13	14	16	18	20	24	27	28	32	36	40	44	48	56	60	64	72	80
0																							UNF
1																					UNC	UNF	
2																			UNC		UNF		
3																		UNC	UNF				
4																UNC		UNF					
5																UNC	UNF						
6														UNC		UNF							
9/64																							
8														UNC	UNF								
11/64																							
10											UNC			UNF		UNS		UNS	UNS				
12											UNC		UNF	UNEF	UNS								
15/64																							
1/4									UNC	UNS			UNF	UNEF	UNS	UNS			UNS				
9/32																							
5/16									UNC			UNF		UNEF		UNS							
3/8								UNC	UNS	UN20	UNF	UNS	UN28	UNEF		UNS							
7/16							UNC				UNF	UNS	UNS	UNEF	UN32								
1/2						UNC					UNF	UNS	UNS	UNEF	UN32								
9/16					UNC						UNF		UNEF										
5/8				UNC						UN16	UNF	UN20	UNEF	UNS	UN28								
11/16										UN16	UNS		UNEF										
3/4			UNC							UNF	UNS	UNEF		UNS	UN28								
13/16										UN16		UNEF											
7/8		UNC			UN12					UNF	UN16	UNS	UNEF	UNS									
15/16										UN16	UNS												
1	UNC				UNF			UNS	UN16	UNS	UNEF	UNS			UN32								
1-1/16					UN12				UN16	UNEF	UN20												
1-1/8	UN8				UNF				UN16	UNEF	UN20												
1-3/16	UN8				UN12				UN16	UNEF													
1-1/4	UN8				UNF			UNS	UN16	UNEF	UN20												
1-5/16					UN12				UNS	UN16													
1-3/8	UN8				UNF					UNEF	UN20												
1-7/16					UN12					UNEF													
1-1/2	UN8				UNF				UN16	UNEF													
1-9/16																							
1-5/8	UN8				UN12																		
1-11/16																							
1-3/4	UN8				UN12																		
1-13/16																							
1-7/8	UN8				UN12						UN20												
1-15/16																							
2	UN8				UN12					UN16													
2-1/8																							
2-1/4	UN8																						
2-3/8																							
2-1/2	UN8				UN12																		
2-3/4																							
2-7/8	UN8																						
3	UN8																						

UNEF-UNS-UN...



UNEF UNS UN...

Costante innovazione: R&D in UFS Technology  
*Steady innovation: R&D in UFS Technology*

R&D

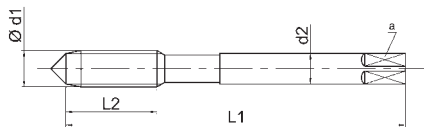




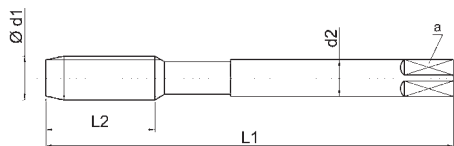
**N** USO GENERALE  
 General purpose

MASCHI A MACCHINA MACHINE TAPS

UFS norm



UFS norm



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

3xD	3xD
HSSE	HSSE
2B	2B
BR	TiN
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	3.3 3.4
5.1 5.2	4.1 4.2 4.3
	5.1 5.2

UFS norm	Ød1 UNEF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/4	32	6,350	80	16	4,5	3,4	3	5,55
◀	5/16	32	7,938	90	18	6	4,9	3	7,15
◀	3/8	32	9,525	90	15	7	5,5	3	8,7
	7/16	28	11,113	100	20	8	6,2	3	10,2
	1/2	28	12,700	100	20	9	7	3	11,8
	9/16	24	14,288	100	22	11	9	4	13,2
	5/8	24	15,875	100	22	12	9	4	14,8
	11/16	24	17,462	110	25	14	11	4	16,4
	3/4	20	19,050	110	25	14	11	4	17,8
	13/16	20	20,638	125	25	18	14,5	4	19,4
	7/8	20	22,225	125	25	18	14,5	4	20,95
	1"	20	25,400	140	28	18	14,5	4	24,15
	1"1/16	18	26,988	140	25	20	16	4	25,6
	1"1/8	18	28,575	150	28	22	18	4	27,15
	1"3/16	18	30,163	150	28	22	18	4	28,75
	1"1/4	18	31,750	150	28	22	18	5	30,3
	1"3/8	18	34,925	170	30	28	22	5	33,5
	1"7/16	18	36,513	170	30	28	22	6	35,1
	1"1/2	18	38,100	170	30	28	22	6	36,7

CODICE - CODE		E25UNEF...T	
E25UNEF...		*	
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○		*	
○		*	

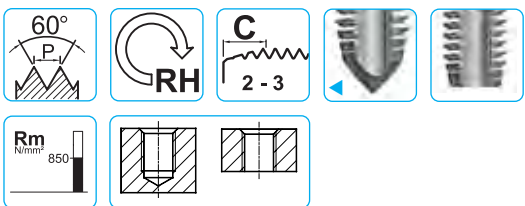
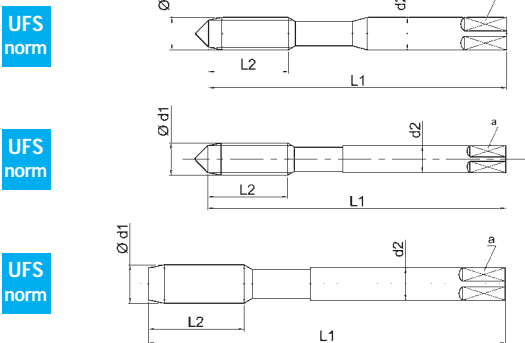
UNEF





N USO GENERALE  
 General purpose

MASCHI A MACCHINA MACHINE TAPS



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

1,5xD	1,5xD
HSSE	HSSE
2B	2B
BR	TiN
1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4
4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3
8.2	8.2

UFS norm	Ød1 UNS	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	
◀	10	40	4,826	70	13	6	4,9	3	4,2
◀	10	48	4,826	70	13	6	4,9	3	4,3
◀	12	36	5,486	80	16	6	4,9	3	4,8
◀	1/4	24	6,350	80	16	7	5,5	3	5,3
◀	1/4	36	6,350	80	16	7	5,5	3	5,6
◀	1/4	40	6,350	80	16	7	5,5	3	5,7

CODICE - CODE	
E20...UNS...	E20...UNS...T
○	★
○	★
○	★
○	★
○	★
★	★

UFS norm	Ød1 UNS	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	
◀	5/16	40	7,938	90	18	6	4,9	3	7,3
◀	3/8	18	9,525	100	15	7	5,5	3	8,1
◀	3/8	27	9,525	100	15	7	5,5	3	8,6
◀	3/8	40	9,525	100	15	7	5,5	3	8,9
	7/16	24	11,113	100	20	8	6,2	3	10,05
	7/16	27	11,113	100	20	8	6,2	3	10,2
	1/2	24	12,700	100	20	9	7	3	11,6
	1/2	27	12,700	100	20	9	7	3	11,75
	5/8	27	15,875	100	22	12	9	4	14,9
	11/16	18	17,462	110	25	14	11	4	16,05
	3/4	18	19,050	110	25	14	11	4	17,6
	7/8	18	22,225	125	25	18	14,5	4	20,8
	7/8	24	22,225	125	25	18	14,5	4	21,2
	15/16	18	23,813	140	25	18	14,5	4	22,4
	1"	14	25,400	140	28	18	14,5	4	23,6
	1"	18	25,400	140	28	18	14,5	4	24
	1"	24	25,400	140	28	18	14,5	4	24,3
	1"1/4	14	31,750	150	28	22	18	5	29,9
	1"5/16	14	33,338	170	30	28	22	5	31,5

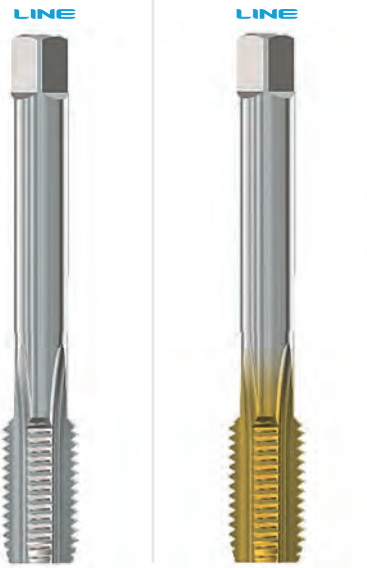
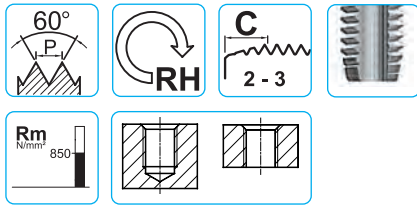
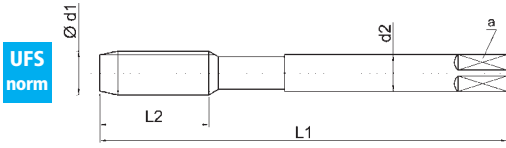
CODICE - CODE	
E21...UNS...	E21...UNS...T
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★
○	★

Confezione: Singola Box: Single

€ Pagina listino - Price list page

● Standard	○ Disponibilità da richiedere, prezzo a listino	★ Solo a richiesta
● Standard	○ Lead time on enquiry, standard price-list	★ Only on request

MASCHI A MACCHINA MACHINE TAPS



Profondità di filettatura - Thread depth	1,5xD
Materiale - Material	HSSE
Tolleranza - Tolerance	2B
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali Material's groups number	TiN

1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4
4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3
8.2	8.2

UFS norm	Ød1	P	Ø	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
8-UN	TPI	mm	mm	mm	mm	h9	h12		
1"1/8	8	28,575	180	46	22	18	4	25,4	
1"1/4	8	31,750	180	46	22	18	4	28,6	
1"3/8	8	34,925	200	50	28	22	4	31,75	
1"1/2	8	38,100	200	50	28	22	4	34,9	
1"5/8	8	41,275	200	55	32	24	5	38,1	
1"3/4	8	44,450	220	60	36	29	5	41,3	
1"7/8	8	47,625	250	65	36	29	6	44,45	
2"	8	50,800	250	65	40	32	6	47,6	

CODICE - CODE	
E21-8UN...	E21-8UN...T
○	*
○	*
○	*
○	*
○	*
○	*
○	*
○	*

UFS norm	Ød1	P	Ø	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
12-UN	TPI	mm	mm	mm	mm	h9	h12		
7/8	12	22,225	125	25	18	14,5	4	20,1	
1"1/16	12	26,988	140	25	20	16	4	24,9	
1"3/16	12	30,163	150	28	22	18	4	28	
1"5/16	12	33,338	170	30	28	22	5	31,2	
1"7/16	12	36,513	170	30	28	22	6	34,4	
1"5/8	12	41,275	170	30	32	24	6	39,2	
1"3/4	12	44,450	180	32	36	29	6	42,3	
2"	12	50,8	190	32	40	32	6	48,7	

CODICE - CODE	
E21-12UN...	E21-12UN...T
○	*
○	*
○	*
○	*
○	*
○	*
○	*
○	*

UFS norm	Ød1	P	Ø	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub>	a	Z	
16-UN	TPI	mm	mm	mm	mm	h9	h12		
1"	16	25,400	140	28	18	14,5	4	23,8	
1"1/8	16	28,575	150	28	22	18	4	27	
1"1/4	16	31,750	150	28	22	18	5	30,15	
1"1/2	16	38,100	170	30	28	22	6	36,5	
2"	16	50,8	190	32	40	32	6	49,2	

CODICE - CODE	
E21-16UN...	E21-16UN...T
○	*
○	*
○	*
○	*
○	*

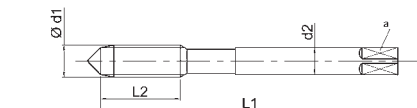
■ = Acciaio HSS / HSS Steel

Confezione: Singola Box: Single	€ Pagina listino - Price list page	91	91
	● Standard	○ Disponibilità da richiedere, prezzo a listino	★ Solo a richiesta
	● Standard	○ Lead time on enquiry, standard price-list	★ Only on request

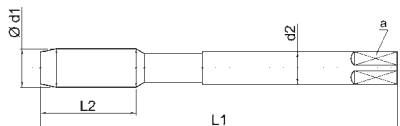
**N** USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

UFS norm



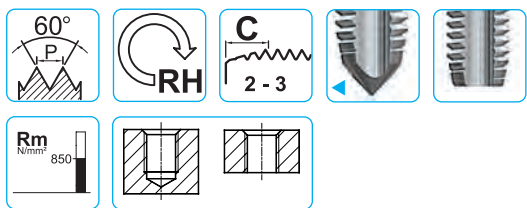
UFS norm



LINE



LINE



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

1,5xD	1,5xD
HSSE	HSSE
2B	2B
BR	TiN
1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4
4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3
8.2	8.2

UFS norm	Ød1	P	Ø	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	20-UN	TPI	mm						
◀	3/8	20	9,525	90	15	7	5,5	3	8,3
	5/8	20	15,875	100	22	12	9	4	14,6
	1" 1/16	20	26,988	140	25	20	16	4	25,7
	1" 1/8	20	28,575	150	28	22	18	4	27,3
	1" 1/4	20	31,750	150	28	22	18	5	30,5
	1" 3/8	20	34,925	170	30	28	22	5	33,7

CODICE - CODE	
E21-20UN...	E21-20UN...T
○	*
○	*
○	*
○	*
○	*
○	*

UFS norm	Ød1	P	Ø	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	28-UN	TPI	mm						
◀	3/8	28	9,525	90	15	7	5,5	3	8,6
	5/8	28	15,875	100	22	12	9	4	15

CODICE - CODE	
E21-28UN...	E21-28UN...T
○	*
○	*

UFS norm	Ød1	P	Ø	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	32-UN	TPI	mm						
	7/16	32	11,113	100	20	8	6,2	3	10,3
	1/2	32	12,700	100	20	9	7	3	11,9

CODICE - CODE	
E21-32UN...	E21-32UN...T
○	*
○	*

Confezione: Singola Box: Single € Pagina listino - Price list page 91 91  
 ● Disponibile a stock ○ Disponibilità da richiedere, prezzo a listino \* Solo a richiesta  
 ● Available in stock ○ Lead time on enquiry, standard price-list \* Only on request



# GAS-Rp-NPSM-NPSF



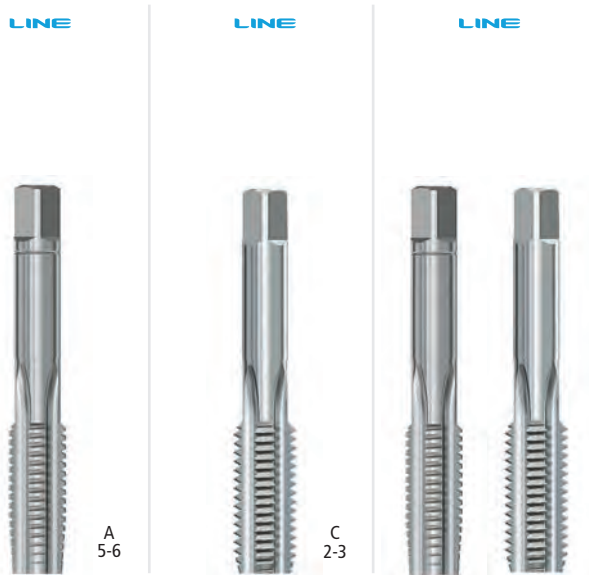
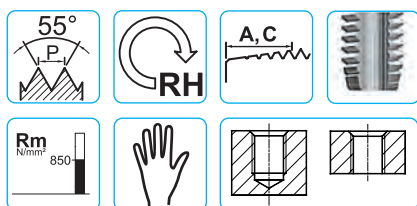
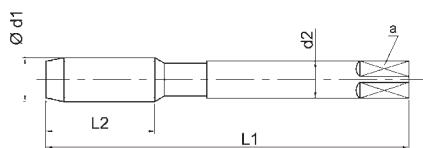
GAS Rp NPSM NPSF

Il prodotto: preciso, affidabile, curato e tutto by UFS  
*The product: precise, reliable, accurate, all made by UFS*

**PRECISION**



**MASCHI A MANO HAND TAPS**
**N**
**USO GENERALE**  
 General purpose

**DIN 5157**


Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

 Numero gruppi materiali  
 Material's groups number

2xD	2xD	2xD
HSS	HSS	HSS
-	ISO 228	ISO 228
BR	BR	BR
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4
4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4
5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3

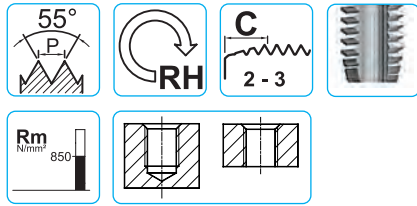
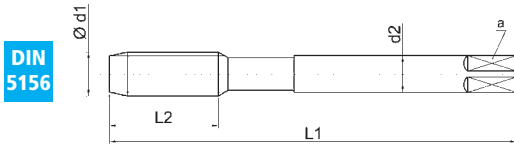
DIN 5157	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
1/8	28	9,73	63	18	7	5,5	3	8,8	
1/4	19	13,16	70	20	11	9	4	11,8	
3/8	19	16,66	70	20	12	9	4	15,25	
1/2	14	20,96	80	22	16	12	4	19	
5/8	14	22,91	80	22	18	14,5	4	21	
3/4	14	26,44	90	22	20	16	4	24,5	
7/8	14	30,20	90	22	22	18	4	28,25	
1"	11	33,25	100	25	25	20	5	30,75	
1 1/8"	11	37,90	125	32	28	22	6	35,5	
1 1/4"	11	41,91	125	32	32	24	6	39,5	
1 1/2"	11	47,8	140	32	36	29	6	45,25	
1 3/4"	11	53,75	140	32	40	32	6	51,10	
2"	11	59,61	160	36	45	35	6	57,2	
2 1/4"	11	65,71	160	40	50	39	6	63,10	
2 1/2"	11	75,18	160	40	50	39	8	72,6	
2 3/4"	11	81,53	160	40	50	39	8	79,1	
3"	11	87,88	160	40	50	39	8	85,3	

CODICE - CODE		
01G...	03G...	00G...
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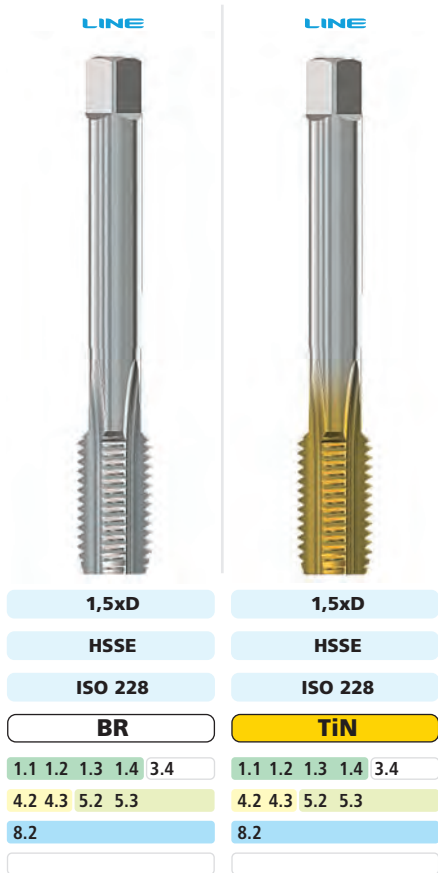


**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS



Profondità di filettatura - Thread depth  
Materiale - Material  
Tolleranza - Tolerance  
Trattamento superficiale - Surface treatment  
Numero gruppi materiali  
Material's groups number



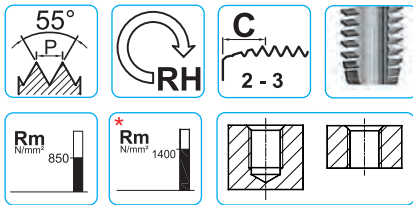
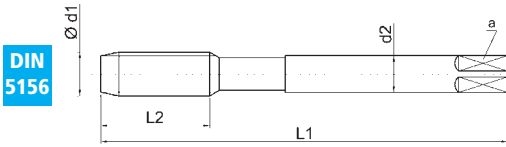
1,5xD	1,5xD
HSSE	HSSE
ISO 228	ISO 228
BR	TiN
1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4
4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3
8.2	8.2

DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	1/8	28	9,73	90	15	7	5,5	3	8,8
	1/4	19	13,16	100	22	11	9	3	11,8
	3/8	19	16,66	100	22	12	9	3	15,25
	1/2	14	20,96	125	25	16	12	4	19
	5/8	14	22,91	125	25	18	14,5	4	21
	3/4	14	26,44	140	25	20	16	4	24,5
	7/8	14	30,20	150	28	22	18	4	28,25
	1"	11	33,25	160	30	25	20	5	30,75
	1"1/8	11	37,90	170	30	28	22	6	35,5
	1"1/4	11	41,91	170	30	32	24	6	39,5
■	1"1/2	11	47,8	190	32	36	29	6	45,25
■	1"3/4	11	53,75	190	32	40	32	6	51,1
■	2"	11	59,61	220	40	45	35	6	57,2
■	2"1/2	11	75,18	250	50	45	35	8	72,6

CODICE - CODE	
E21G...	E21G...T
●	○
●	○
●	○
●	○
○	○
●	○
○	★
●	★
●	★
●	★
●	★
●	★
○	★

■ = Acciaio HSS / HSS Steel

Confezione / Box: 1/8 G: 10 pezzi / pcs, 1/4 G - 3/8: 5 pezzi / pcs  
 € Pagina listino - Price list page 93 93  
 ● Standard ○ Disponibilità da richiedere, prezzo a listino ★ Solo a richiesta  
 ● Standard ○ Lead time on enquiry, standard price-list ★ Only on request



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Al Si>10%,  
Ottone / Brass  
Bronzo / and Bronze  
a truciolo corto / with short chip

Numero gruppi materiali  
Material's groups number



LINE	LINE	TOP	TOP
3xD	3xD	3xD	3,5xD
HSSE	HSSE	PM3	PM3
ISO 228X	ISO 228X	ISO 228X	ISO 228X
<b>NQ</b>	<b>NS</b>	<b>TiAlN</b>	<b>TiAlN</b>
3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5	3.1 3.2 3.3 3.4 3.5
4.3 4.4 4.5 4.6 5.3	4.3 4.4 4.5 4.6 5.3	4.4 5.3 5.4	4.4 5.3 5.4
8.2 10.1	8.2 10.1	10.1	10.1

DIN 5156	$\varnothing d1$ GAS	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	$a$ h12	Z	
	1/8	28	9,73	90	15	7	5,5	4	8,8
	1/4	19	13,16	100	22	11	9	4	11,8
	3/8	19	16,66	100	22	12	9	4	15,25
	1/2	14	20,96	125	25	16	12	4	19
	5/8	14	22,91	125	25	18	14,5	4	21
	3/4	14	26,44	140	25	20	16	4	24,5
	7/8	14	30,20	150	28	22	18	4	28,25
	1"	11	33,25	160	30	25	20	5	30,75
	1 1/8"	11	37,90	170	30	28	22	6	35,5
	1 1/4"	11	41,91	170	30	32	24	6	39,5
	1 1/2"	11	47,8	190	32	36	29	6	45,25
	1/8	28	9,73	90	15	7	5,5	4	8,8
	1/4	19	13,16	100	22	11	9	4	11,8
	3/8	19	16,66	100	22	12	9	4	15,25
	1/2	14	20,96	125	25	16	12	6	19
	3/4	14	26,44	140	25	20	16	6	24,5

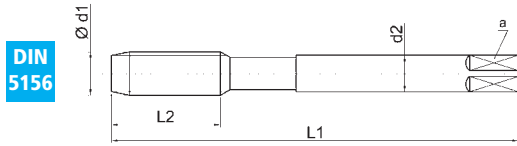
■ = Acciaio HSS / HSS Steel

CODICE - CODE			
E27G...NQ	E27G...NS	*K27G...TX	*K27G...FOR-TX
○	●	*	*
○	●	*	*
○	●	*	*
○	●	*	*
○	○	*	*
○	○	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
-	-	*	*
-	-	*	*
-	-	*	*
-	-	*	*
-	-	*	*

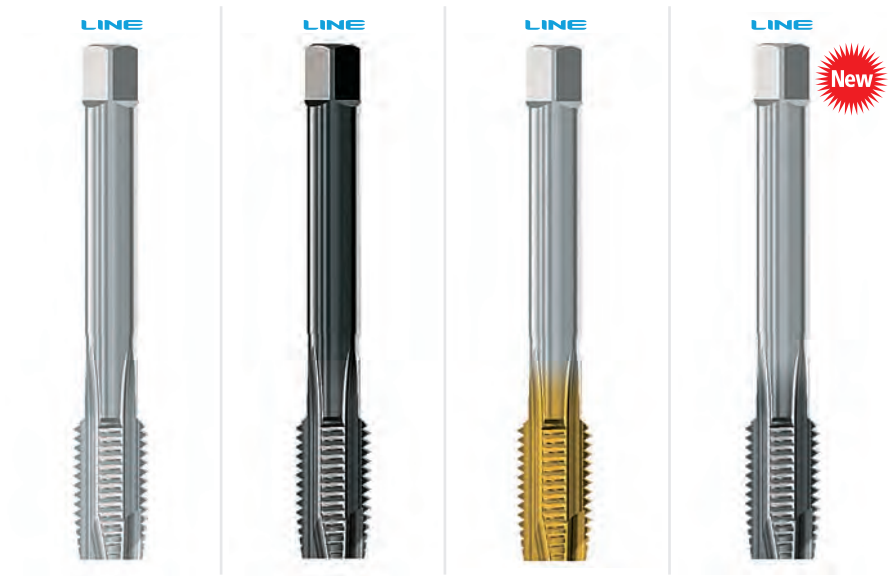
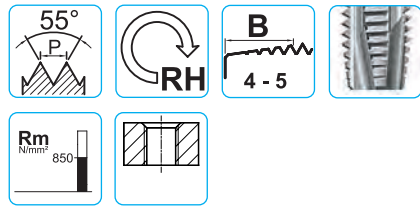
A richiesta: Imbocco E (1,5-2 x P)  
On request chamfer E (1,5-2 x P)

**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS



**DIN 5156**



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

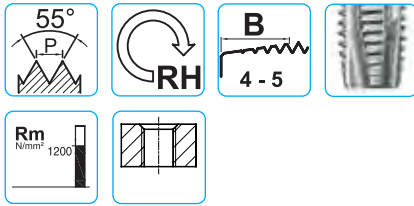
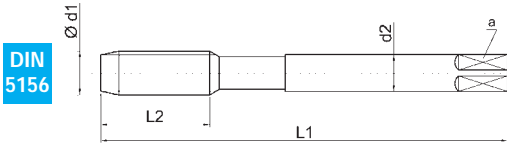
3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO 228	ISO 228	ISO 228	ISO 228
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	1/8	28	9,73	90	15	7	5,5	3	8,8
	1/4	19	13,16	100	22	11	9	3	11,8
	3/8	19	16,66	100	22	12	9	4	15,25
	1/2	14	20,96	125	25	16	12	4	19
	5/8	14	22,91	125	25	18	14,5	4	21
	3/4	14	26,44	140	25	20	16	4	24,5
	7/8	14	30,20	150	28	22	18	4	28,25
	1"	11	33,25	160	30	25	20	5	30,75
	1 1/8	11	37,90	170	30	28	22	6	35,5
	1 1/4	11	41,91	170	30	32	24	6	39,5
	1 1/2	11	47,8	190	32	36	29	6	45,25
	1 3/4	11	53,75	190	32	40	32	6	51,10
	2"	11	59,61	220	40	45	35	6	57,2

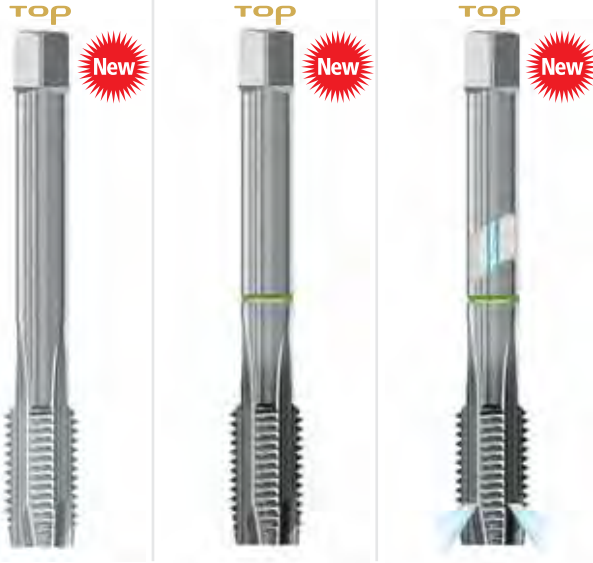
CODICE - CODE			
E25G...	E25G...V	E25G...T	E25G...XP
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	○	○	★
●	○	○	★
○	○	★	★
●	○	★	★
○	○	★	★
○	○	★	★
○	○	★	★
○	○	★	★

■ = Acciaio HSS / HSS Steel

Confezione / Box:	€ Pagina listino - Price list page	93	93	94	94
1/8 G: 10 pezzi / pcs 1/4 G - 3/8 G: 5 pezzi / pcs	● Standard ● Standard	○ Disponibilità da richiedere, prezzo a listino ○ Lead time on enquiry, standard price-list		★ Solo a richiesta ★ Only on request	



Profondità di filettatura - Thread depth	3xD	3xD	3,5xD
Materiale - Material	PM3	PM3	PM3
Tolleranza - Tolerance	ISO 228X	ISO 228X	ISO 228X
Trattamento superficiale - Surface treatment	BR	XP	XP
Al Si>10%, Ottone / Brass Bronzo / and Bronze a truciolo corto / with short chip	1.1 1.2 1.3 1.4 4.1 4.2 5.1 5.2	1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 3.3 3.4 4.2 4.3 5.2	1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 3.3 3.4 4.2 4.3 5.2
Numero gruppi materiali Material's groups number			



DIN 5156	$\varnothing d1$ GAS	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	$a$ h12	Z	
	1/8	28	9,73	90	15	7	5,5	3	8,8
	1/4	19	13,16	100	22	11	9	4	11,8
	3/8	19	16,66	100	22	12	9	4	15,25
	1/2	14	20,96	125	25	16	12	4	19
	3/4	14	26,44	140	25	20	16	4	24,5

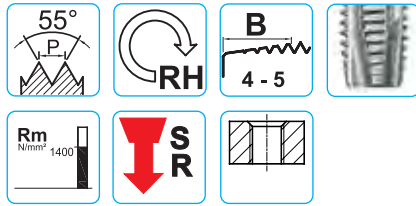
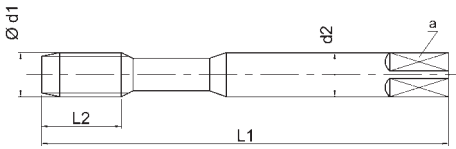
K25G...U	CODICE - CODE	
	K25G...XP	K25G...FORY-XP
*	○	*
*	○	*
*	○	*
*	○	*
*	○	*

**SYNCHRO RIGID**

**MASCHIATURA RIGIDA SINCRONIZZATA**  
*Rigid Tapping Synchro*

**MASCHI A MACCHINA MACHINE TAPS**

UFS norm



- Profondità di filettatura - Thread depth
- Materiale - Material
- Tolleranza - Tolerance
- Trattamento superficiale - Surface treatment
- Numero gruppi materiali  
Material's groups number



3xD	3,5xD
PM3	PM3
ISO 228X	ISO 228X
<b>TXC</b>	<b>TXC</b>
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4 3.3 3.4	2.1 2.2 2.3 2.4 3.3 3.4
4.1 4.2 4.3 4.5 4.6 5.1	4.1 4.2 4.3 4.5 4.6 5.1
5.2 5.3 6.1 6.2 7.1 7.2	5.2 5.3 6.1 6.2 7.1 7.2

UFS norm	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h6	a h12	Z	
	1/8	28	9,73	90	10	10	8	3	8,8
	1/4	19	13,16	100	13,5	12	9	3	11,8
	3/8	19	16,66	100	13,5	16	12	4	15,25
	1/2	14	20,96	125	18	20	16	4	19

CODICE - CODE	
S24G...TXC	S24G...FOR-Y-TXC
○	*
○	*
○	*
○	*

A richiesta:  
On request:

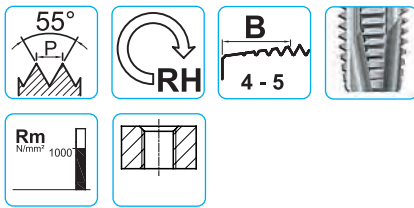
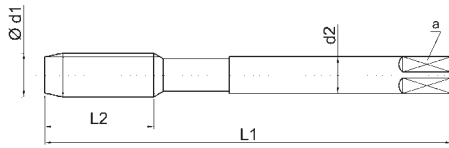
Con **Weldon** DIN1835 B



Ci potete richiedere maschi anche con diametro fino a 160-170 mm di diametro e 400-450 mm di lunghezza!

You will find taps with diameters up to 160-170 mm and 400-450 mm in length!

**DIN 5156**



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

**3xD**

**HSSV3**

**ISO 228X**

**TXC**

1.3 1.4 1.5

2.1 2.2 2.3 2.4

Numero gruppi materiali  
 Material's groups number

DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	<b>1/8</b>	<b>28</b>	9,73	90	15	7	5,5	3	8,8
	<b>1/4</b>	<b>19</b>	13,16	100	22	11	9	4	11,8
	<b>3/8</b>	<b>19</b>	16,66	100	22	12	9	4	15,25
	<b>1/2</b>	<b>14</b>	20,96	125	25	16	12	4	19
	<b>3/4</b>	<b>14</b>	26,44	140	25	20	16	4	24,5

CODICE - CODE

V25G...TXC

○

○

○

○

○

Confezione / Box:  
 1/8 G: 10 pezzi / pcs  
 1/4 G - 3/8 G: 5 pezzi / pcs

€ Pagina listino - Price list page

**94**

● Standard  
 ● Standard

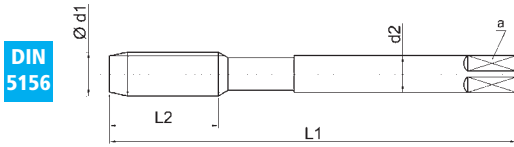
○ Disponibilità da richiedere, prezzo a listino  
 ○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
 ★ Only on request

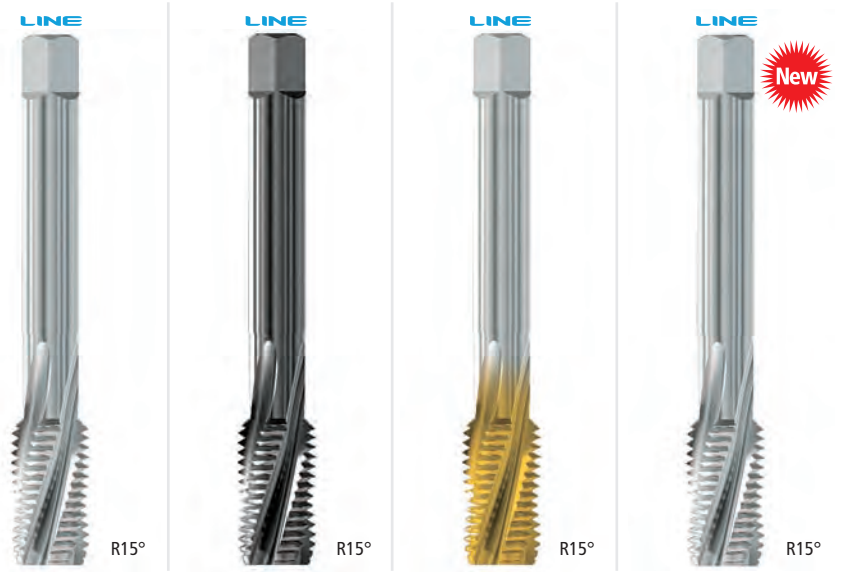
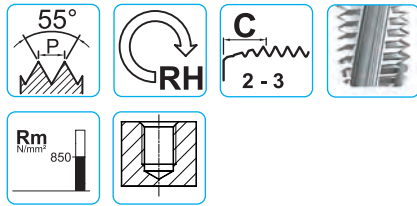


**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS



**DIN 5156**



**New**

Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment  
 Numero gruppi materiali  
 Material's groups number

1,5xD	1,5xD	1,5xD	1,5xD
HSSE	HSSE	HSSE	HSSE
ISO 228	ISO 228	ISO 228	ISO228+0,05
BR	V	TiN	BR
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	4.1 4.2
5.1 5.2	5.1 5.2	4.1 4.2 4.3	5.1 5.2
	6.1 7.1	5.1 5.2	

DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	1/8	28	9,73	90	15	7	5,5	3	8,8
	1/4	19	13,16	100	22	11	9	3	11,8
	3/8	19	16,66	100	22	12	9	3	15,25
	1/2	14	20,96	125	25	16	12	4	19
	5/8	14	22,91	125	25	18	14,5	4	21
	3/4	14	26,44	140	25	20	16	4	24,5
	7/8	14	30,20	150	28	22	18	4	28,25
	1"	11	33,25	160	30	25	20	5	30,75
	1 1/8	11	37,90	170	30	28	22	6	35,5
	1 1/4	11	41,91	170	30	32	24	6	39,5
	1 1/2	11	47,8	190	32	36	29	6	45,25
	1 3/4	11	53,75	190	32	40	32	6	51,4
	2"	11	59,61	220	40	45	35	6	57,2
	2 1/2	11	75,18	250	50	45	35	8	72,8

■ = Acciaio HSS / HSS Steel

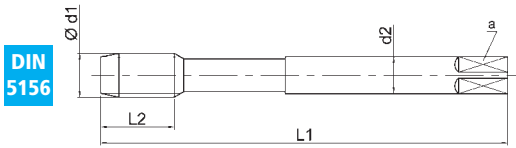
CODICE - CODE			
E41G...	E41G...V	E41G...T	E41G...+0,05
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	○	*	*
●	○	○	○
○	○	*	○
●	○	*	○
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*

Confezione / Box: 1/8 G: 10 pezzi / pcs; 1/4 G - 3/8 G: 5 pezzi / pcs

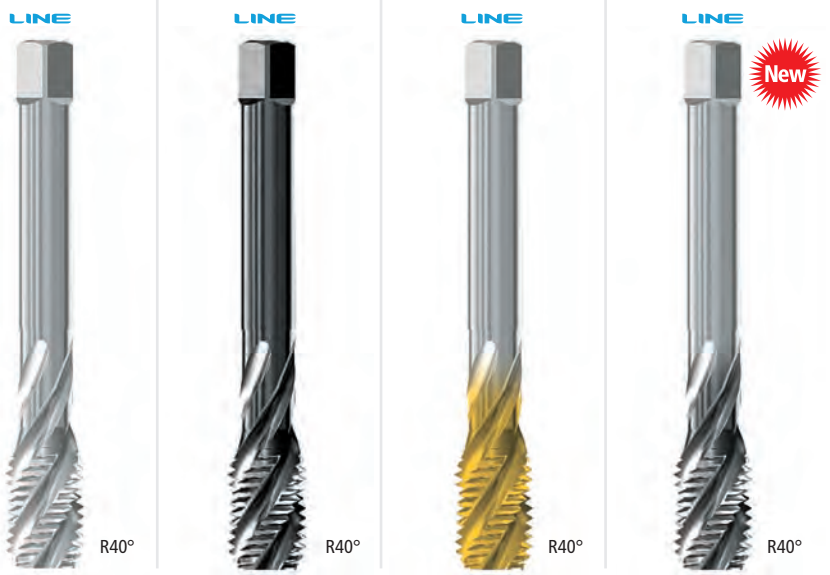
€ Pagina listino - Price list page: 94, 95, 95, 95

● Standard; ○ Disponibilità da richiedere, prezzo a listino; \* Solo a richiesta

● Standard; ○ Lead time on enquiry, standard price-list; \* Only on request



55°  
 RH  
 C  
 2-3  
 Rm  
 N/mm²  
 850



Profondità di filettatura - Thread depth	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	ISO 228	ISO 228	ISO 228	ISO 228
Trattamento superficiale - Surface treatment	BR	V	TiN	XP
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
	5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3

DIN 5156	Ød1 GAS	P TPI	Ø mm	L1	L2	d2 h9	a h12	Z	
	1/8	28	9,73	90	15	7	5,5	3	8,8
	1/4	19	13,16	100	15	11	9	3	11,8
	3/8	19	16,66	100	15	12	9	4	15,25
	1/2	14	20,96	125	18	16	12	4	19
	5/8	14	22,91	125	18	18	14,5	4	21
	3/4	14	26,44	140	20	20	16	4	24,5
	7/8	14	30,20	150	20	22	18	4	28,25
	1"	11	33,25	160	24	25	20	5	30,75
	1 1/8"	11	37,90	170	24	28	22	6	35,5
	1 1/4"	11	41,91	170	24	32	24	6	39,5
	1 1/2"	11	47,8	190	27	36	29	6	45,25
	1 3/4"	11	53,75	190	27	40	32	6	51,10
	2"	11	59,61	220	32	45	35	6	57,2

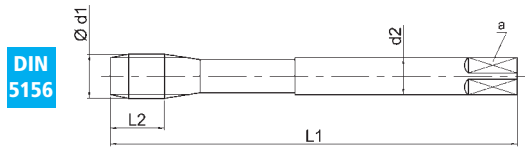
■ = Acciaio HSS / HSS Steel

CODICE - CODE			
E61G...	E61G...V	E61G...T	E61G...XP
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
○	*	*	*
●	○	○	○
○	○	*	*
●	○	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*

Confezione / Box: 1/8 G: 10 pezzi / pcs 1/4 G - 3/8 G: 5 pezzi / pcs	€ Pagina listino - Price list page	95	95	95	95
● Standard ● Standard	○ Disponibilità da richiedere, prezzo a listino ○ Lead time on enquiry, standard price-list			★ Solo a richiesta ★ Only on request	

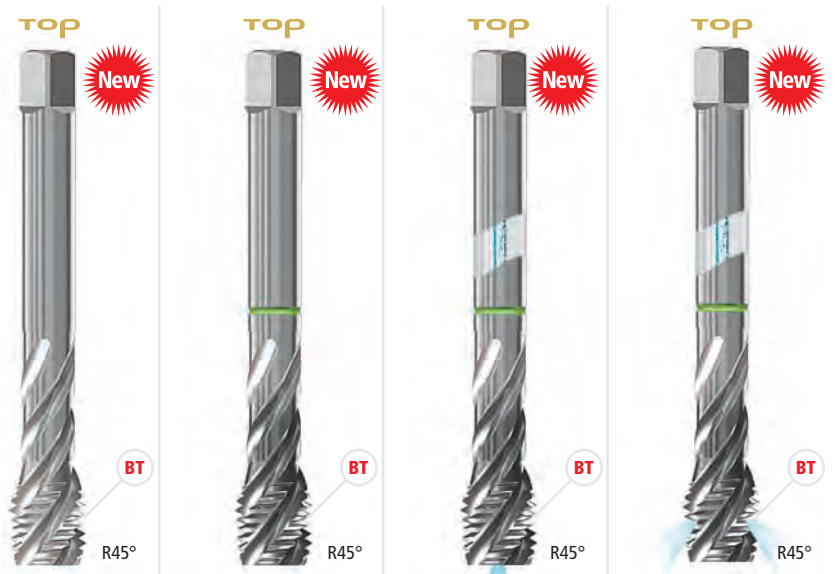
**U** APPLICAZIONI UNIVERSALI  $R \leq 1200 \text{ N/mm}^2$   
 Universal Applications  $R \leq 1200 \text{ N/mm}^2$

**MASCHI A MACCHINA** MACHINE TAPS



55°  $P_v$  RH C 2-3

Rm  $\text{N/mm}^2$  1200 **BT** Back Tapered



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

3xD	3xD	3,5xD	3,5xD
PM3	PM3	PM3	PM3
ISO 228X	ISO 228X	ISO 228X	ISO 228X
BR	XP	XP	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
4.2 5.2	2.1 2.2 2.3	2.1 2.2 2.3	2.1 2.2 2.3
	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3	3.3 3.4 4.2 4.3
	5.2	5.2	5.2

DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	1/8	28	9,73	90	15	7	5,5	3	8,8
	1/4	19	13,16	100	15	11	9	3	11,8
	3/8	19	16,66	100	15	12	9	4	15,25
	1/2	14	20,96	125	18	16	12	4	19
	3/4	14	26,44	140	20	20	16	4	24,5
	1"	11	33,25	160	24	25	20	5	30,75

CODICE - CODE			
K83G...U	K83G...XP	K83G...FOR-XP	K83G...FOR-XP
*	○	*	*
*	○	*	*
*	○	*	*
*	○	*	*
*	*	*	*

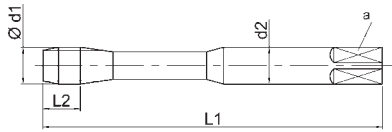
Confezione / Box: 1/8 G: 10 pezzi / pcs 1/4 G - 3/8 G: 5 pezzi / pcs	€ Pagina listino - Price list page	96	96	96	96
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Standard	○ Lead time on enquiry, standard price-list	* Solo a richiesta	* Only on request

### MASCHI A MACCHINA MACHINE TAPS

### SYNCHRO RIGID

### MASCHIATURA RIGIDA SINCRONIZZATA Rigid Tapping Synchro

UFS norm



55°  
P

RH

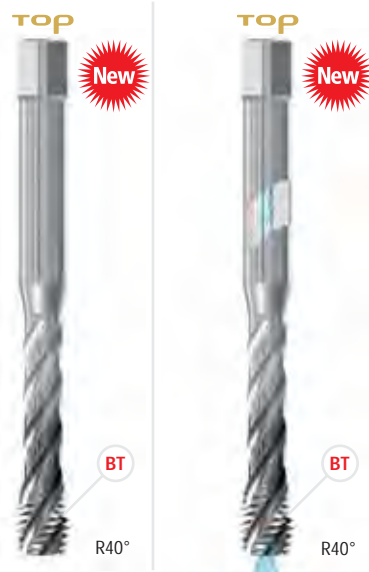
C  
2-3

BT

Rm  
N/mm²  
1200

SR

Back Tapered



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

2,5xD	3xD
PM3	PM3
ISO 228X	ISO 228X
TXC	TXC
1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
2.1 2.2 2.3 2.4 3.3 3.4	2.1 2.2 2.3 2.4 3.3 3.4
4.2 4.3 5.2	4.2 4.3 5.2

Numero gruppi materiali  
 Material's groups number

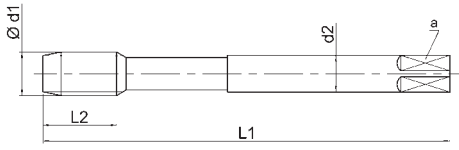
UFS norm	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub> 10xP	d <sub>2</sub> h6	a h12	Z	
	1/8	28	9,73	90	10	10	8	3	8,8
	1/4	19	13,16	100	13,5	12	9	3	11,8
	3/8	19	16,66	100	13,5	16	12	4	15,25
	1/2	14	20,96	125	18	20	16	4	19

CODICE - CODE	
S80G...TXC	S80G...FOR-TXC
○	*
○	*
○	*
○	*

A richiesta:  
 On request:

Con Weldon DIN1835 B



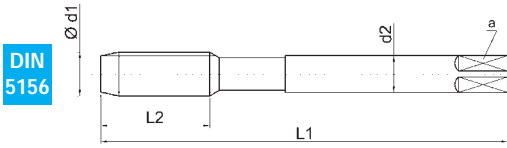
**INOX**
**ACCIAIO INOSSIDABILE**
*Stainless steel*
**MASCHI A MACCHINA** *MACHINE TAPS*
**DIN 5156**


Profondità di filettatura - Thread depth	<b>3,5xD</b>
Materiale - Material	<b>HSSV3</b>
Tolleranza - Tolerance	<b>ISO 228X</b>
Trattamento superficiale - Surface treatment	<b>TXC</b>
Numero gruppi materiali Material's groups number	<b>1.3 1.4 1.5</b>
	<b>2.1 2.2 2.3 2.4</b>

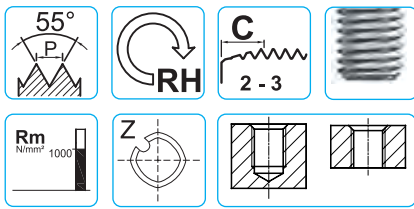
DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	<b>1/8</b>	<b>28</b>	9,73	90	15	7	5,5	3	8,8
	<b>1/4</b>	<b>19</b>	13,16	100	15	11	9	3	11,8
	<b>3/8</b>	<b>19</b>	16,66	100	15	12	9	4	15,25
	<b>1/2</b>	<b>14</b>	20,96	125	18	16	12	4	19
	<b>3/4</b>	<b>14</b>	26,44	140	20	20	16	4	24,5
	<b>1"</b>	<b>11</b>	33,25	160	24	25	20	5	30,75

CODICE - CODE	
V83G...TXC	
○	
○	
○	
○	
○	
○	
*	

Confezione / Box: 6 – 7/16: 10 pezzi / pcs 1/2 – 9/16: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	<b>96</b>
● Standard	○ Disponibilità da richiedere, prezzo a listino	★ Solo a richiesta
● Standard	○ Lead time on enquiry, standard price-list	★ Only on request



DIN 5156



Profondità di filettatura - Thread depth	3xD	3xD	3xD	3xD
Materiale - Material	HSSP	HSSP	PM3	PM3
Tolleranza - Tolerance	ISO 228X	ISO 228X	ISO 228X	ISO 228X
Trattamento superficiale - Surface treatment	BR	TiN	TiN-G	TiN-G
Numero gruppi materiali Material's groups number	1.1 1.2 1.3	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4 1.5	1.1 1.2 1.3 1.4 1.5
	4.1 4.2	2.1 2.2 2.3	2.1 2.2 2.3 2.4	2.1 2.2 2.3 2.4
		4.1 4.2 4.3	4.1 4.2 4.3	4.1 4.2 4.3
		5.1 5.2	5.1 5.2 7.1 7.2	5.1 5.2 7.1 7.2

DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
1/8	28	9,73	90	15	7	5,5	5	9,25	
1/4	19	13,16	100	22	11	9	6	12,5	
3/8	19	16,66	100	22	12	9	6	16	
1/2	14	20,96	125	25	16	12	6	20	
3/4	14	26,44	140	25	20	16	8	25,5	

CODICE - CODE	P2CCG...T			
	P2CCG...	P2CCG...T	X2CCG...TG	X2CCG...FOR-TG
•	○	•	○	
•	○	•	○	
•	○	•	○	
•	○	•	○	
○	○	★	★	

Confezione: Singola Box: Single	€ Pagina listino - Price list page	96	96	96	96
	● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request



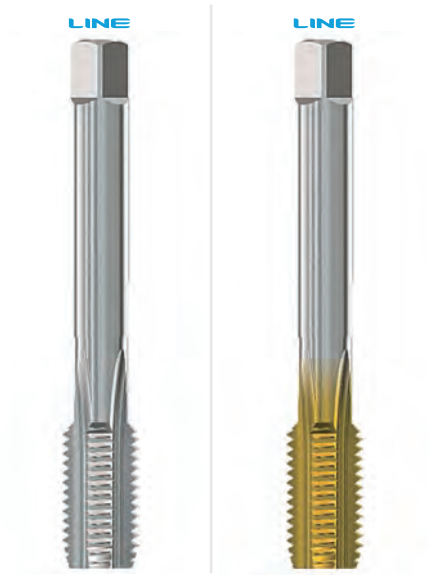
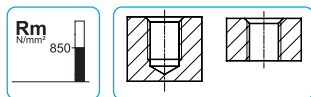
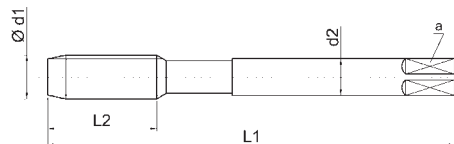


N

USO GENERALE  
General purpose

### MASCHI A MACCHINA MACHINE TAPS

DIN  
5156



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

**1,5xD**     **1,5xD**

**HSSE**     **HSSE**

-     -

**BR**     **TiN**

1.1 1.2 1.3 1.4 3.4     1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3     4.2 4.3 5.2 5.3

8.2     8.2

DIN 5156	Ød1 GAS	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	1/8	28	9,73	90	15	7	5,5	3	8,6
	1/4	19	13,16	100	22	11	9	3	11,5
	3/8	19	16,66	100	22	12	9	3	15
	1/2	14	20,96	125	25	16	12	4	18,5
	3/4	14	26,44	140	25	20	16	4	24
	1"	11	33,25	160	30	25	20	5	30,25
	1 1/4"	11	41,91	170	30	32	24	6	39
■	1 1/2"	11	47,8	190	32	36	29	6	45
■	2"	11	59,61	220	40	45	35	6	56,5

■ = Acciaio HSS / HSS Steel

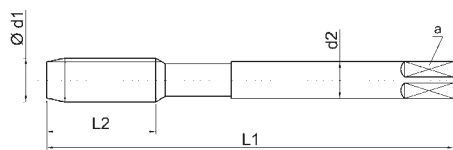
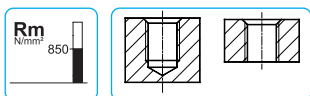
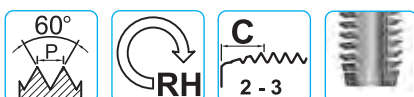
Per accoppiamento a tenuta sul filetto.  
Where pressure-tight joints are made on the threads.  
Für im Gewinde dichtende Verbindungen.  
Pour assemblage avec étanchéité dans le filet.  
Para conexiones herméticas en la rosca.

CODICE - CODE	
E21RP...	E21RP...T
○	*
○	*
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○	*

# NPSM NPSF



## MASCHI A MACCHINA MACHINE TAPS

**DIN 5156**

**LINE**
**LINE**


Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

**1,5xD**
**1,5xD**

HSSE

HSSE

-

-

**BR**
**TiN**

1.1 1.2 1.3 1.4 3.4

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

4.2 4.3 5.2 5.3

8.2

8.2

 Numero gruppi materiali  
Material's groups number

DIN 5156	$\emptyset d_1$	P TPI	$\emptyset$ mm	$L_1$	$L_2$	$d_2$ h9	$a$ h12	$F$ NPSM NPSC	
	<b>1/8</b>	<b>27</b>	10,1	90	15	7	5,5	9,10	8,8
	<b>1/4</b>	<b>18</b>	13,404	100	22	11	9	12	11,4
	<b>3/8</b>	<b>18</b>	16,843	100	22	12	9	15,5	14,8
	<b>1/2</b>	<b>14</b>	20,949	125	25	16	12	19	18,5
	<b>3/4</b>	<b>14</b>	26,296	140	25	20	16	24,5	23,8
	<b>1"</b>	<b>11,5</b>	32,895	160	30	25	20	30,5	29,9

CODICE - CODE			
E21NPSM...	E21NPSM...T		
*	*		
*	*		
*	*		
*	*		
*	*		
*	*		

Filettatura gas meccanica, ex NPS. Utilizzabile anche per NPSC.  
For mechanical joints, previously NPS. Can also be used for NPSC thread.  
Mechanisches Rohrgewinde, früher NPS. Auch für NPSC verwendbar.  
Filetage pas du gaz mécanique, au préalable NPS. Également pour NPSC.  
Rosca gas mecánica, antes NPS. También utilizable para NPSC.

 Confezione: Singola  
Box: Single

€ Pagina listino - Price list page

**97**
**97**

 ● Standard  
● Standard

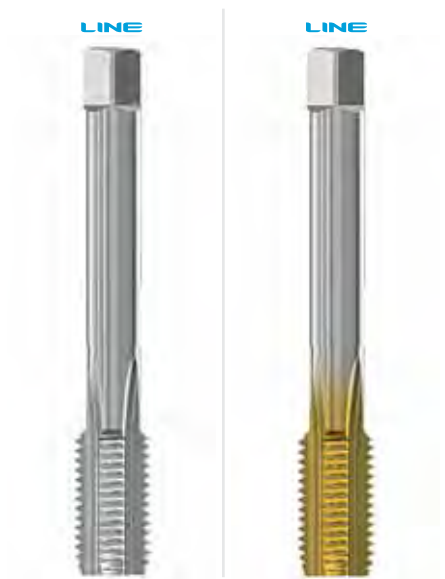
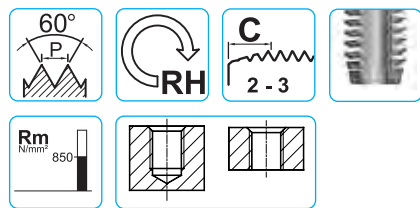
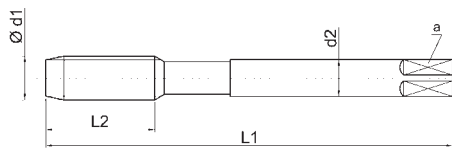
 ○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

 ★ Solo a richiesta  
★ Only on request

N USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

DIN 5156



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

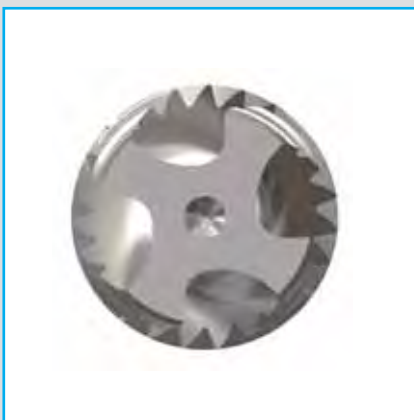
1,5xD	1,5xD
HSSE	HSSE
-	-
BR	TiN
1.1 1.2 1.3 1.4 3.4	1.1 1.2 1.3 1.4 3.4
4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3
8.2	8.2

DIN 5156	$\varnothing d1$	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	a h12	F
1/8	27	9,929	90	15	7	5,5	8,7	
1/4	18	13,236	100	22	11	9	11,30	
3/8	18	16,673	100	22	12	9	14,7	
1/2	14	20,819	125	25	16	12	18,2	
3/4	14	26,166	140	25	20	16	23,50	
1"	11,5	32,718	160	30	25	20	29,50	

Filettatura a tenuta cilindrica, accoppiata con filettatura esterna conica NPTF.  
 Dryseal internal straight pipe thread for fuel, combined with external tapered pipe thread NPTF.  
 Zylindrisches Rohrdichtgewinde, gepaart mit kegeligem Außengewinde NPTF  
 Filetage pas du gaz étanche cylindrique, apparié avec le filetage extérieur conique NPTF.  
 Rosca gas hermética cilndrica, combinada con rosca exterior cónica NPTF.

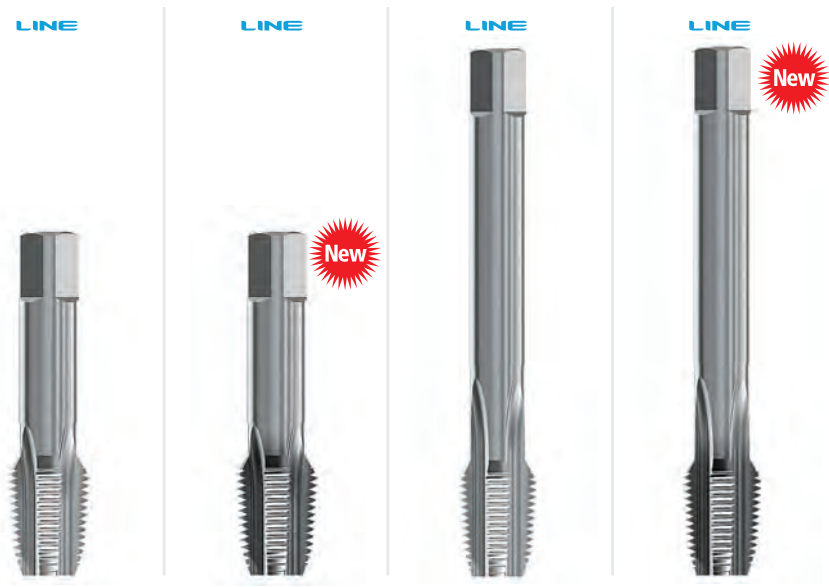
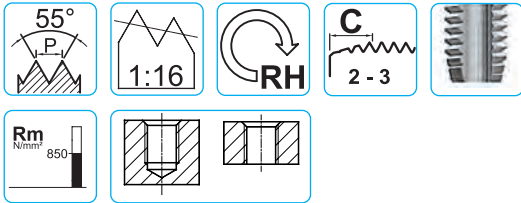
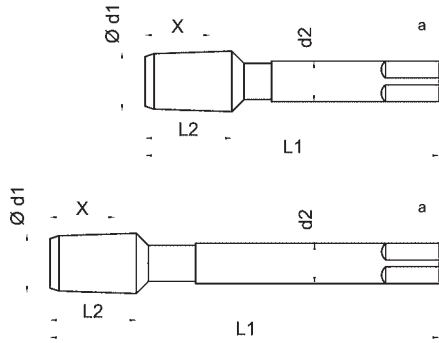
CODICE - CODE	
E21NPSF...	E21NPSF...T
*	*
*	*
*	*
*	*
*	*
*	*

Confezione: Singola Box: Single	€ Pagina listino - Price list page	97	97
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta
● Standard			★ Only on request





**MASCHI A MACCHINA** MACHINE TAPS



Profondità di filettatura - Thread depth	-	-	-	-
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	-	-	-	-
Trattamento superficiale - Surface treatment	BR	VS	BR	VS
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	3.3 3.4 4.2 4.3	2.1 2.2 2.3	3.3 3.4 4.2 4.3	2.1 2.2 2.3
	5.3	3.1 3.2 3.3 3.4	5.3	3.1 3.2 3.3 3.4
		4.2 4.3 4.4 5.2 5.3		4.2 4.3 4.4 5.2 5.3

Ød1 Rc	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/8	28	9,728	63	13	7	5,5	10,1	8,20
1/4	19	13,157	63	20	11	9	15,0	11
3/8	19	16,662	70	20	12	9	15,4	14,5
1/2	14	20,955	80	26	16	12	20,4	18
3/4	14	26,441	100	28	20	16	21,7	23,5
1"	11	33,249	110	34	25	20	26	29,5
1 1/4"	11	41,910	125	36	32	24	28,3	38
1 1/2"	11	47,803	140	36	36	29	28,3	44
2"	11	59,614	160	40	45	35	32,6	55,5

CODICE - CODE	
E21CRC...	E21CRC...VS
○	*
○	*
○	*
○	*
○	*
○	*
○	*
○	*

Ød1 Rc	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/8	28	9,728	90	13	7	5,5	10,1	8,20
1/4	19	13,157	100	20	11	9	15,0	11
3/8	19	16,662	110	20	12	9	15,4	14,5
1/2	14	20,955	125	26	16	12	20,4	18
3/4	14	26,441	140	28	20	16	21,7	23,5
1"	11	33,249	160	34	25	20	26	29,5
1 1/4"	11	41,910	160	36	32	24	28,3	38
1 1/2"	11	47,803	190	36	36	29	28,3	44
2"	11	59,614	200	40	45	35	32,6	55,5

CODICE - CODE	
E21LRC...	E21LRC...VS
○	*
○	*
○	*
○	*
○	*
○	*
○	*
○	*
○	*

Per accoppiamento a tenuta sul filetto.  
Where pressure-tight joints are made on the threads.  
Für im Gewinde dichtende Verbindungen.  
Pour assemblage avec étanchéité dans le filet.  
Para conexiones herméticas en la rosca.

\* Diametri di foratura cilindrici.  
Per alesatura conica vedi tabella pag. 258  
\* Cylindric hole.  
For conic hole see on page 258

Confezione: Singola Box: Single	€ Pagina listino - Price list page	<b>97</b>	<b>97</b>	<b>98</b>	<b>98</b>
	● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

**CALIBRI FILETTATI** THREAD GAUGES

EN 10226 - (DIN 2999)

LINE

Calibri filettati per filettatura conica a due piani  
 Thread gauges for tapered threads with two plans



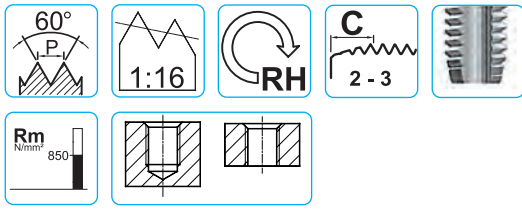
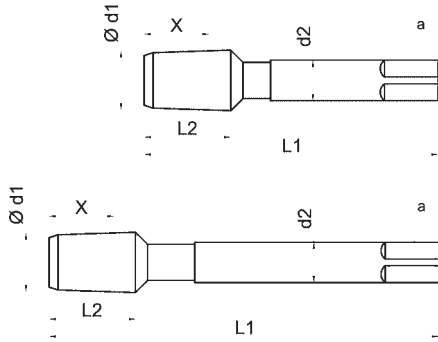
<b>Tolleranza - Tolerance</b>	-
<b>Trattamento superficiale - Surface treatment</b>	BR

Ød1 RC	TPI	CODICE - CODE P-NPRC...
1/8	28	○
1/4	19	○
3/8	19	○
1/2	14	○
3/4	14	○
1"	11	○
1" 1/4	11	○
1" 1/2	11	○
2"	11	○

## MASCHI A MACCHINA MACHINE TAPS

N

USO GENERALE  
General purpose



Profondità di filettatura - Thread depth	-
Materiale - Material	HSSE
Tolleranza - Tolerance	-
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4
	3.3 3.4 4.2 4.3
	5.3

-	-	-	-
HSSE	HSSE	HSSE	HSSE
-	-	-	-
BR	VS	BR	VS
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
3.3 3.4 4.2 4.3	2.1 2.2 2.3	3.3 3.4 4.2 4.3	2.1 2.2 2.3
5.3	3.1 3.2 3.3 3.4	5.3	3.1 3.2 3.3 3.4
	4.2 4.3 4.4 5.2 5.3		4.2 4.3 4.4 5.2 5.3

Ød1 NPT	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/16	27	7,938	63	13	6	4,9	9,3	6,2
1/8	27	10,287	63	13	7	5,5	9,3	8,5
1/4	18	13,716	63	20	11	9	13,5	11
3/8	18	17,145	70	20	12	9	13,9	14,5
1/2	14	21,336	80	26	16	12	18,1	17,9
3/4	14	26,670	100	26	20	16	18,6	23,2
1"	11,5	33,401	110	32	25	20	22,3	29
1 1/4"	11,5	42,164	125	32	32	24	22,8	37,8
1 1/2"	11,5	48,260	140	32	36	29	22,8	44
2"	11,5	60,325	160	36	45	35	23,2	56

Ød1 NPT	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/16	27	7,938	90	13	6	4,9	9,3	6,2
1/8	27	10,287	90	13	7	5,5	9,3	8,5
1/4	18	13,716	100	20	11	9	13,5	11
3/8	18	17,145	110	20	12	9	13,9	14,5
1/2	14	21,336	125	26	16	12	18,1	17,9
3/4	14	26,670	140	26	20	16	18,6	23,2
1"	11,5	33,401	160	32	25	20	22,3	29
1 1/4"	11,5	42,164	160	32	32	24	22,8	37,8
1 1/2"	11,5	48,260	190	32	36	29	22,8	44
2"	11,5	60,325	200	36	45	35	23,2	56

■ = Acciaio HSS / HSS Steel

CODICE - CODE	
E21CNPT...	E21CNPT...VS
*	*
o	*
o	*
o	*
o	*
o	*
o	*
o	*
o	*
o	*

CODICE - CODE	
E21LNPT...	E21LNPT...VS
o	*
o	*
o	*
o	*
o	*
o	*
*	*
*	*
*	*

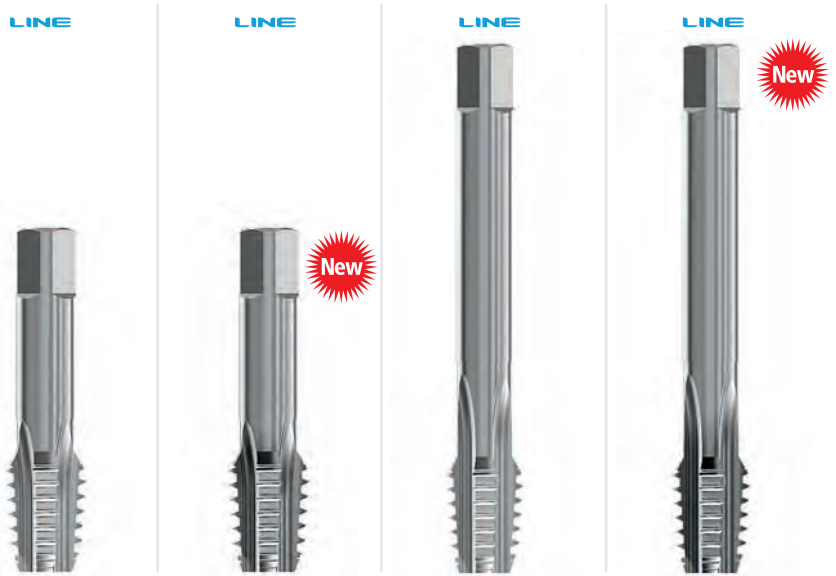
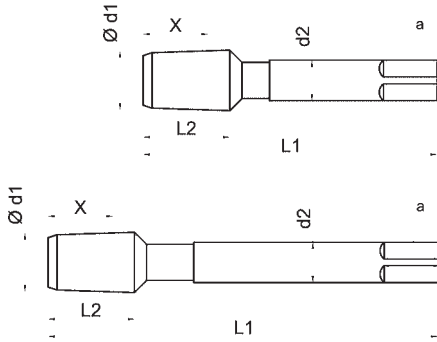
\* Diametri di foratura cilindrici.  
Per alesatura conica vedi tabella pag. 258

\* Cylindric hole.  
For conic hole see on page 258

Confezione: Singola Box: Single	€ Pagina listino - Price list page	98	98	98	98
	● Standard	○ Disponibilità da richiedere, prezzo a listino		★ Solo a richiesta	
	● Standard	○ Lead time on enquiry, standard price-list		★ Only on request	

**N** **USO GENERALE**  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS



- 60°
- 1:16
- RH
- C 2-3
- Rm 850
- AZ

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

-	-	-	-
HSSE	HSSE	HSSE	HSSE
-	-	-	-
BR	VS	BR	VS
1.1	1.1	1.1	1.1
2.1 2.2	2.1 2.2	2.1 2.2	2.1 2.2
4.1 4.2 5.1 5.2	4.1 4.2 5.1 5.2	4.1 4.2 5.1 5.2	4.1 4.2 5.1 5.2

Ød1 NPT	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/16	27	7,938	63	13	6	4,9	9,3	6,2
1/8	27	10,287	63	13	7	5,5	9,3	8,5
1/4	18	13,716	63	20	11	9	13,5	11
3/8	18	17,145	70	20	12	9	13,9	14,5
1/2	14	21,336	80	26	16	12	18,1	17,9
3/4	14	26,670	100	26	20	16	18,6	23,2
1"	11,5	33,401	110	32	25	20	22,3	29
1 1/4"	11,5	42,164	125	32	32	24	22,8	37,8
1 1/2"	11,5	48,260	140	32	36	29	22,8	44
2"	11,5	60,325	160	36	45	35	23,2	56

CODICE - CODE	
E21CNPT...AZ	E21CNPT...AZ-VS
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*

Ød1 NPT	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/16	27	7,938	90	13	6	4,9	9,3	6,2
1/8	27	10,287	90	13	7	5,5	9,3	8,5
1/4	18	13,716	100	20	11	9	13,5	11
3/8	18	17,145	110	20	12	9	13,9	14,5
1/2	14	21,336	125	26	16	12	18,1	17,9
3/4	14	26,670	140	26	20	16	18,6	23,2
1"	11,5	33,401	160	32	25	20	22,3	29
1 1/4"	11,5	42,164	160	32	32	24	22,8	37,8
1 1/2"	11,5	48,260	190	32	36	29	22,8	44
2"	11,5	60,325	200	36	45	35	23,2	56

CODICE - CODE	
E21LNPT...AZ	E21LNPT...AZ-VS
*	*
o	*
o	*
o	*
o	*
o	*
o	*
*	*
*	*
*	*

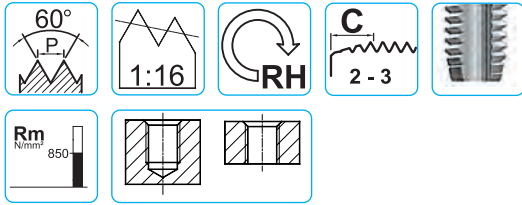
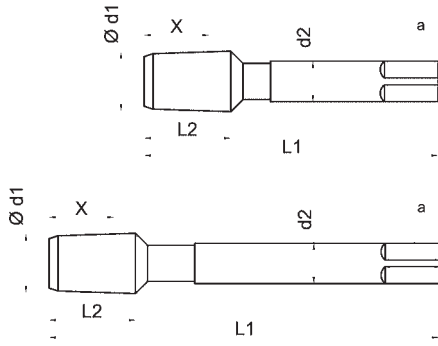
■ = Acciaio HSS / HSS Steel

\* Diametri di foratura cilindrici.  
Per alesatura conica vedi tabella pag. 258

\* Cilyndric hole.  
For conic hole see on page 258

Confezione: Singola Box: Single	€ Pagina listino - Price list page	98	98	99	99
	● Standard	○ Disponibilità da richiedere, prezzo a listino		★ Solo a richiesta	
	● Standard	○ Lead time on enquiry, standard price-list		★ Only on request	

## MASCHI A MACCHINA MACHINE TAPS



Profondità di filettatura - Thread depth	-	-	-	-
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	-	-	-	-
Trattamento superficiale - Surface treatment	BR	VS	BR	VS
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
	3.3 3.4 4.2 4.3	2.1 2.2 2.3	3.3 3.4 4.2 4.3	2.1 2.2 2.3
	5.3	3.1 3.2 3.3 3.4	5.3	3.1 3.2 3.3 3.4
		4.2 4.3 4.4 5.2 5.3		4.2 4.3 4.4 5.2 5.3

Ød1 NPTF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/16	27	7,938	63	13	6	4,9	9,3	6,1
1/8	27	10,287	63	13	7	5,5	9,3	8,45
1/4	18	13,716	63	20	11	9	13,5	10,9
3/8	18	17,145	70	20	12	9	13,9	14,3
1/2	14	21,336	80	26	16	12	18,1	17,6
3/4	14	26,670	100	26	20	16	18,6	23,0
1"	11,5	33,401	110	32	25	20	22,3	28,75
1 1/4	11,5	42,164	125	32	32	24	22,8	37,5
1 1/2	11,5	48,260	140	32	36	29	22,8	43,75
2"	11,5	60,325	160	36	45	35	23,2	55,75

Ød1 NPTF	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	X	F*
1/16	27	7,938	90	13	6	4,9	9,3	6,1
1/8	27	10,287	90	13	7	5,5	9,3	8,45
1/4	18	13,716	100	20	11	9	13,5	10,9
3/8	18	17,145	110	20	12	9	13,9	14,3
1/2	14	21,336	125	26	16	12	18,1	17,6
3/4	14	26,670	140	26	20	16	18,6	23,0
1"	11,5	33,401	160	32	25	20	22,3	28,75
1 1/4	11,5	42,164	160	32	32	24	22,8	37,5
1 1/2	11,5	48,260	190	32	36	29	22,8	43,75
2"	11,5	60,325	200	36	45	35	23,2	55,75

■ = Acciaio HSS / HSS Steel

CODICE - CODE	
E21CNPTF...	E21CNPTF...VS
*	*
o	*
o	*
o	*
o	*
o	*
o	*
o	*
o	*

CODICE - CODE	
E21LNPTF...	E21LNPTF...VS
*	*
o	*
o	*
o	*
o	*
o	*
o	*
*	*
*	*
*	*

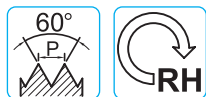
\* Diametri di foratura cilindrici.  
Per alesatura conica vedi tabella pag. 258

\* Cylindric hole.  
For conic hole see on page 258

Confezione: Singola Box: Single	€ Pagina listino - Price list page	99	99	99	99
	● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	★ Solo a richiesta	★ Only on request

LINE

**Calibri filettati per filettatura conica a tre piani**  
 Thread gauges for tapered threads with three plans



Tolleranza - Tolerance	-
Trattamento superficiale - Surface treatment	BR

**NPT**  
ANSI/ASME B1.20.1

Ød1	TPI	CODICE - CODE P-NPNPT...
1/8	27	○
1/4	18	○
3/8	18	○
1/2	14	○
3/4	14	○
1"	11,5	○
1"1/4	11,5	○
1"1/2	11,5	○
2"	11,5	○

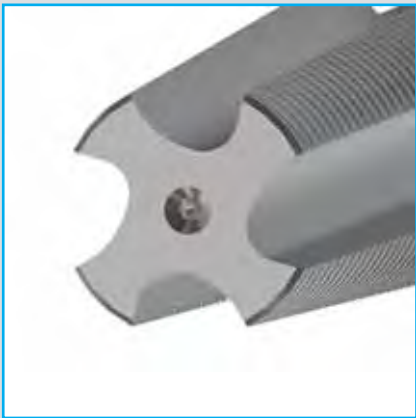
**NPTF**  
ANSI/ASME B1.20.3

A richiesta  
On request:

Ød1	TPI	CODICE - CODE P-NPNPTF...
1/8	27	*
1/4	18	*
3/8	18	*
1/2	14	*
3/4	14	*
1"	11,5	*
1"1/4	11,5	*
1"1/2	11,5	*
2"	11,5	*

NPT NPTF





# BSW-PG-Tr-Rd



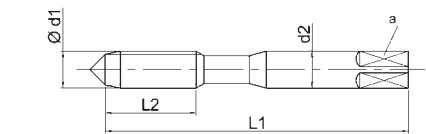
BSW PG Tr Rd

Qualità certificata... ma non solo dal Certificatore  
*Certified quality... but not only by the certifier*

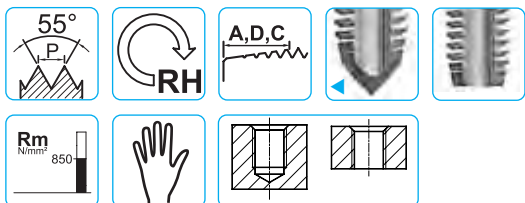
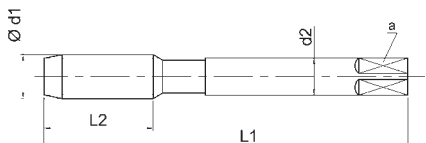
QUALITY



~DIN 352



~DIN 352



Profondità di filettatura - Thread depth


Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

<b>2xD</b>	<b>2xD</b>	<b>2xD</b>	<b>2xD</b>
<b>HSS</b>	<b>HSS</b>	<b>HSS</b>	<b>HSS</b>
<b>-</b>	<b>-</b>	<b>med.</b>	<b>med.</b>
<b>BR</b>	<b>BR</b>	<b>BR</b>	<b>BR</b>
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4	2.1 2.2 2.3 3.1 3.4
4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4	4.1 4.2 4.3 4.4
5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3	5.1 5.2 5.3

Numero gruppi materiali  
 Material's groups number

-DIN 352	Ød1 BSW	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
1/8	40	3,175	40	9	3,5	2,7	3	2,5	
3/16	24	4,762	50	13	6	4,9	3	3,6	
1/4	20	6,350	56	15	6	4,9	3	5	
5/16	18	7,938	63	19	6	4,9	3	6,5	
3/8	16	9,525	70	22	7	5,5	3	7,9	
7/16	14	11,113	70	22	8	6,2	3	9,2	
1/2	12	12,700	75	28	9	7	3	10,5	
9/16	12	14,288	80	30	11	9	4	12	
5/8	11	15,876	80	30	12	9	4	13,4	
3/4	10	19,051	95	34	14	11	4	16,4	
7/8	9	22,226	100	34	18	14,5	4	19,25	
1"	8	25,401	110	38	18	14,5	4	22	
1"1/8	7	28,576	125	45	22	18	4	24,75	
1"1/4	7	31,751	125	45	22	18	4	27,5	
1"1/2	6	38,101	150	55	28	22	4	33,5	

CODICE - CODE

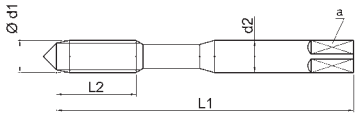
01W...	02W...	03W...	00W...
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○
*	*	○	○

BSW

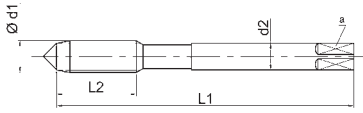
**N** **USO GENERALE**  
*General purpose*

**MASCHI A MACCHINA MACHINE TAPS**

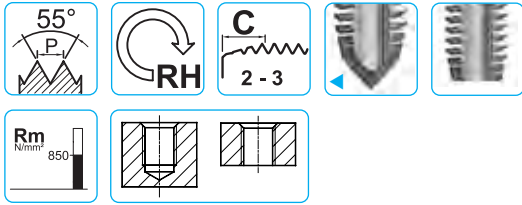
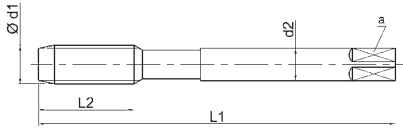
**DIN 371**



**DIN 376**



**DIN 376**



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

1,5xD

HSSE

med.

BR

1,5xD

HSSE

med.

TiN

Numero gruppi materiali  
*Material's groups number*

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

8.2

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

8.2

DIN 371	Ød1 BSW	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	1/8	40	3,175	56	10	3,5	2,7	3	2,5
◀	3/16	24	4,762	70	13	6	4,9	3	3,6
◀	1/4	20	6,350	80	16	7	5,5	3	5
◀	5/16	18	7,938	90	18	8	6,2	3	6,5
◀	3/8	16	9,525	100	20	10	8	3	7,9

CODICE - CODE	
E20W...	E20W...T
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○

DIN 376	Ød1 BSW	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	5/16	18	7,938	90	18	6	4,9	3	6,5
◀	3/8	16	9,525	100	20	7	5,5	3	7,9
	7/16	14	11,113	100	20	8	6,2	3	9,2
	1/2	12	12,700	110	25	9	7	3	10,5
	9/16	12	14,288	110	28	11	9	3	12
	5/8	11	15,876	110	28	12	9	3	13,4
	3/4	10	19,051	125	32	14	11	4	16,4
	7/8	9	22,226	140	32	18	14,5	4	19,25
	1"	8	25,401	160	36	18	14,5	4	22
	1" 1/8	7	28,576	180	46	22	18	4	24,75
	1" 1/4	7	31,751	180	46	22	18	4	27,5
	1" 3/8	6	34,926	200	50	28	22	4	30,5
	1" 1/2	6	38,101	200	50	32	24	4	33,5

CODICE - CODE	
E21W...	E21W...T
*	*
*	*
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	*
○	*
○	*
○	*

Confezione / Box: 1/8 - 7/16: 10 pezzi / pcs; 1/2 - 5/8: 5 pezzi / pcs; Oltre / up: singoli / single pcs

€ Pagina listino - Price list page

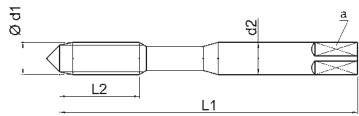
101      101

● Standard      ○ Disponibilità da richiedere, prezzo a listino      ★ Solo a richiesta

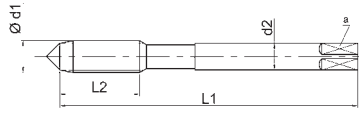
● Standard      ○ Lead time on enquiry, standard price-list      ★ Only on request

## MASCHI A MACCHINA MACHINE TAPS

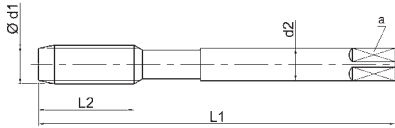
DIN 371



DIN 376



DIN 376



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

3xD	3xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
med.	med.	med.	med.
<b>BR</b>	<b>V</b>	<b>TiN</b>	<b>XP</b>
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
	6.1 7.1	5.1 5.2	5.2

DIN 371	$\varnothing d1$ BSW	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
◀	1/8	40	3,175	56	10	3,5	2,7	3	2,5
◀	3/16	24	4,762	70	13	6	4,9	3	3,6
◀	1/4	20	6,350	80	16	7	5,5	3	5
◀	5/16	18	7,938	90	18	8	6,2	3	6,5
◀	3/8	16	9,525	100	20	10	8	3	7,9

E24W...	CODICE - CODE		
	E24W...V	E24W...T	E24W...XP
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*

DIN 376	$\varnothing d1$ BSW	P TPI	$\varnothing$ mm	$L_1$	$L_2$	$d_2$ h9	a h12	Z	
◀	5/16	18	7,938	90	18	6	4,9	3	6,5
◀	3/8	16	9,525	100	20	7	5,5	3	7,9
	7/16	14	11,113	100	20	8	6,2	3	9,2
	1/2	12	12,700	110	25	9	7	3	10,5
	9/16	12	14,288	110	28	11	9	3	12
	5/8	11	15,876	110	28	12	9	3	13,4
	3/4	10	19,051	125	32	14	11	4	16,4
	7/8	9	22,226	140	32	18	14,5	4	19,25
	1"	8	25,401	160	36	18	14,5	4	22
	1"1/8	7	28,576	180	46	22	18	4	24,75
	1"1/4	7	31,751	180	46	22	18	4	27,5
	1"3/8	6	34,926	200	50	28	22	4	30,5
	1"1/2	6	38,101	200	50	32	24	4	33,5

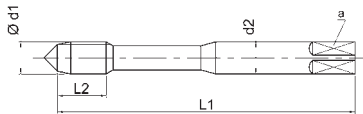
E25W...	CODICE - CODE		
	E25W...V	E25W...T	E25W...XP
*	*	*	*
*	*	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*



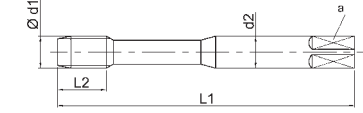
**N** USO GENERALE  
General purpose

**MASCHI A MACCHINA** MACHINE TAPS

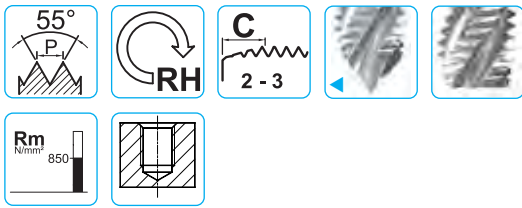
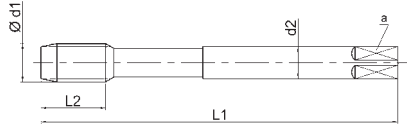
DIN 371



DIN 371



DIN 376



Profondità di filettatura - Thread depth	2,5xD
Materiale - Material	HSSE
Tolleranza - Tolerance	med.
Trattamento superficiale - Surface treatment	BR
Numero gruppi materiali - Material's groups number	1.1 1.2 1.3 1.4

2,5xD	2,5xD	2,5xD	2,5xD
HSSE	HSSE	HSSE	HSSE
med.	med.	med.	med.
BR	V	TiN	XP
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	3.3 3.4	2.1 2.2 3.3 3.4
5.1 5.2	5.1 5.2	4.1 4.2 4.3	4.2 4.3
		5.1 5.2	5.2

DIN 371	Ød1 BSW	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Icona
◀	1/8	40	3,175	56	5	3,5	2,7	3	2,5
◀	3/16	24	4,762	70	8	6	4,9	3	3,6
◀	1/4	20	6,350	80	10	7	5,5	3	5
	5/16	18	7,938	90	13	8	6,2	3	6,5
	3/8	16	9,525	100	15	10	8	3	7,9

CODICE - CODE			
E60W...	E60W...V	E60W...T	E60W...XP
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*

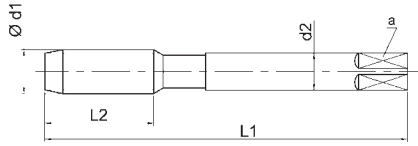
DIN 376	Ød1 BSW	P TPI	Ø mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Icona
	5/16	18	7,938	90	13	6	4,9	3	6,5
	3/8	16	9,525	100	15	7	5,5	3	7,9
	7/16	14	11,113	100	15	8	6,2	3	9,2
	1/2	12	12,700	110	18	9	7	3	10,5
	9/16	12	14,288	110	20	11	9	3	12
	5/8	11	15,876	110	20	12	9	3	13,4
	3/4	10	19,051	125	25	14	11	4	16,4
	7/8	9	22,226	140	25	18	14,5	4	19,25
	1"	8	25,401	160	30	18	14,5	4	22
	1" 1/8	7	28,576	180	35	22	18	4	24,75
	1" 1/4	7	31,751	180	35	22	18	4	27,5
	1" 3/8	6	34,926	200	40	28	22	4	30,5
	1" 1/2	6	38,101	200	40	32	24	4	33,5

CODICE - CODE			
E61W...	E61W...V	E61W...T	E61W...XP
*	*	*	*
*	*	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
○	○	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

Confezione / Box: 1/8 - 7/16: 10 pezzi / pcs 1/2 - 5/8: 5 pezzi / pcs Oltre / up: singoli / single pcs	€ Pagina listino - Price list page	102	102	102	102
● Standard	○ Disponibilità da richiedere, prezzo a listino	○ Lead time on enquiry, standard price-list	* Solo a richiesta	* Only on request	



DIN 40432



Profondità di filettatura - Thread depth	1,5xD	1,5xD	3xD	3xD
Materiale - Material	HSSE	HSSE	HSSE	HSSE
Tolleranza - Tolerance	-	-	-	-
Trattamento superficiale - Surface treatment	BR	TiN	BR	TiN

Numero gruppi materiali  
Material's groups number

C 2-3

1,5xD  
HSSE  
-  
BR  
1.1 1.2 1.3 1.4 3.4  
4.2 4.3 5.2 5.3  
8.2

C 2-3

1,5xD  
HSSE  
-  
TiN  
1.1 1.2 1.3 1.4 3.4  
4.2 4.3 5.2 5.3  
8.2

B 4-5

3xD  
HSSE  
-  
BR  
1.1 1.2 1.3 1.4  
4.1 4.2  
5.1 5.2

B 4-5

3xD  
HSSE  
-  
TiN  
1.1 1.2 1.3 1.4  
3.3 3.4  
4.1 4.2 4.3  
5.1 5.2

DIN 40432	Ø mm	P TPI	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	Ø
PG 7	12,5	20	70	20	9	7	3	11,4
PG 9	15,20	18	70	20	12	9	4	14
PG 11	18,60	18	80	22	14	11	4	17,25
PG 13,5	20,40	18	80	22	16	12	4	19
PG 16	22,50	18	80	22	18	14,5	4	21,25
PG 21	28,30	16	90	22	22	18	4	27
PG *21	28,30	16	90	22	20	16	4	27
PG 29	37	16	100	25	28	22	6	35,5
PG 36	47	16	140	25	36	29	6	45,5
PG *36	47	16	125	32	36	29	6	45,5
PG 42	54	16	140	28	40	32	6	52,5
PG 48	59,30	16	140	36	45	35	6	58
PG *48	59,30	16	140	32	40	32	6	58

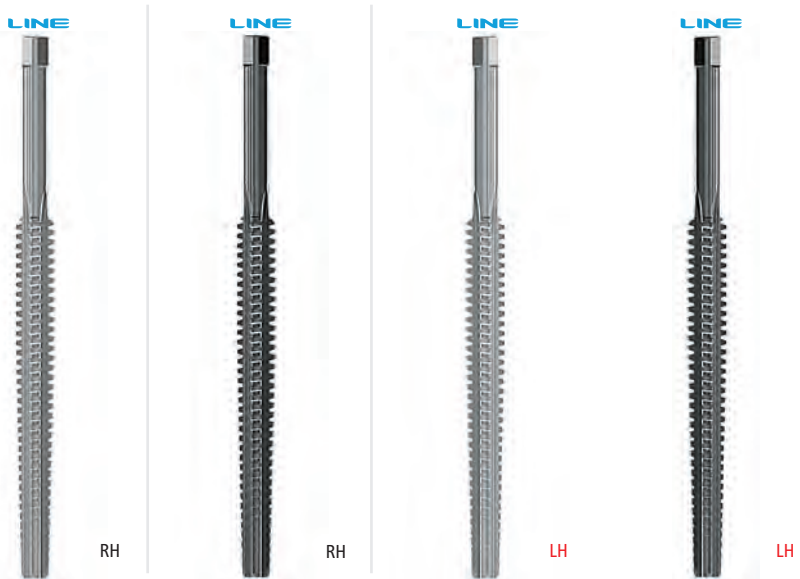
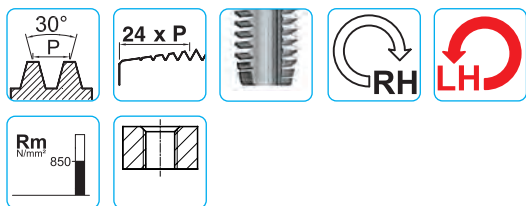
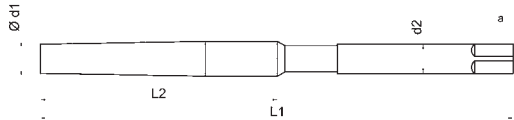
■ = Acciaio HSS / HSS Steel

\* Ad esaurimento, dimensioni secondo la vecchia edizione.  
Stock exhausted, dimensions according old edition.

CODICE - CODE			
E21PG...	E21PG...T	E25PG...	E25PG...T
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
○	*	*	*
-	-	-	-
○	*	*	*
○	*	*	*
-	-	-	-
○	*	*	*
○	*	*	*
-	-	-	-

**N** **USO GENERALE**  
General purpose

**MASCHI TRAPEZOIDALI SINGOLI** SINGLE TRAPEZOIDAL TAPS



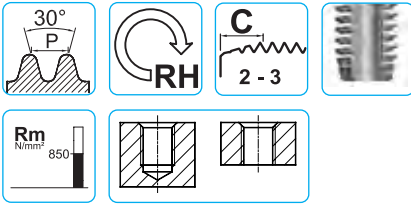
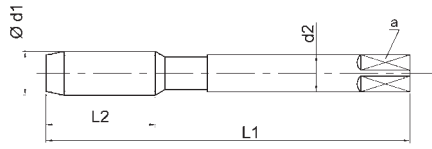
Profondità di filettatura - Thread depth	<b>2xD</b>	<b>2xD</b>	<b>2xD</b>	<b>2xD</b>
Materiale - Material	<b>HSSE</b>	<b>HSSE</b>	<b>HSSE</b>	<b>HSSE</b>
Tolleranza - Tolerance	<b>7H</b>	<b>7H</b>	<b>7H</b>	<b>7H</b>
Trattamento superficiale - Surface treatment	<b>BR</b>	<b>V</b>	<b>BR</b>	<b>V</b>
Numero gruppi materiali Material's groups number	1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.3 4.4 5.3	1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 4.3 4.4 5.1 5.2 5.3	1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.3 4.4 5.3	1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 4.3 4.4 5.1 5.2 5.3

Ød1 Tr	P mm	L	L <sub>1</sub>	d <sub>2</sub> h9	a <sub>2</sub> h12	Z	
10	2	130	70	7	5,5	3	8,2
10	3	155	95	7	5,5	3	7,5
12	2	160	95	8	6,2	3	10,2
12	3	160	95	8	6,2	3	9,25
14	3	170	100	10	8	4	11,25
14	4	210	130	10	8	4	10,5
16	4	225	130	11	9	4	12,25
18	4	225	130	12	9	4	14,25
20	4	230	130	14	11	4	16,25
22	5	270	160	16	12	4	17,25
24	5	280	160	18	14,5	4	19,25
26	5	280	160	20	16	4	21,25
28	5	290	160	22	18	4	23,25
30	6	330	190	22	18	4	24,25
32	6	330	190	25	20	4	26,25
36	6	350	200	28	22	4	30,25

A richiesta / On request:  
TR-F

E21TPN...	CODICE - CODE		
	E21TPN...V	E21TPN...LH	E21TPN...LH-V
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★
○	○	○	★

### MASCHI A FILETTATURA TONDA ROUND THREAD TAPS

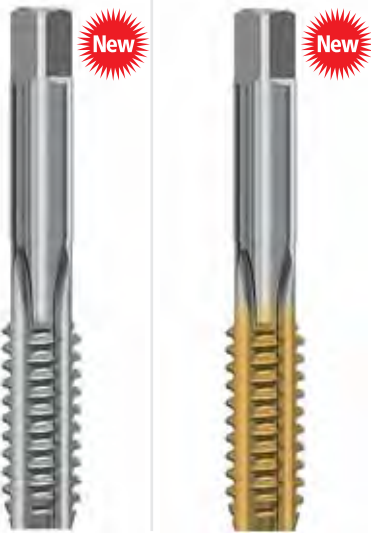


LINE

**New**

LINE

**New**



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number

1xD	1xD
HSSE	HSSE
7H	7H
BR	TiN
1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	3.1 3.2 3.3 3.4
5.1 5.2	4.2 4.3 4.4
	5.2 5.3

Ød1 Rd	P TPI	L	L <sub>1</sub>	d <sub>2</sub> h <sub>9</sub>	a <sub>2</sub> h <sub>12</sub>	Z	
8	10	70	22	8	6,2	3	6
9	10	70	22	8	6,2	3	7
10	10	70	22	8	6,2	3	8
11	10	70	22	8	6,2	3	9
12	10	75	25	9	7	3	10
14	8	80	26	11	9	3	11,5
16	8	80	27	12	9	3	13,5
18	8	95	32	14	11	4	15,5
20	8	95	32	16	12	4	17,5
22	8	100	32	18	14,5	4	19,5
24	8	110	36	18	14,5	4	21,5
26	8	110	36	20	16	4	23,5
28	8	125	34	22	18	4	25,5
30	8	125	34	22	18	4	27,5

Altri diametri disponibili a richiesta.  
 Other diameters available on request.

A richiesta:  
 Filettatura tonda per il settore minerario DIN 20400  
 Filettatura tonda per il settore del trasporto su rotaia DIN 264  
 On request:  
 Round thread for mining industries DIN 20400  
 Round thread for rail vehicles DIN 264

CODICE - CODE	
E21RD...	E21RD...T
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*
*	*

Rd

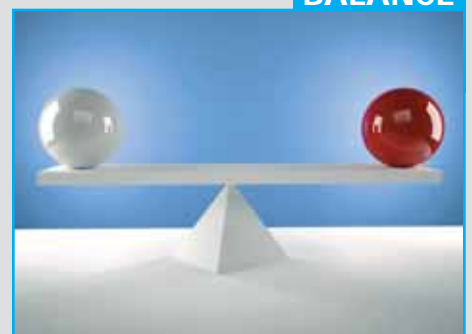
# ISO529-EG M-KOMBI



ISO529 EGM KOMBI

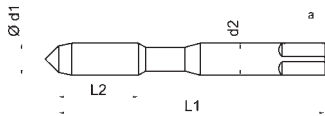
Il prezzo è importante... e lo sappiamo!  
*The price is important... and we know it!*

**BALANCE**

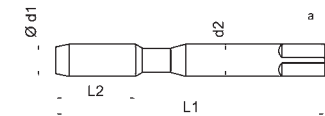


## MASCHI A MACCHINA MACHINE TAPS

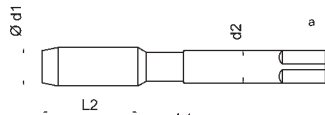
ISO 529



ISO 529



ISO 529



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Al Si > 10%,  
Ottone / Brass  
Bronzo / and Bronze  
a truciolo corto / with short chip

Numero gruppi materiali  
Material's groups number

3XD	3xD
HSSE	PM3
6HX	6HX
NS	TXC
3.1 3.2 3.3 3.4 3.5	1.5 1.6
4.3 4.4 4.5 4.6 5.3	3.1 3.2 3.3 3.4 3.5
8.2 10.1	4.4 5.3 5.4
	8.2 8.3 10.1

ISO 529	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	48	11	3,15	2,5	3	2,5
◀	4	0,7	53	13	4	3,15	3	3,3
◀	5	0,8	58	16	5	4	3	4,2
◀	6	1	66	19	6,3	5	3	5
◀	6	1	66	19	6,3	5	4	5
	8	1,25	72	22	8	6,3	4	6,8
	10	1,5	80	24	10	8	4	8,5
	12	1,75	89	29	9	7,1	4	10,30
	14	2	95	30	11,2	9	4	12
	16	2	102	32	12,5	10	4	14
	18	2,5	112	37	14	11,20	4	15,5
	20	2,5	112	37	14	11,20	4	17,5

CODICE - CODE	
529E26M...NS	*529K26M...TXC
*	*
*	*
o	*
o	-
-	*
o	*
o	*
o	*
o	*
o	*
*	-
*	-

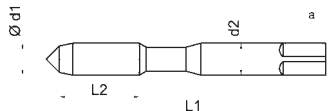
ISO529



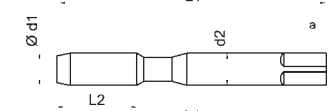
**N** USO GENERALE  
General purpose

MASCHI A MACCHINA MACHINE TAPS

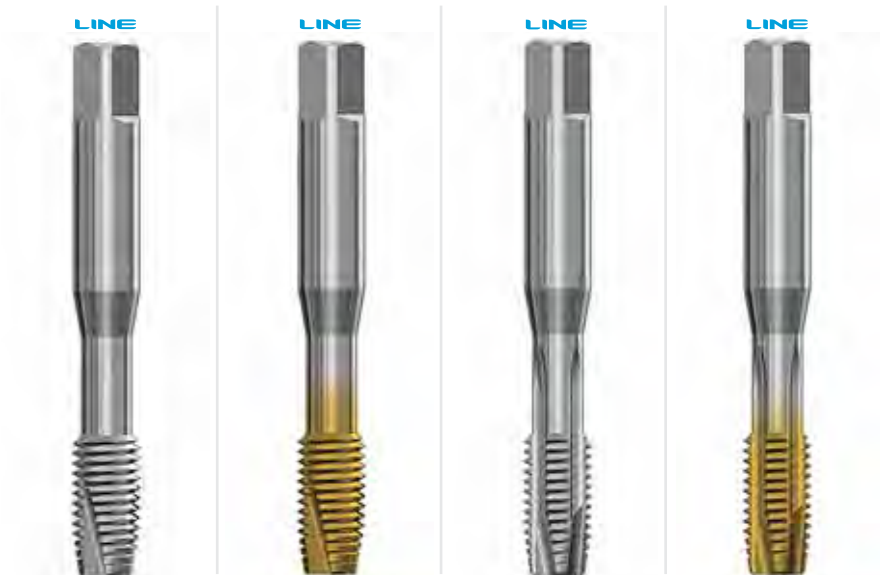
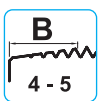
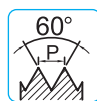
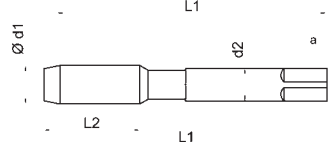
ISO 529



ISO 529



ISO 529



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

1xD	1xD	3xD	3xD
HSSE	HSSE	HSSE	HSSE
ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
BR	TiN	BR	TiN
1.1 1.2 1.3	1.1 1.2 1.3	1.1 1.2 1.3 1.4	1.1 1.2 1.3 1.4
4.1 4.2	4.1 4.2	4.1 4.2	3.3 3.4
5.1 5.2	5.1 5.2	5.1 5.2	4.1 4.2 4.3
			5.1 5.2

Numero gruppi materiali  
Material's groups number

DIN 529	Ød1 M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h <sub>9</sub>	a h <sub>12</sub>	Z	Z	
◀	3	0,5	48	11	3,15	2,5	2	2,5	
◀	3,5	0,6	50	13	3,55	2,8	2	2,9	
◀	4	0,7	53	13	4	3,15	3	3,3	
◀	5	0,8	58	16	5	4	3	4,2	
◀	6	1	66	19	6,3	5	3	5	
	8	1,25	72	22	8	6,3	3	6,8	
	10	1,5	80	24	10	8	3	8,5	
	12	1,75	89	29	9	7,1	3	10,30	
◀	3	0,5	48	11	3,15	2,5	3	2,5	
◀	4	0,7	53	13	4	3,15	3	3,3	
◀	5	0,8	58	16	5	4	3	4,2	
◀	6	1	66	19	6,3	5	3	5	
	8	1,25	72	22	8	6,3	3	6,8	
	10	1,5	80	24	10	8	3	8,5	
	12	1,75	89	29	9	7,1	3	10,30	
	14	2	95	30	11,2	9	3	12	
	16	2	102	32	12,5	10	3	14	
	18	2,5	112	37	14	11,20	4	15,5	
	20	2,5	112	37	14	11,20	4	17,5	

CODICE - CODE			
529E18M...	529E18M...T	529E24M...	529E24M...T
*	*		
*	*		
*	*		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
○	○		
-	-	*	*
-	-	*	*
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○
-	-	*	*
-	-	*	*



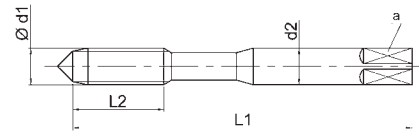


# EG M

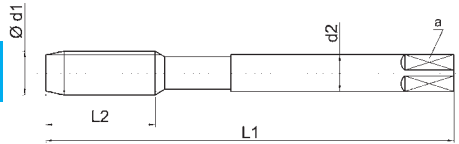


## MASCHI A MACCHINA MACHINE TAPS

DIN 40435



DIN 40435



LINE



LINE



Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5XD

1,5xD

HSSE

HSSE

6H mod

6H mod

BR

TiN

1.1 1.2 1.3 1.4 3.4

1.1 1.2 1.3 1.4 3.4

4.2 4.3 5.2 5.3

4.2 4.3 5.2 5.3

8.2

8.2

DIN 40435	EG M	P mm	Ød1	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	3,65	63	13	4,5	3,4	3	3,15	
4	0,7	4,91	70	13	6	4,9	3	4,20	
5	0,8	6,04	80	16	6	4,9	3	5,25	
6	1	7,3	90	18	8	6,2	3	6,30	
8	1,25	9,624	100	20	10	8	3	8,40	

CODICE - CODE	
E20EGM...	E20EGM...T
○	○
○	○
○	○
○	○
○	○

DIN 40435	EG M	P mm	Ød1	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
10	1,5	11,948	100	22	9	7	3	10,5	
12	1,75	14,274	110	28	11	9	3	12,5	
14	2	16,598	110	28	12	9	3	14,5	
16	2	18,598	125	33	14	11	4	16,5	
18	2,5	21,248	140	33	18	14,5	4	18,75	
20	2,5	23,248	160	39	18	14,5	4	20,75	

CODICE - CODE	
E21EGM...	E21EGM...T
○	○
○	○
○	○
○	○
★	★
★	★

Confezione / Box:

M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

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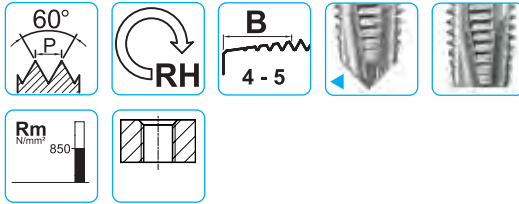
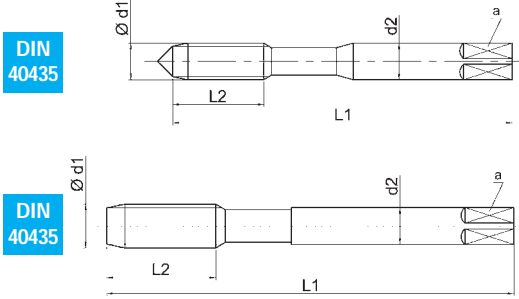
● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request

**N** **USO GENERALE**  
 General purpose

**MASCHI A MACCHINA MACHINE TAPS**



Profondità di filettatura - Thread depth  
 Materiale - Material  
 Tolleranza - Tolerance  
 Trattamento superficiale - Surface treatment

Numero gruppi materiali  
 Material's groups number



DIN 40435	EG M	P mm	Ød1	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
3	0,5	3,65	63	13	4,5	3,4	3	3,15	
4	0,7	4,91	70	13	6	4,9	3	4,20	
5	0,8	6,04	80	16	6	4,9	3	5,25	
6	1	7,3	90	18	8	6,2	3	6,30	
8	1,25	9,624	100	20	10	8	3	8,40	

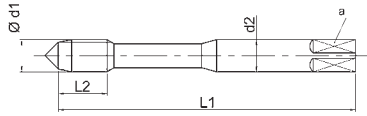
CODICE - CODE	
E24EGM...	E24EGM...XP
○	○
○	○
○	○
○	○
○	○

DIN 40435	EG M	P mm	Ød1	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
10	1,5	11,948	100	22	9	7	3	10,5	
12	1,75	14,274	110	28	11	9	3	12,5	
14	2	16,598	110	28	12	9	3	14,5	
16	2	18,598	125	33	14	11	4	16,5	
18	2,5	21,248	140	33	18	14,5	4	18,75	
20	2,5	23,248	160	39	18	14,5	4	20,75	

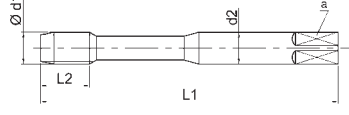
CODICE - CODE	
E25EGM...	E25EGM...XP
○	○
○	○
○	○
○	○
★	★
★	★

## MASCHI A MACCHINA MACHINE TAPS

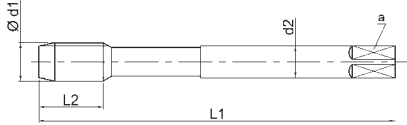
DIN 40435



DIN 40435



DIN 40435



LINE



R40°

LINE



R40°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

2,5xD

2,5xD

HSSE

HSSE

6H mod

6H mod

BR

XP

1.1 1.2 1.3 1.4

1.1 1.2 1.3 1.4

4.1 4.2

2.1 2.2 3.3 3.4

5.1 5.2

4.2 4.3

5.2

DIN 40435	EGM	P mm	Ød1	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
◀	3	0,5	3,65	63	7	4,5	3,4	3	3,15
◀	4	0,7	4,91	70	8	6	4,9	3	4,20
◀	5	0,8	6,04	80	10	6	4,9	3	5,25
	6	1	7,3	90	13	8	6,2	3	6,30
	8	1,25	9,624	100	15	10	8	3	8,40

CODICE - CODE	
E60EGM...	E60EGM...XP
○	○
○	○
○	○
○	○
○	○

DIN 40435	EGM	P mm	Ød1	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	Z	
	10	1,5	11,948	100	13	9	7	3	10,5
	12	1,75	14,274	110	20	11	9	3	12,5
	14	2	16,598	110	20	12	9	3	14,5
	16	2	18,598	125	25	14	11	4	16,5
	18	2,5	21,248	140	25	18	14,5	4	18,75
	20	2,5	23,248	160	30	18	14,5	4	20,75

CODICE - CODE	
E61EGM...	E61EGM...XP
○	○
○	○
○	○
○	○
★	★
★	★

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

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● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

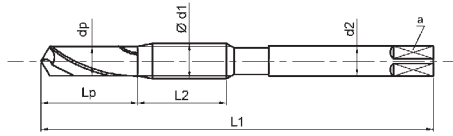
★ Solo a richiesta  
★ Only on request

# KOMBI





UFS  
norm



LINE



R30°

LINE



R30°

LINE



AL  
R30°

LINE



AL  
R30°

Profondità di filettatura - Thread depth

Materiale - Material

Tolleranza - Tolerance

Trattamento superficiale - Surface treatment

Numero gruppi materiali  
Material's groups number

1,5xD

HSSE

ISO2/6H

BR

1.1 1.2 1.3 1.4

4.3 4.2

5.2 5.3

1,5xD

HSSE

ISO2/6H

VS

1.1 1.2 1.3 1.4

3.3 3.4

4.2 4.3

5.2 5.3

1,5xD

HSSE

ISO2/6H

BR

4.1 4.2

5.1 5.2

8.1

1,5xD

HSSE

ISO2/6H

VS

4.1 4.2

5.1 5.2

8.1

UFS norm	M	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	L <sub>p</sub>	d <sub>p</sub>	Z
◀	3	0,5	66	10	3,5	2,7	10	2,5	2
◀	4	0,7	69	11	4,5	3,4	11	3,3	2
◀	5	0,8	81,5	11	6	4,9	12	4,2	2
◀	6	1	82,5	13	6	4,9	13	5	2
◀	8	1,25	101	14	6	4,9	18	6,8	4
◀	10	1,5	107	15	7	5,5	24	8,5	4
◀	12	1,75	120	17	9	7	25	10,3	4

CODICE - CODE			
EPFM...	EPFM...VS	EPFALUM...	EPFALUM...VS
○	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
●	○	○	○
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○
-	-	○	○

UFS norm	MF	P mm	L <sub>1</sub>	L <sub>2</sub>	d <sub>2</sub> h9	a h12	L <sub>p</sub>	d <sub>p</sub>	Z
◀ new	8	1	101	14	6	4,9	18	7	4
◀ new	10	1	107	15	7	5,5	24	9	4
◀ new	10	1,25	107	15	7	5,5	24	8,8	4
◀ new	12	1,5	120	17	9	7	25	10,5	4

CODICE - CODE			
EPFMF...	EPFMF...VS		
○	○		
○	○		
○	○		
○	○		

Confezione / Box:  
M3 – M10: 10 pezzi / pcs  
M12 – M16: 5 pezzi / pcs

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● Standard  
● Standard

○ Disponibilità da richiedere, prezzo a listino  
○ Lead time on enquiry, standard price-list

★ Solo a richiesta  
★ Only on request