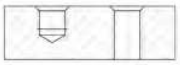
TECHNICAL CATALOGUE UFS®

31

TABELLA D'IMPIEGO

APPLICATION TABLE
TABLE D'OPÉRATION



Applicazione per foro cieco e passante
Blind and through hole application
Application pour trou borgne et débouchant

Applicazione per foro passante
Through hole application
Application pour trou débouchant

Applicazione per foro cieco
Blind hole application
Application pour trou borgne

LINE PLUS TOP

LH	Filettatura sinistra *Left hand thread - Filetage à gauche*
Ms58	Applicazione specifica per ottone Ms58 *Specific application for brass Ms58 - Spécifique pour laiton Ms58*
AZ	Alternatura del filetto *Interrupted threads - Taraud avec filets alternés*
SR	Synchro Rigid, maschiatura rigida sincronizzata *Rigid tapping Synchro - Synchro Rigide, taraudage rigide synchronisée*
XL	Maschi con gambo lungo *Taps with long shank - Tarauds série longue*
BT	Back Tapered, rastremazione posteriore a botte del filetto *Back tapered thread - Détalonnage arrière*
IT	Inox Tapered, rastremazione posteriore orizzontale del filetto *Horizontal back tapered for inox application* *INOX Tapered, détalonné conique horizontale pour application Inox*
con1:16	Maschi con filettatura conica *Taps with tapered thread - Tarauds à filetage conique*
Al	Applicazione specifica per alluminio e leghe d'alluminio *Specific application for aluminium and aluminium alloys* *Application spécifique pour l'aluminium et alliages d'aluminium*
Cu	Applicazione specifica per rame e leghe rame *Specific application for cooper and cooper alloys - Application spécifique pour le cuivre et ses alliages*
Ti	Applicazione specifica per titanio e leghe di titanio *Specific application for titanium and titanium alloys - Application spécifique pour titane et alliages de titane*
Ni	Applicazione specifica per nichel e leghe di nichel *Specific application for nickel and nikel alloys - Application spécifique pour le nickel et ses alliages*

Indicazione numero di pagina
Page number
Numéro de page

■ Utilizzo raccomandato - velocità di taglio m/min
■ *Recommended Use - cutting speed m/min*
■ *Utilisation-Recommandée - vitesse de coupe m/min*

❍ Utilizzo accettabile - velocità di taglio m/min
❍ *Acceptable Use - cutting speed m/min*
❍ *Utilisation acceptable - vitesse de coupe m/min*

Descrizione *Description - Description*		
Tipi di foro *Hole Types - Type de trous*		
CODICE - *CODE - CODE*		
Linea - *Product line - Ligne*		
Elica / NOTE *Flute Tipe / Notes - Hélice / Notes*		
M MJ	ISO2/6H	
	ISO1/4H	
	ISO3/6G	
	7G	6H+0,1
MF MJF	ISO2/6H	
	ISO1/4H	
	ISO3/6G	
	7G	6H+0,1
UNC	2B	3BX
UNF	2B	3BX
UNEF	2B	
UNS	2B	
8-12-16 UN	2B	
20-28-32 UN	2B	
G, (Rp)		
NPSM		
NPSF		
Rc		
NPT		
NPTF		
BSW		
PG, Tr, Rd		
EG-M		
Imbocco / *Chamfer / Entrée*		
Materiale / *Steel tap / Matériel*		
Rivestimenti / *Coating / Revêtements*		
Classe appl. / *Appl. Class. / Classe d'appl.*		
Prof. filett. / *Thread depth / Prof. filetage*		

1. Acciaio *Steel* *Acier*	1.1 Acciaio dolce magnetico	Magnetic soft steel	Acier doux magnétique	**HB** < 120	**Rm N/mm²** < 400
	1.2 Acciaio da costruzione, cementazione, automatico	Structural, case carburizing and free cutting steel	Acier de construction, trempé et automatique	< 200	< 700
	1.3 Acciaio al carbonio	Plain carbon steel	Acier au carbone	< 250	< 850
	1.4 Acciaio legato - Bonificato, fusioni d'acciaio	Alloyed steel - Tempered steel, steel castings	Acier allié, trempé et revenu, moulages d'acier	< 250	< 850
	1.5 Acciaio legato - Bonificato	Alloyed steel - Tempered steel	Acier allié, trempé et revenu	250÷350	850÷1200
	1.6 Acciaio legato - Alta resistenza	Alloyed steel - High strength steel	Acier allié, haute résistance	38÷45 HRC	1200÷1400
	1.7 Acciaio legato - Alta resistenza	Alloyed steel - High strength steel	Acier allié, haute résistance	45÷49 HRC	1400÷1600
	1.8 Acciaio legato - Temprato	Hardened steel	Acier trempé	49÷62 HRC	
2. Acciaio INOX *Stainless Steel* *Acier inoxydable*	2.1 Acciaio inox automatico	Free machining stainless steel	Acier inoxydable, automatique	< 250	< 850
	2.2 Austenitico	Austenitic	Austénitique	< 250	< 850
	2.3 Ferritico, Ferritico + Austenitico, Martensitico	Ferritic, Ferritic + Austenitic, Martensitic	Ferritique, austénitique + ferritiques, martensitiques	< 320	< 1100
	2.4 Leghe Cr-Ni resistenti alle alte temperature	Cr-Ni alloys high temperatures resistant	Alliage Cr-Ni résistant à des températures élevées	330÷410	1100÷1400
3. Ghisa *Cast iron* *Fonte*	3.1 Ghisa grigia lamellare	Lamellar grey cast iron	Fonte grise lamellaire	< 180	< 600
	3.2 Ghisa grigia lamellare	Lamellar grey cast iron	Fonte grise lamellaire	180÷300	600÷1000
	3.3 Ghisa sferoidale	Nodular cast iron	Fonte ductile	< 300	< 1000
	3.4 Ghisa malleabile	Malleable cast iron	Fonte malléable	< 210	< 700
	3.5 Ghisa vermicolare a grafite compatta	Compacted cast iron with vermicular graphite	Fonte vermiculaire à graphite compacté	200÷300	700÷1000
4. Alluminio, Magnesio *Al, Mg*	4.1 Alluminio / Magnesio non legato	Aluminium / Magnesium unalloyed	Aluminium / Magnésium non allié	< 100	< 350
	4.2 Leghe di Al, Si < 0,5% - Truciolo lungo	Al alloys, Si < 0,5% - Long chipping	Alliage Al, Si <0.5% copeaux longs	< 150	< 500
	4.3 Leghe di Al, Si < 10% - Truciolo medio	Al alloys, Si < 10% - Medium chipping	Alliage Al, Si <10% copeaux moyen	< 150	< 500
	4.4 Leghe Al, Si > 10% - Truciolo corto	Al alloys, Si > 10% - Short chipping	Alliage Al, Si >10% copeaux courts	< 180	< 600
	4.5 Leghe standard di magnesio	Magnesium standard alloys	Alliages de magnésium standards		120÷300
	4.6 Leghe di magnesio ad alta resistenza	High strength magnesium alloys	Alliages de magnésium de haute résistance	70÷120	240÷400
5. Rame *Cooper* *Cuivre*	5.1 Rame puro, Rame elettrolitico - Truciolo lungo	Cooper unalloyed - Long chipping	Cuivre pur, cuivre électrolytique, copeaux longs	< 100	< 350
	5.2 Leghe di rame, α-ottone - Truciolo lungo	Cooper alloys, soft brass - Long chipping	Alliages de cuivre, α–laiton copeaux longs	< 200	< 700
	5.3 Leghe di rame, β-ottone, Bronzo - Truciolo corto	Cooper alloys, hard brass, bronze - Short chipping	Alliages de cuivre, β–laiton, bronze copeaux courts	< 200	< 700
	5.4 Bronzo ad alta resistenza	High strength bronze	Bronze haute résistance	< 440	< 1500
6. Titanio *Titanium* *Titane*	6.1 Titanio non legato	Titanium unalloyed	Titane non allié	< 200	< 700
	6.2 Leghe di titanio	Titanium alloys	Alliages de titane	< 270	< 900
	6.3 Leghe di titanio	Titanium alloys	Alliages de titane	< 410	< 1400
7. Nichel *Nickel*	7.1 Nichel non legato	Nickel unalloyed	Nickel non allié	< 150	< 500
	7.2 Leghe di Nichel	Nickel alloys	Alliages de nickel	< 270	< 900
	7.3 Leghe di Nichel	Nickel alloys	Alliages de nickel	< 470	< 1600
8. Materie plastiche *Synthetic Material* *Matériaux Plastiques*	8.1 Materiali termoplastici - Truciolo extralungo	Thermoplastics - Extra long chipping	Matériaux thermoplastique coupeaux extra-longue		< 80
	8.2 Materiali termoindurenti - Truciolo corto	Thermosetting plastics - Short chipping	Matériaux thermodurcissables coupeaux courts		< 110
	8.3 Materie plastiche con fibre di rinforzo	Reinforced plastic materials	Plastiques avec fibres de renfort	240÷440	800÷1500
9. Materiali speciali *Special materials* *Matériaux spéciaux*	9.1 Materiali metallo – Ceramici (Cermets)	TIC - Hard materials	Matériaux métalliques, céramiques (Cermet)	< 51 HRC	< 1700
	9.2 Leghe a base cobalto	Alloys on cobalt base	Alliages à base de cobalt	< 350	< 1200
	9.3 Leghe di tungsteno	Tungsten alloys	Alliages de tungstène	< 52 HRC	< 1800
10. Grafite / *Graphite*	10.1 Grafite	Graphite	Graphite		< 100

LINEE PRODOTTI
PRODUCTS LINES
GAMMES DE PRODUITS

TOP UFS

Universal | HR | INOX *Stainless steel* *Acier inoxydable* | Al-Cu-Fe | Ghisa *Cast iron* *Fonte* | Ti | Ni

SR Synchro RIGID

MDI-HR Metallo duro *Solid Carbide* *Carbure*

X-SERIES Rullare *Roll form taps* *Tarauds à refouler*

K-ROLL Rullare *Roll form taps* *Tarauds à refouler*

UFS plus

Uso generale R < 1000 N/mm², acciaio HSSP 8%Co
General purpose R < 1000 N/mm², HSSP steel 8%Co
Usage Général R < 1000 N/mm2, Acier HSSP 8% Co

UFS LINE

Linea standard HSSE, HSS
Standard line HSSE, HSS
Ligne standard HSSE, HSS

CAMPI APPLICATIVI

APPLICATION FIELD
DOMAINES D'APPLICATION

N	USO GENERALE *General purpose - Usage Général*
N	USO GENERALE R ≤ 1000N/mm² *General purpose R ≤ 1000N/mm² - Usage Général R ≤ 1000N/mm²*
U	APPLICAZIONI UNIVERSALI R ≤ 1200 N/mm² *Universal Applications R ≤ 1200 N/mm² - Applications universelles R ≤ 1200 N/mm²*
HR	ALTA RESISTENZA *High Resistance - Haute Résistance*
INOX	ACCIAIO INOSSIDABILE *Stainless steel - Acier inoxydable*
GG	GHISA *Cast Iron - Fonte*
Al-Cu-Fe	ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm² *Aluminium, Cooper, Steel R ≤ 700 N/mm² - Aluminium, cuivre, acier R ≤ 700 N/mm²*
OT	OTTONE E BRONZO *Brass and Bronze - Laiton et Bronze*
Ti	TITANIO *Titanium - Titane*
Ni	NICHEL *Nickel - Nickel*
SYNCHRO RIGID	MASCHIATURA RIGIDA SINCRONIZZATA *Rigid Tapping Synchro - Taraudage rigide synchronisé*
MDI-HR	METALLO DURO INTEGRALE - ALTA RESISTENZA *Solid carbide, high resistance - Carbure, haute résistance*
K-ROLL	MASCHI A RULLARE *Roll form taps - Tarauds à refouler*
P - SERIES	MASCHI A RULLARE *Roll form taps - Tarauds à refouler*
X - SERIES	MASCHI A RULLARE *Roll form taps - Tarauds à refouler*
MDI -SERIES	MASCHI A RULLARE *Roll form taps - Tarauds à refouler*

NEWS

Running to the Top

Nuovi maschi a macchina in HSSE, per filettatura cieca, profonda fino a 3xD

New machine taps HSSE steel, for deep threading until 3XD

Tarauds nouveaux en HSSE pour filetage dans les trous borgnes jusqu'à 3xD

Caratteristiche

Features - Caractéristiques

Acciai 1.1 - 1.2 - 1.3 - 1.4 - 2.1 - 2.2
Steels - Aciers

Nuova geometria di elica
New helix geometry - Nouvelle géométrie hélice

Cura del cutting edge che stabilizza il prodotto
New cutting edge for better performance
Nouveau tranchant pour de meilleures performances

Rastremazione posteriore
Back tapered - Conicité arrière

Utilizzo sia in maschiatura rigida che compensata
Standard and rigid tapping - Taraudage normal et rigide

Grandi vantaggi

Big Advantages - Gros avantages

Favorita la fuoriuscita del truciolo, senza matassa
Excellent chip removal without sticking
Enlèvement de copeaux excessif, sans écheveau

Riduzione fermi macchina
Downtime reduction - Réduction des temps d'arrêt

Incremento durata dell'utensile
Increased tool's life
Augmentation de la durée de vie de l'outil

Miglior qualità di filetto ottenuto
Better thread surface quality
Meilleure qualité de filet obtenu

M

Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

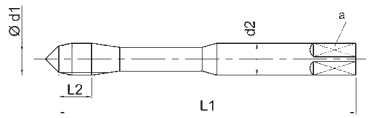
Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer
Filetage métrique ISO DIN 13 – Tarauds machine
Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

N — USO GENERALE
General purpose - Usage Général

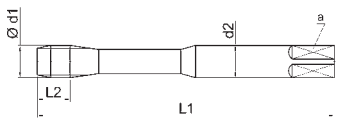
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

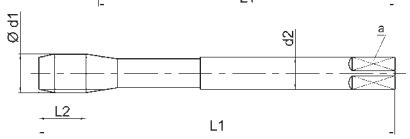
DIN 371

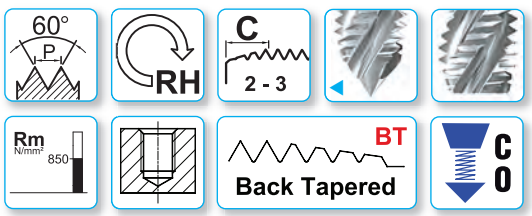


DIN 371



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	6HX	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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
	4.2	2.1 2.2	4.3
	5.1 5.2		5.2

DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E92M…	E92M…V	E92M…T
◀	**3**	**0,5**	56	5	3,5	2,7	3	2,5	E92M3	E92M3V	E92M3T
◀	**4**	**0,7**	63	7	4,5	3,4	3	3,3	E92M4	E92M4V	E92M4T
◀	**5**	**0,8**	70	8	6	4,9	3	4,2	E92M5	E92M5V	E92M5T
◀	**6**	**1**	80	10	6	4,9	3	5	E92M6	E92M6V	E92M6T
	8	**1,25**	90	13	8	6,2	3	6,8	E92M8	E92M8V	E92M8T
	10	**1,5**	100	15	10	8	3	8,5	E92M10	E92M10V	E92M10T

DIN 376	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E93M…	E93M…V	E93M…T
	12	**1,75**	110	18	9	7	3	10,3	E93M12	E93M12V	E93M12T
	14	**2**	110	20	11	9	3	12	E93M14	E93M14V	E93M14T
	16	**2**	110	20	12	9	4	14	E93M16	E93M16V	E93M16T
	18	**2,5**	125	25	14	11	4	15,5	E93M18	E93M18V	E93M18T
	20	**2,5**	140	25	16	12	4	17,5	E93M20	E93M20V	E93M20T
	22	**2,5**	140	25	18	14,5	4	19,5	E93M22	E93M22V	E93M22T
	24	**3**	160	30	18	14,5	4	21	E93M24	E93M24V	E93M24T

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

M

Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

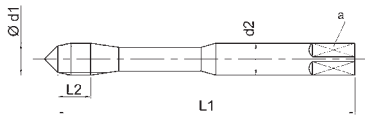
Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer
Filetage métrique ISO DIN 13 – Tarauds machine
Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

N — USO GENERALE
General purpose - Usage Général

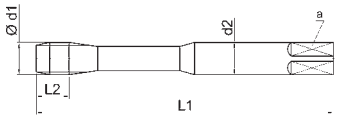
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

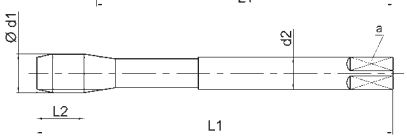
DIN 371

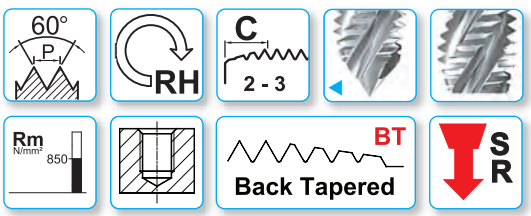


DIN 371



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	6HX	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	TiN	TXC	TiN
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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
	4.3	2.1 2.2 2.3	4.3
	5.2		5.2

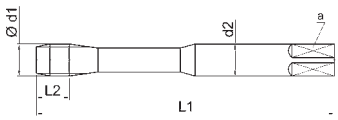
DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E94M…T	E94M…TXC	E94M…FOR-T
◀	3	0,5	56	5	3,5	2,7	3	2,5	E94M3T	E94M3TXC	-
◀	4	0,7	63	7	4,5	3,4	3	3,3	E94M4T	E94M4TXC	-
◀	5	0,8	70	8	6	4,9	3	4,2	E94M5T	E94M5TXC	-
◀	6	1	80	10	6	4,9	3	5	E94M6T	E94M6TXC	E94M6FOR-T
	8	1,25	90	13	8	6,2	3	6,8	E94M8T	E94M8TXC	E94M8FOR-T
	10	1,5	100	15	10	8	3	8,5	E94M10T	E94M10TXC	E94M10FOR-T

DIN 376	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E95M…T	E95M…TXC	E95M…FOR-T
	12	1,75	110	18	9	7	3	10,3	E95M12T	E95M12TXC	E95M12FOR-T
	14	2	110	20	11	9	3	12	E95M14T	E95M14TXC	E95M14FOR-T
	16	2	110	20	12	9	4	14	E95M16T	E95M16TXC	E95M16FOR-T
	18	2,5	125	25	14	11	4	15,5	E95M18T	E95M18TXC	E95M18FOR-T
	20	2,5	140	25	16	12	4	17,5	E95M20T	E95M20TXC	E95M20FOR-T
	22	2,5	140	25	18	14,5	4	19,5	E95M22T	E95M22TXC	E95M22FOR-T
	24	3	160	30	18	14,5	4	21	E95M24T	E95M24TXC	E95M24FOR-T

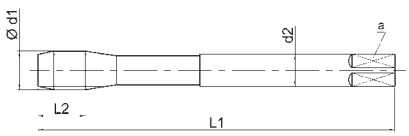
Per filettatura rigida
Syncro rigid threading
Pour le taraudage rigide

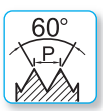
Confezione / *Box* / *Colis:*
M3 – M10: 10 pezzi / *pcs*
M12 – M16: 5 pezzi / *pcs*

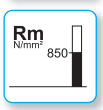
DIN 371

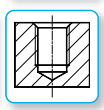


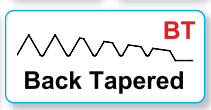
DIN 376

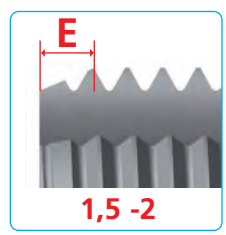












Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD
Materiale - *Material - Matériau*	HSSE
Tolleranza - *Tolerance - Tolérance*	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	1.1 1.2 1.3 1.4 1.5 / 2.1 2.2 2.3

DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E94EM…TXC
	3	**0,5**	56	5	3,5	2,7	3	2,5	E94EM3TXC
	4	**0,7**	63	7	4,5	3,4	3	3,3	E94EM4TXC
	5	**0,8**	70	8	6	4,9	3	4,2	E94EM5TXC
	6	**1**	80	10	6	4,9	3	5	E94EM6TXC
	8	**1,25**	90	13	8	6,2	3	6,8	E94EM8TXC
	10	**1,5**	100	15	10	8	3	8,5	E94EM10TXC

DIN 376	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E95EM…TXC
	12	**1,75**	110	18	9	7	3	10,3	E95EM12TXC
	14	**2**	110	20	11	9	3	12	E95EM14TXC
	16	**2**	110	20	12	9	4	14	E95EM16TXC

Per filettatura rigida
Syncro rigid threading
Pour le taraudage rigide

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

MF

Filettatura metrica ISO passo fine DIN 13

ISO metric fine thread DIN13

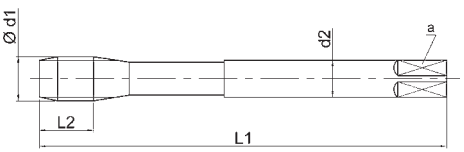
Metrisches ISO-Feingewinde DIN 13 – Maschinengewindebohrer
Filetage métrique ISO à pas fin DIN 13 – Tarauds machine
Rosca ISO métrica fina DIN 13 – Machos de roscar a máquina

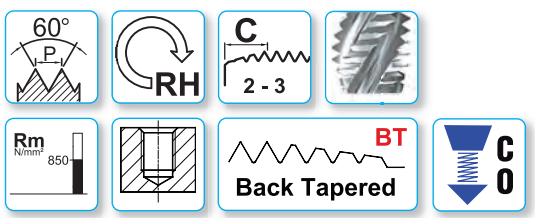
N — USO GENERALE
General purpose - Usage Général

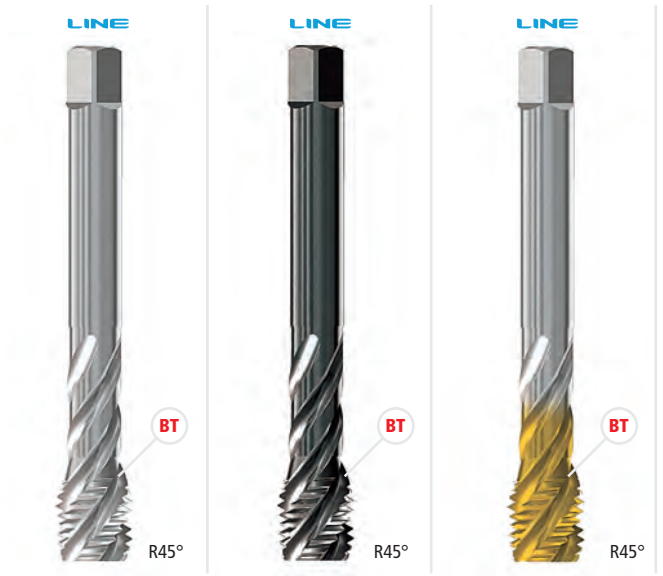
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

DIN 374







Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	6HX	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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	2.1 2.2	4.3
	5.1 5.2		5.2

DIN 374	Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E93MF…	E93MF…V	E93MF…T
	8	**1**	90	13	6	4,9	3	7	E93MF8x1	E93MF8x1V	E93MF8x1T
	10	**1**	90	15	7	5,5	3	9	E93MF10x1	E93MF10x1V	E93MF10x1T
	10	**1,25**	100	15	7	5,5	3	8,75	E93MF10x1,25	E93MF10x1,25V	E93MF10x1,25T
	12	**1**	100	13	9	7	3	11	E93MF12x1	E93MF12x1V	E93MF12x1T
	12	**1,25**	100	13	9	7	3	10,75	E93MF12x1,25	E93MF12x1,25V	E93MF12x1,25T
	12	**1,5**	100	13	9	7	3	10,5	E93MF12x1,5	E93MF12x1,5V	E93MF12x1,5T
	14	**1,5**	100	15	11	9	4	12,5	E93MF14x1,5	E93MF14x1,5V	E93MF14x1,5T
	16	**1,5**	100	15	12	9	4	14,5	E93MF16x1,5	E93MF16x1,5V	E93MF16x1,5T
	18	**1,5**	110	17	14	11	4	16,5	E93MF18x1,5	E93MF18x1,5V	E93MF18x1,5T
	20	**1,5**	125	17	16	12	4	18,5	E93MF20x1,5	E93MF20x1,5V	E93MF20x1,5T
new	**22**	**1,5**	125	18	18	14,5	4	20,5	E93MF22x1,5	E93MF22x1,5V	E93MF22x1,5T
new	**24**	**1,5**	140	20	18	14,5	4	22,5	E93MF24x1,5	E93MF24x1,5V	E93MF24x1,5T

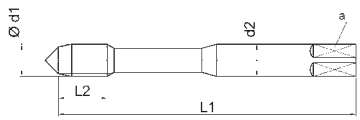
Confezione / *Box / Colis:*
M3 – M10: 10 pezzi / *pcs*
M12 – M16: 5 pezzi / *pcs*

K-ROLL

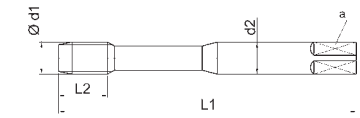
MASCHI A RULLARE
Roll form taps - Tarauds à refouler

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

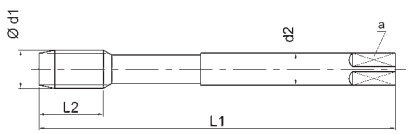
DIN 371

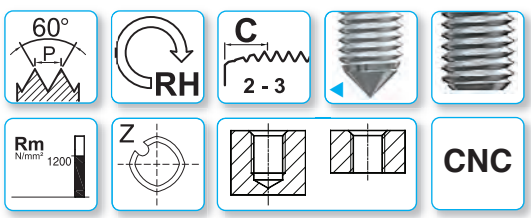


DIN 371



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	PM8	PM8
Tolleranza - *Tolerance - Tolérance*	6HX	6GX
Trattamento superficiale - *Surface treatment - Revêtement*	TiN-G	TiN-G
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.3 1.4 1.5	1.3 1.4 1.5
	2.2 2.3 2.4	2.2 2.3 2.4

DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCM…TG	K3CCM…TG
◀	**3**	**0,5**	56	5	3,5	2,7	4	2,80	K2CCM3TG	K3CCM3TG
◀	**4**	**0,7**	63	7	4,5	3,4	4	3,70	K2CCM4TG	K3CCM4TG
◀	**5**	**0,8**	70	8	6	4,9	5	4,65	K2CCM5TG	K3CCM5TG
	6	**1**	80	10	6	4,9	5	5,55	K2CCM6TG	K3CCM6TG
	8	**1,25**	90	13	8	6,2	5	7,40	K2CCM8TG	K3CCM8TG
	10	**1,5**	100	15	10	8	8	9,30	K2CCM10TG	K3CCM10TG

DIN 376	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCM…TG	K3CCM…TG
	12	**1,75**	110	18	9	7	8	11,20	K2CCM12TG	K3CCM12TG
	14	**2**	110	20	11	9	8	13,10	K2CCM14TG	K3CCM14TG
	16	**2**	110	20	12	9	8	15,10	K2CCM16TG	K3CCM16TG

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

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

K-ROLL

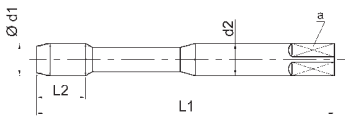
MASCHI A RULLARE

Roll form taps - Tarauds à refouler

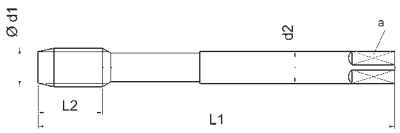
MASCHI A MACCHINA

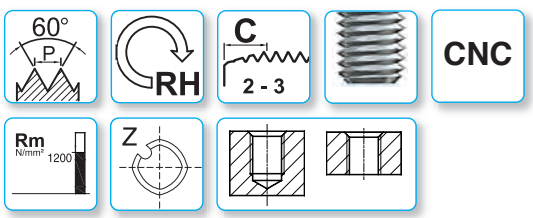
MACHINE TAPS - TARAUDS MACHINE

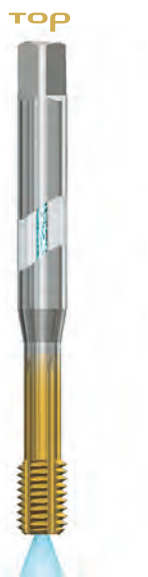
DIN 371

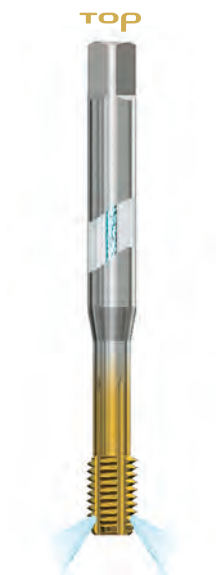


DIN 376









Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	PM8	PM8
Tolleranza - *Tolerance - Tolérance*	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	TiN-G	TiN-G
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.3 1.4 1.5	1.3 1.4 1.5
	2.2 2.3 2.4	2.2 2.3 2.4

DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCM...FOR-TG	K2CCM...FORY-TG
	6	**1**	80	10	6	4,9	5	5,55	K2CCM6FOR-TG	K2CCM6FORY-TG
	8	**1,25**	90	13	8	6,2	5	7,40	K2CCM8FOR-TG	K2CCM8FORY-TG
	10	**1,5**	100	15	10	8	8	9,30	K2CCM10FOR-TG	K2CCM10FORY-TG

DIN 376	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCM...FOR-TG	K2CCM...FORY-TG
	12	**1,75**	110	18	9	7	8	11,20	K2CCM12FOR-TG	K2CCM12FORY-TG
	14	**2**	110	20	11	9	8	13,10	K2CCM14FOR-TG	K2CCM14FORY-TG
	16	**2**	110	20	12	9	8	15,10	K2CCM16FOR-TG	K2CCM16FORY-TG

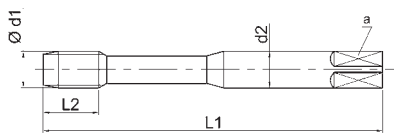
Confezione / *Box* / *Colis:*
M3 – M10: 10 pezzi / *pcs*
M12 – M16: 5 pezzi / *pcs*

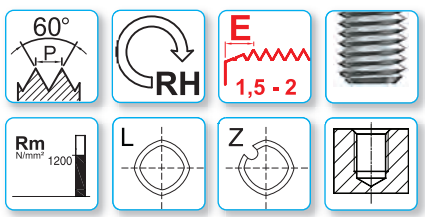
K-ROLL

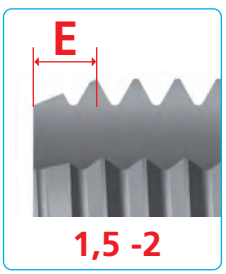
MASCHI A RULLARE
Roll form taps - Tarauds à refouler

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

DIN 371







Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	PM8	PM8
Tolleranza - *Tolerance - Tolérance*	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	TiN-G	TiN-G
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.3 1.4 1.5	1.3 1.4 1.5
	2.2 2.3 2.4	2.2 2.3 2.4

DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCEM...TG	K2CCEM...FOR-TG
	6	**1**	80	10	6	4,9	5	5,55	K2CCEM6TG	K2CCEM6FOR-TG
	8	**1,25**	90	13	8	6,2	5	7,40	K2CCEM8TG	K2CCEM8FOR-TG
	10	**1,5**	100	15	10	8	8	9,30	K2CCEM10TG	K2CCEM10FOR-TG

Confezione / *Box* / *Colis:*
M3 – M10: 10 pezzi / *pcs*

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 roscar a máquina

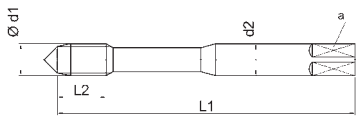
K-ROLL

MASCHI A RULLARE
Roll form taps - Tarauds à refouler

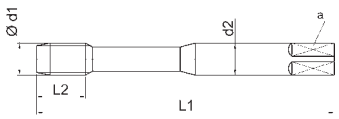
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

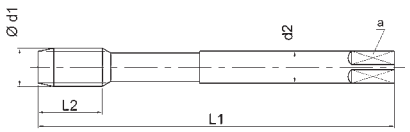
DIN 371

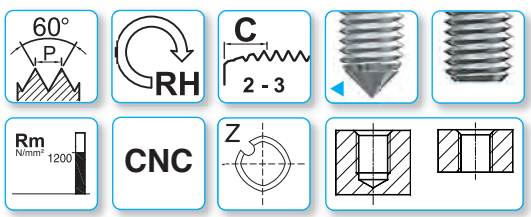


DIN 371



DIN 374





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	PM8	PM8
Tolleranza - *Tolerance - Tolérance*	6HX	6GX
Trattamento superficiale - *Surface treatment - Revêtement*	TiN-G	TiN-G
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.3 1.4 / 1.5 / 2.2 2.3 2.4	1.3 1.4 / 1.5 / 2.2 2.3 2.4

DIN 371	Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCMF...TG	K3CCMF...TG
◄	**4**	**0,5**	63	7	4,5	3,4	4	3,75	K2CCMF4x0,5TG	K3CCMF4x0,5TG
◄	**5**	**0,5**	70	8	6	4,9	5	4,75	K2CCMF5x0,5TG	K3CCMF5x0,5TG
	6	**0,75**	80	10	6	4,9	5	5,65	K2CCMF6x0,75TG	K3CCMF6x0,75TG
	8	**1**	90	13	8	6,2	5	7,55	K2CCMF8x1TG	K3CCMF8x1TG
	10	**1**	90	10	10	8	8	9,55	K2CCMF10x1TG	K3CCMF10x1TG
	10	**1,25**	100	15	10	8	8	9,45	K2CCMF10x1,25TG	K3CCMF10x1,25TG

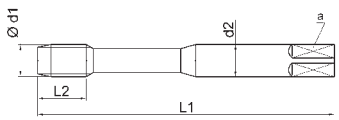
DIN 374	Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCMF...TG	K3CCMF...TG
	12	**1**	100	15	9	7	8	11,55	K2CCMF12x1TG	K3CCMF12x1TG
	12	**1,25**	100	15	9	7	8	11,45	K2CCMF12x1,25TG	K3CCMF12x1,25TG
	12	**1,5**	100	15	9	7	8	11,30	K2CCMF12x1,5TG	K3CCMF12x1,5TG
	14	**1,25**	100	15	11	9	8	13,45	K2CCMF14x1,25TG	K3CCMF14x1,25TG
	14	**1,5**	100	15	11	9	8	13,30	K2CCMF14x1,5TG	K3CCMF14x1,5TG
	16	**1,5**	100	15	12	9	8	15,30	K2CCMF16x1,5TG	K3CCMF16x1,5TG

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

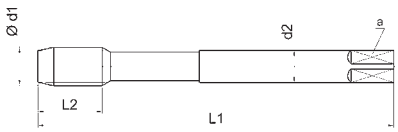
K-ROLL

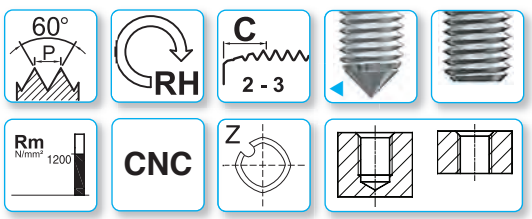
MASCHI A RULLARE
Roll form taps - Tarauds à refouler

DIN 371



DIN 374





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	PM8	PM8
Tolleranza - *Tolerance - Tolérance*	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	TiN-G	TiN-G
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.3 1.4 1.5	1.3 1.4 1.5
	2.2 2.3 2.4	2.2 2.3 2.4

DIN 371	Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCMF...FOR-TG	K2CCMF...FORY-TG
	8	**1**	90	13	8	6,2	5	7,55	K2CCMF8x1FOR-TG	K2CCMF8x1FORY-TG
	10	**1**	90	10	10	8	8	9,55	K2CCMF10x1FOR-TG	K2CCMF10x1FORY-TG
	10	**1,25**	100	15	10	8	8	9,45	K2CCMF10x1,25FOR-TG	K2CCMF10x1,25FORY-TG

DIN 374	Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCMF...FOR-TG	K2CCMF...FORY-TG
	12	**1**	100	15	9	7	8	11,55	K2CCMF12x1FOR-TG	K2CCMF12x1FORY-TG
	12	**1,25**	100	15	9	7	8	11,45	K2CCMF12x1,25FOR-TG	K2CCMF12x1,25FORY-TG
	12	**1,5**	100	15	9	7	8	11,30	K2CCMF12x1,5FOR-TG	K2CCMF12x1,5FORY-TG
	14	**1,5**	100	15	11	9	8	13,30	K2CCMF14x1,5FOR-TG	K2CCMF14x1,5FORY-TG
	16	**1,5**	100	15	12	9	8	15,30	K2CCMF16x1,5FOR-TG	K2CCMF16x1,5FORY-TG

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

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 roscar a máquina

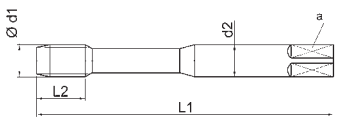
K-ROLL

MASCHI A RULLARE
Roll form taps - Tarauds à refouler

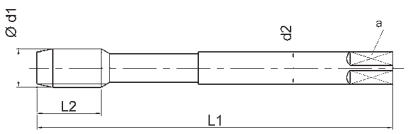
MASCHI A MACCHINA

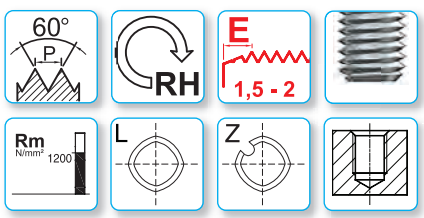
MACHINE TAPS - TARAUDS MACHINE

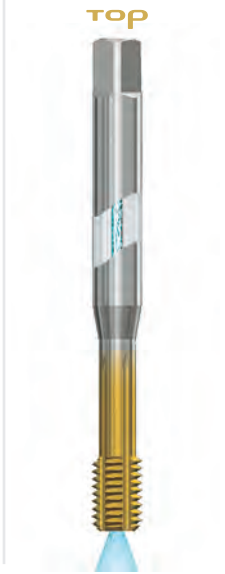
DIN 371

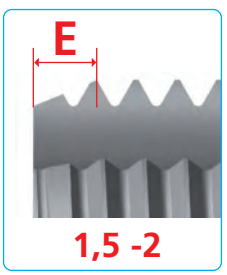


DIN 374









Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	PM8	PM8
Tolleranza - *Tolerance - Tolérance*	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	TiN-G	TiN-G
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	1.3 1.4 / 1.5	1.3 1.4 / 1.5
	2.2 2.3 2.4	2.2 2.3 2.4

DIN 371 Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCEMF...TG	K2CCEMF...FOR-TG
8	**1**	90	13	8	6,2	5	7,55	K2CCEMF8x1TG	K2CCEMF8x1FOR-TG
10	**1**	90	10	10	8	8	9,55	K2CCEMF10x1TG	K2CCEMF10x1FOR-TG
10	**1,25**	100	15	10	8	8	9,45	K2CCEMF10x1,25TG	K2CCEMF10x1,25FOR-TG

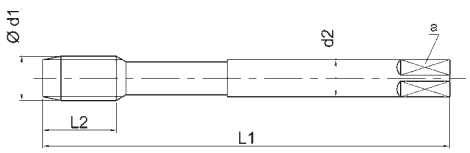
DIN 374 Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCEMF...TG	K2CCEMF...FOR-TG
12	**1**	100	15	9	7	8	11,55	K2CCEMF12x1TG	K2CCEMF12x1FOR-TG
12	**1,25**	100	15	9	7	8	11,45	K2CCEMF12x1,25TG	K2CCEMF12x1,25FOR-TG
12	**1,5**	100	15	9	7	8	11,30	K2CCEMF12x1,5TG	K2CCEMF12x1,5FOR-TG
14	**1,5**	100	15	11	9	8	13,30	K2CCEMF14x1,5TG	K2CCEMF14x1,5FOR-TG
16	**1,5**	100	15	12	9	8	15,30	K2CCEMF16x1,5TG	K2CCEMF16x1,5FOR-TG

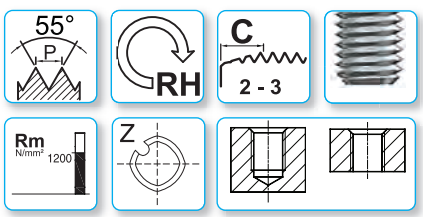
Confezione / *Box / Colis:*
M3 – M10: 10 pezzi / *pcs*
M12 – M16: 5 pezzi / *pcs*

K-ROLL

MASCHI A RULLARE
Roll form taps - Tarauds à refouler

DIN 5156





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	PM8	PM8
Tolleranza - *Tolerance - Tolérance*	ISO 228X	ISO 228X
Trattamento superficiale - *Surface treatment - Revêtement*	TiN-G	TiN-G
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.3 1.4 1.5 2.2 2.3 2.4	1.3 1.4 1.5 2.2 2.3 2.4

DIN 5156	Ød1 GAS	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* K2CCG...TG	K2CCG...FOR-TG
	1/8	**28**	9,73	90	10	7	5,5	8	9,25	K2CCG1/8TG	K2CCG1/8FOR-TG
	1/4	**19**	13,16	100	13	11	9	8	12,5	K2CCG1/4TG	K2CCG1/4FOR-TG
	3/8	**19**	16,66	100	13	12	9	8	16	K2CCG3/8TG	K2CCG3/8FOR-TG
	1/2	**14**	20,96	125	18	16	12	8	20	K2CCG1/2TG	K2CCG1/2FOR-TG
new	**5/8**	**14**	22,91	125	18	18	14,5	8	22	K2CCG5/8TG	K2CCG5/8FOR-TG
	3/4	**14**	26,44	140	18	20	16	8	25,5	K2CCG3/4TG	K2CCG3/4FOR-TG
new	**7/8**	**14**	30,20	150	18	22	18	8	29,25	K2CCG7/8TG	K2CCG7/8FOR-TG
new	**1**	**11**	33,25	160	23	25	20	8	32	K2CCG1TG	K2CCG1FOR-TG

Confezione: Singola
Box: Single
Colis: Unique

M Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

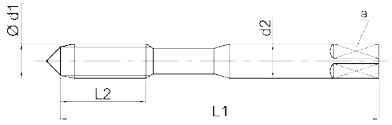
Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer
Filetage métrique ISO DIN 13 – Tarauds machine
Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

N — USO GENERALE
General purpose - Usage Général

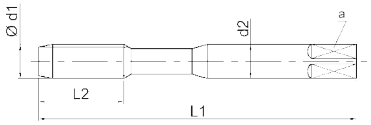
MASCHI A MACCHINA

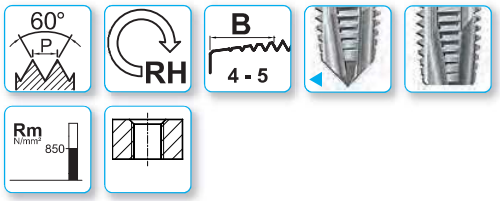
MACHINE TAPS - TARAUDS MACHINE

DIN 371



DIN 371





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24M…	E24M…V	E24M…T	E24M…TXC
◄	1	0,25	40	5	2,5	2,1	-	0,75	★	-	-	-
◄	1,2	0,25	40	5	2,5	2,1	-	0,95	★	-	-	-
◄	1,4	0,3	40	7	2,5	2,1	-	1,1	★	-	-	-
◄	1,6	0,35	40	8	2,5	2,1	-	1,25	★	-	-	-
◄	1,7	0,35	40	8	2,5	2,1	-	1,35	★	-	-	-
◄	1,8	0,35	40	8	2,5	2,1	-	1,45	★	-	-	-
◄	2	0,4	45	10	2,8	2,1	3	1,6	●	❍	❍	★
◄	2,2	0,45	45	10	2,8	2,1	3	1,75	❍	❍	❍	★
◄	2,3	0,4	45	10	2,8	2,1	3	1,9	❍	❍	❍	★
◄	2,5	0,45	50	13	2,8	2,1	3	2,05	●	❍	❍	★
◄	2,6	0,45	50	13	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	●	●	●	●

Segue diametri
Diameters, to be continued
Diamètres à suivre
Pag. 21

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

€ Pag. listino - *Price list - Liste des prix*	10	11	11	11

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

Filettatura metrica ISO passo grosso DIN 13

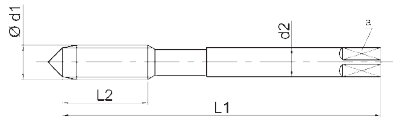
ISO Metric coarse thread DIN 13

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

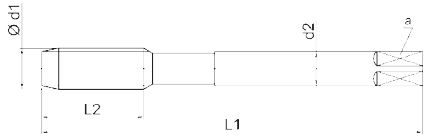
N USO GENERALE
General purpose - Usage Général

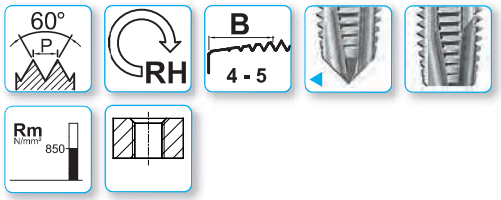
MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

DIN 376



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25M…	E25M…V	E25M…T	E25M…TXC
◀	**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	5	43	❍	❍	❍	❍
■	**52**	**5**	250	65	40	32	5	47	❍	❍	❍	❍

■ = Acciaio HSS / *HSS Steel / Acier HSS*

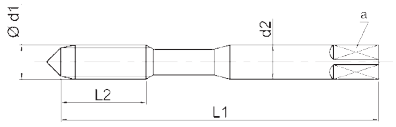
€ Pag. listino - *Price list - Liste des prix*	11	11	11	12

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

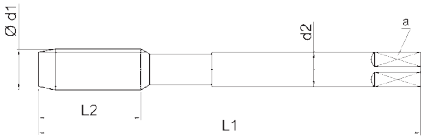
● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

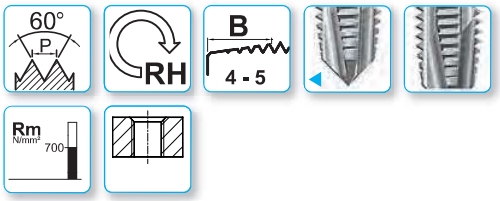
Al-Cu-Fe | **ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm²**
Al, Cu, Steel R≤ 700 N/mm² - Al, Cu, Acier R≤ 700 N/mm²

DIN 371



DIN 376





	LINE	TOP	LINE	LINE
Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	TXC	ZrN	CrN
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24M…AZ	E24M…AZ-TXC	E24M…AZ-TZ	E24M…NC
◀	**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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25M…AZ	E25M…AZ-TXC	E25M…AZ-TZ	E25M…NC
	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	★	★	-	❍

Confezione / *Box / Colis:* M3 – M10: 10 pezzi / *pcs* M12 – M16: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	15	15	15	15

● Standard ❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier* ★ Solo a richiesta *Only on request / Sur demande*

M

Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

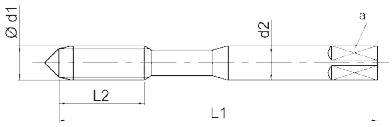
Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer
Filetage métrique ISO DIN 13 – Tarauds machine
Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

INOX — **ACCIAIO INOSSIDABILE** — *Stainless steel - Acier inoxydable*

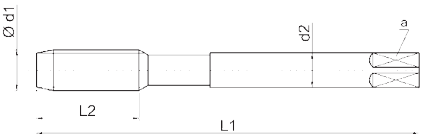
MASCHI A MACCHINA

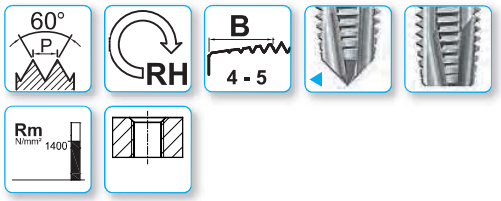
MACHINE TAPS - TARAUDS MACHINE

DIN 371



DIN 376





	LINE	TOP	TOP	TOP
Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3,5xD
Materiale - *Material - Matériau*	HSSV3	HSSV3	PM3	PM3
Tolleranza - *Tolerance - Tolérance*	6HX	6HX	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	V	TXC	TXC	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	2.1 2.2 2.3	1.3 1.4 1.5 2.1 2.2 2.3 2.4	1.3 1.4 1.5 2.1 2.2 2.3 2.4	1.3 1.4 1.5 2.1 2.2 2.3 2.4

DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24M…X-V	V24M…TXC	K24M…X-TXC	K24M…XFORY-TXC
◄	**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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25M…X-V	V25M…TXC	K25M…X-TXC	K25M…XFORY-TXC
	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	❍	❍	-	-

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

€ Pag. listino - *Price list - Liste des prix*	18	18	18	18

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

M Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

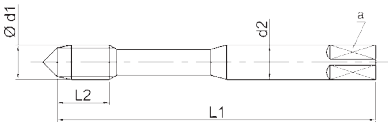
Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer
Filetage métrique ISO DIN 13 – Tarauds machine
Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

N — USO GENERALE
General purpose - Usage Général

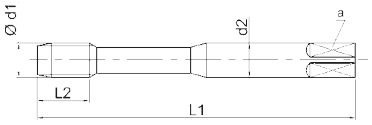
MASCHI A MACCHINA

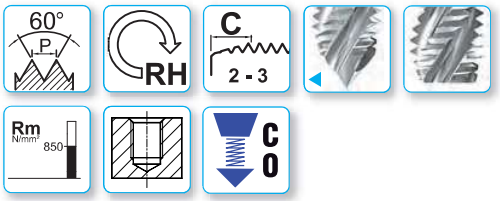
MACHINE TAPS - TARAUDS MACHINE

DIN 371



DIN 371





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E60M…	E60M…V	E60M…T	E60M…TXC
◀	**1**	**0,25**	40	5	2,5	2,1	-	0,75	★	-	-	-
◀	**1,2**	**0,25**	40	5	2,5	2,1	-	0,95	★	-	-	-
◀	**1,4**	**0,3**	40	7	2,5	2,1	-	1,1	★	-	-	-
◀	**1,6**	**0,35**	40	8	2,5	2,1	-	1,25	★	-	-	-
◀	**1,7**	**0,35**	40	8	2,5	2,1	-	1,35	★	-	-	-
◀	**1,8**	**0,35**	40	8	2,5	2,1	-	1,45	★	-	-	-
◀	**2**	**0,4**	45	7	2,8	2,1	3	1,6	●	❍	❍	-
◀	**2,2**	**0,45**	45	7	2,8	2,1	3	1,75	❍	❍	❍	-
◀	**2,3**	**0,4**	45	7	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	5	3,5	2,7	3	2,5	●	●	●	●
◀	**3,5**	**0,6**	56	7	4	3	3	2,9	❍	❍	❍	❍
◀	**4**	**0,7**	63	7	4,5	3,4	3	3,3	●	●	●	●
◀	**4,5**	**0,75**	70	8	6	4,9	3	3,70	❍	❍	❍	❍
◀	**5**	**0,8**	70	8	6	4,9	3	4,2	●	●	●	●
◀	**6**	**1**	80	10	6	4,9	3	5	●	●	●	●
	7	**1**	80	10	7	5,5	3	6	❍	❍	❍	❍
	8	**1,25**	90	13	8	6,2	3	6,8	●	●	●	●
	9	**1,25**	90	18	9	7	3	7,80	❍	❍	❍	❍
	10	**1,5**	100	15	10	8	3	8,5	●	●	●	●
									E60M…CP	E60M…CP-V	E60M…CP-T	E60M…CP-TXC
◀	**8**	**1,25**	90	18	8	6,2	3	6,8	❍	❍	❍	❍
◀	**10**	**1,5**	100	20	10	8	3	8,5	❍	❍	❍	❍

Segue diametri
Diameters, to be continued
Diamètres à suivre
Pag. 47

Confezione / *Box / Colis:* M1 – M10: 10 pezzi / *pcs* M12 – M16: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	26	27	27	27

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

Filettatura metrica ISO passo grosso DIN 13

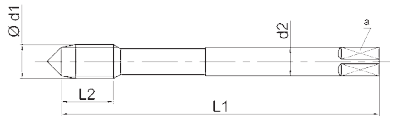
ISO Metric coarse thread DIN 13

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

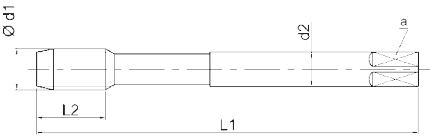
N USO GENERALE
General purpose - Usage Général

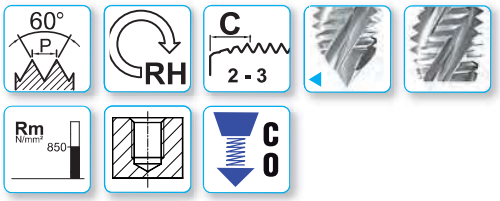
MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

DIN 376



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61M…	E61M…V	E61M…T	E61M…TXC
◄	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	5	43	❍	❍	❍	⋆
■	52	5	250	50	40	32	5	47	❍	❍	❍	⋆

■ = Acciaio HSS / *HSS Steel / Acier HSS*

€ Pag. listino - *Price list - Liste des prix*	27	27	28	28

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

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
⋆ Solo a richiesta
Only on request / Sur demande

M Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

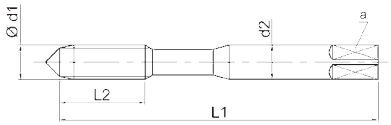
Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer
Filetage métrique ISO DIN 13 – Tarauds machine
Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

MASCHI A MACCHINA

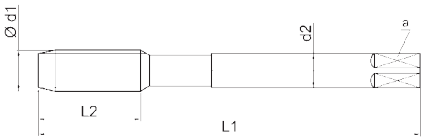
MACHINE TAPS - TARAUDS MACHINE

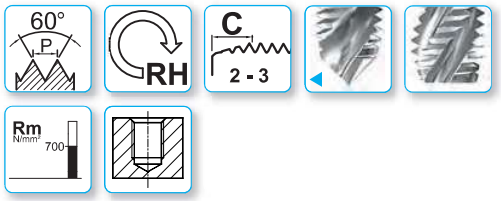
Al-Cu-Fe — **ALLUMINIO, RAME, ACCIAIO R ≤ 700 N/mm²**
Al, Cu, Steel R≤700 N/mm² - Al, Cu, Acier R≤700 N/mm²

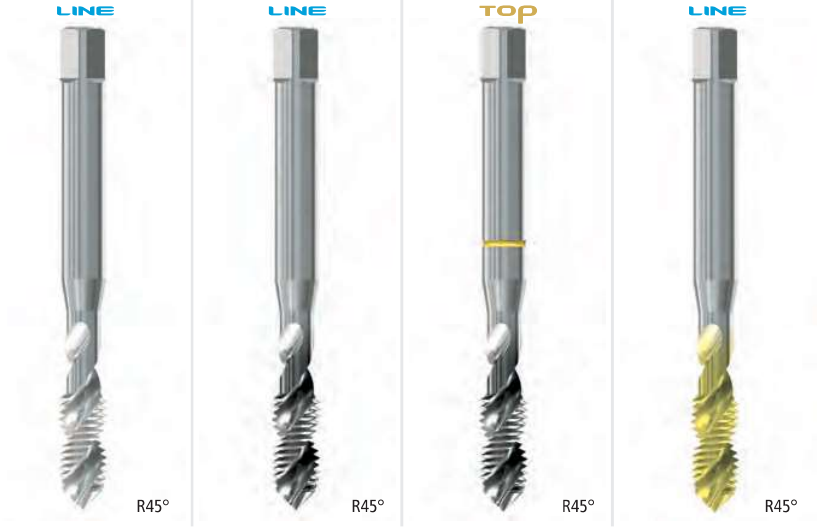
DIN 371



DIN 376







Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	VS	TXC	ZrN
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.1 4.1 4.2	1.1	1.1	1.1
	5.1 5.2	4.1 4.2	4.1 4.2 4.3	4.1 4.2 4.3
	6.1 7.1	5.1 5.2	5.1 5.2	5.1 5.2
	8.1	8.1		

DIN 371	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E70M…	E70M…VS	E70M…TXC	E70M…TZ
◄	**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	●	❍	❍	❍

DIN 376	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E71M…	E71M…VS	E71M…TXC	E71M…TZ
◄	**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	●	❍	❍	❍

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

€ **Pag. listino** - *Price list - Liste des prix*	31	31	31	31

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

M Filettatura metrica ISO passo grosso DIN 13

ISO Metric coarse thread DIN 13

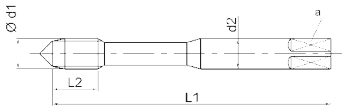
Metrisches ISO-Regelgewinde DIN13 – Maschinengewindebohrer
Filetage métrique ISO DIN 13 – Tarauds machine
Rosca ISO métrica regular DIN13 – Machos de roscar a máquina

INOX ACCIAIO INOSSIDABILE
Stainless steel - Acier inoxydable

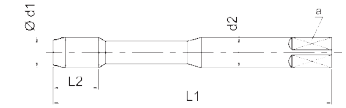
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

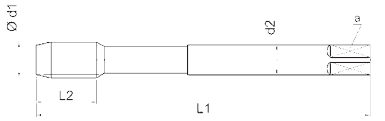
DIN 371

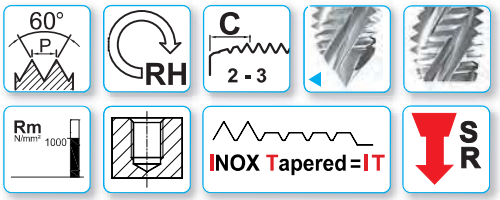


DIN 371



DIN 376





	LINE	TOP
Profond. di filettatura - *Thread depth - Profond. de filetage*	3,5xD	3,5xD
Materiale - *Material - Matériau*	HSSV3	HSSV3
Tolleranza - *Tolerance - Tolérance*	6HX	6HX
Trattamento superficiale - *Surface treatment - Revêtement*	V	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E80M…X-V	V82M…TXC
◄	**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	❍	●

DIN 376	Ød1 M	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E81M…X-V	V83M…TXC
	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	❍	❍

RACCOMANDATO per filettatura rigida
We recommend Syncro rigid threading
Recommandé pour le taraudage rigide

Vedi nuova serie
See new series
Voir nouvelle série
E92-E93 pag. XXXI

* **Ad esaurimento scorte**
Stock clearance - Stock épuisé

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

€ Pag. listino - *Price list - Liste des prix*	37	37

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
⋆ Solo a richiesta
Only on request / Sur demande

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 roscar a máquina

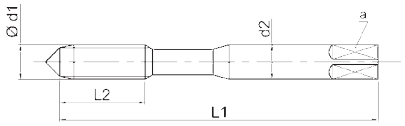
N — USO GENERALE
General purpose - Usage Général

MF

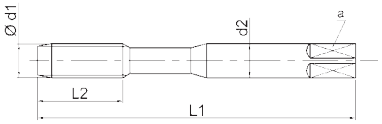
MASCHI A MACCHINA

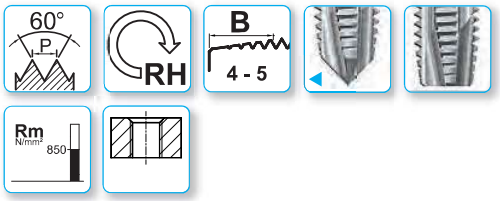
MACHINE TAPS - TARAUDS MACHINE

DIN 371



DIN 371





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24MF…	E24MF…V	E24MF…T	E24MF…TXC
◀	**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	●	●	❍	❍

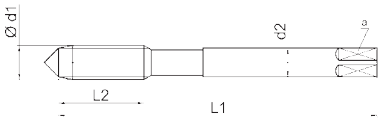
Segue diametri
Diameters, to be continued
Diamètres à suivre
Pag. 101...103

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

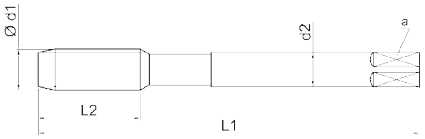
€ Pag. listino - *Price list - Liste des prix*	49	49	49	49

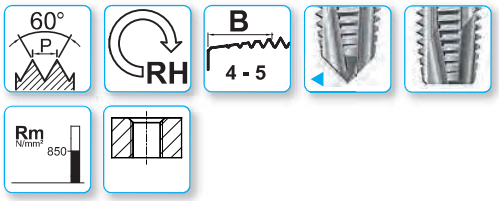
● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

DIN 374



DIN 374





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25MF…	E25MF…V	E25MF…T	E25MF…TXC
◀	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	❍	❍	❍	❍

Segue diametri
Diameters, to be continued
Diamètres à suivre
Pag. 102...103

€ Pag. listino - *Price list - Liste des prix*	50	50	51	51

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

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

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 roscar a máquina

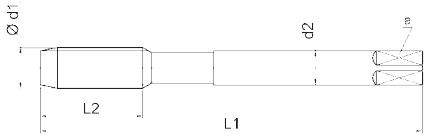
N — USO GENERALE
General purpose - Usage Général

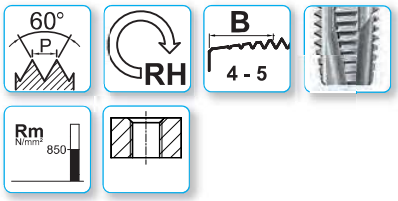
MF

MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

DIN 374





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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

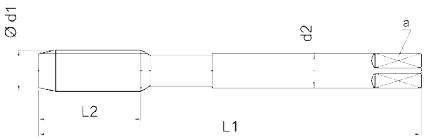
DIN 374	Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25MF…	E25MF…V	E25MF…T	E25MF…TXC
	27	**1**	140	25	20	16	4	26	❍	❍	❍	❍
	27	**1,5**	140	25	20	16	4	25,5	●	❍	❍	❍
	27	**2**	140	25	20	16	4	25	❍	❍	❍	❍
	28	**1,5**	140	25	20	16	4	26,5	❍	❍	❍	❍
	28	**2**	140	25	20	16	4	26	❍	❍	❍	❍
	30	**1,5**	150	28	22	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	❍	❍	❍	★

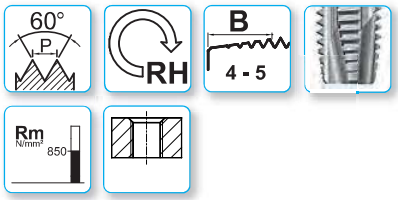
Segue diametri
Diameters, to be continued
Diamètres à suivre
Pag. 103

Confezione / *Box / Colis:* M3 – M10: 10 pezzi / *pcs* M12 – M16: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	50	50	51	51

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

DIN 374





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25MF…	E25MF…V	E25MF…T	E25MF…TXC
■	**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	❍	❍	❍	★

■ = Acciaio HSS / *HSS Steel / Acier HSS*
* Dimensioni a norma UFS / *Dimensions according UFS' norms / Dimensions selon norme UFS*

€ Pag. listino - *Price list - Liste des prix*	50	50	51	51

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

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

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 roscar a máquina

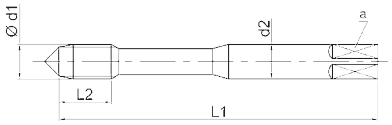
N — USO GENERALE
General purpose - Usage Général

MF

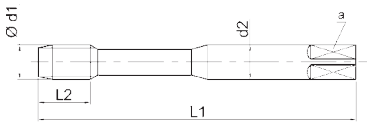
MASCHI A MACCHINA

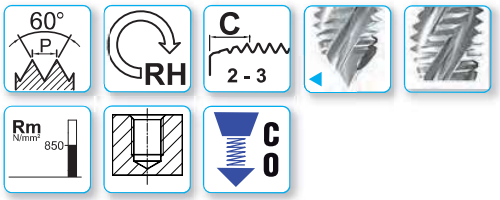
MACHINE TAPS - TARAUDS MACHINE

DIN 371



DIN 371





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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

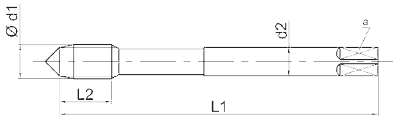
DIN 371	Ød1 MF	P mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E60MF…	E60MF…V	E60MF…T	E60MF…TXC
◄	**4**	**0,5**	63	7	4,5	3,4	3	3,5	❍	❍	❍	❍
◄	**5**	**0,5**	70	8	6	4,9	3	4,5	❍	❍	❍	❍
◄	**6**	**0,75**	80	10	6	4,9	3	5,25	●	❍	❍	●
	8	**0,75**	90	13	8	6,2	3	7,25	❍	❍	❍	❍
	8	**1**	90	13	8	6,2	3	7	●	❍	❍	●
	10	**1**	90	15	10	8	3	9	●	❍	❍	●
	10	**1,25**	100	15	10	8	3	8,75	●	❍	❍	●

Segue diametri
Diameters, to be continued
Diamètres à suivre
Pag. 123...126

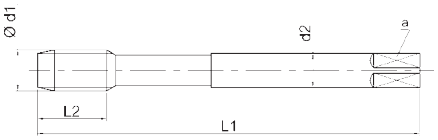
Confezione / *Box / Colis:* M3 – M10: 10 pezzi / *pcs* M12 – M16: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	59	59	59	60

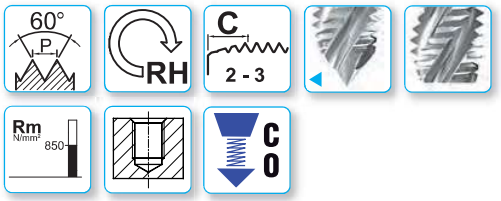
● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

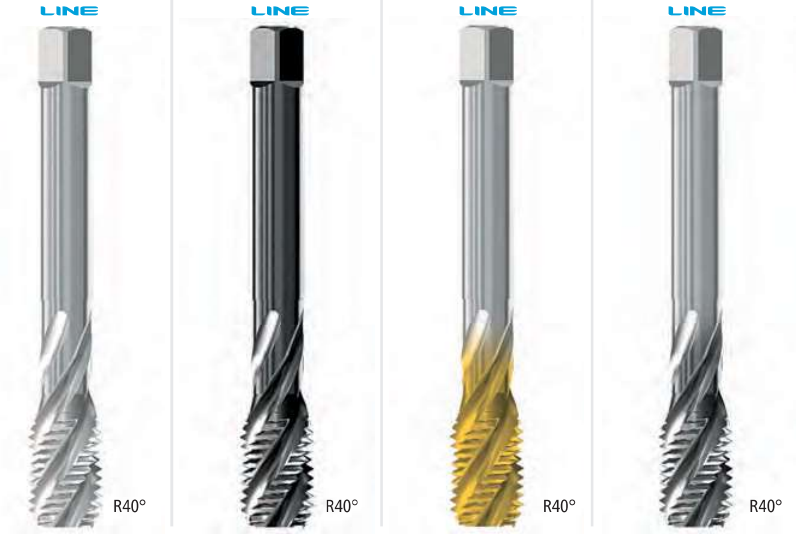
DIN 374



DIN 374







Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61MF…	E61MF…V	E61MF…T	E61MF…TXC
◄	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	❍	❍	❍	❍

Segue diametri
Diameters following
Diamètres à suivre
Pag. 124...126

Confezione / *Box / Colis:* M3 – M10: 10 pezzi / *pcs* M12 – M16: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	60	60	60	62

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

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 roscar a máquina

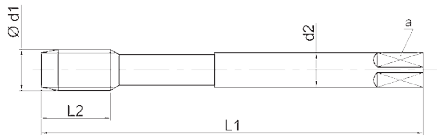
N — USO GENERALE
General purpose - Usage Général

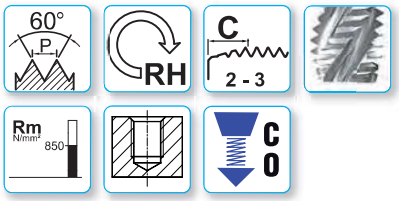
MF

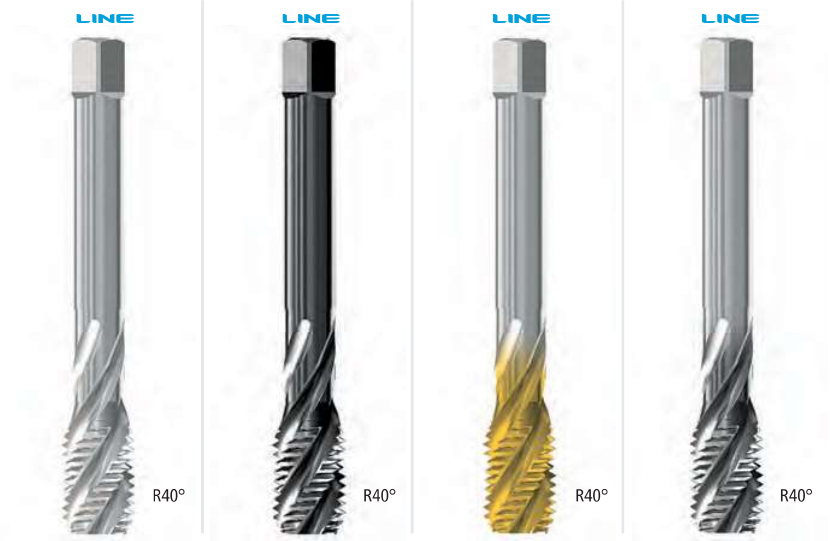
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

DIN 374







Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61MF…	E61MF…V	E61MF…T	E61MF…TXC
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	❍	❍	❍	❍

Segue diametri
Diameters, to be continued - Diamètres à suivre Pag. 125...126

Confezione / *Box / Colis:* M3 – M10: 10 pezzi / *pcs* M12 – M16: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	60-61	60-61	60-61	62

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

Filettatura metrica ISO passo fine DIN 13

ISO metric fine thread DIN13

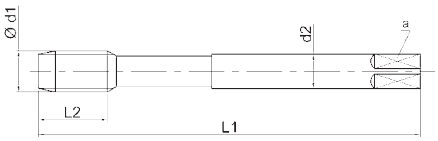
Metrisches ISO-Feingewinde DIN 13 – Maschinengewindebohrer
Filetage métrique ISO à pas fin DIN 13 – Tarauds machine
Rosca ISO métrica fina DIN 13 – Machos de roscar a máquina

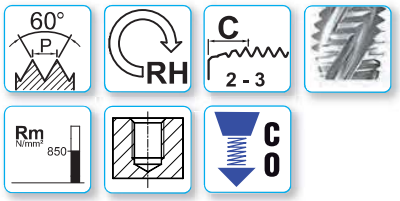
MF

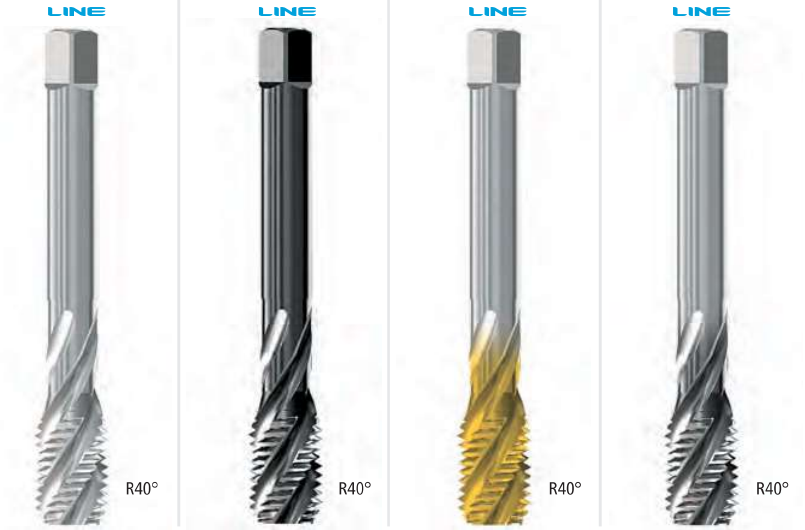
N USO GENERALE
General purpose - Usage Général

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

~DIN 374







Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61MF…	E61MF…V	E61MF…T	E61MF…TXC
	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 / Acier HSS*
* Dimensioni a norma UFS / *Dimensions according UFS' norms / Dimensions selon norme UFS*

Segue diametri
Diameters, to be continued - Diamètres à suivre Pag. 126

Confezione / *Box / Colis:* M3 – M10: 10 pezzi / *pcs* M12 – M16: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	61	61	61	62

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

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 roscar a máquina

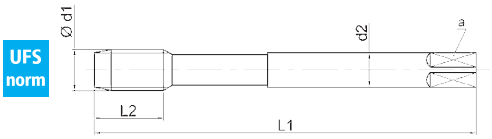
N — USO GENERALE / *General purpose - Usage Général*

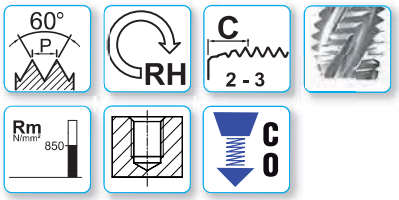
MF

MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

UFS norm





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61MF…	E61MF…V	E61MF…T	E61MF…TXC
■	* 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 / Acier HSS*
* Dimensioni a norma UFS / *Dimensions according UFS' norms / Dimensions selon norme UFS*

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

€ Pag. listino - *Price list - Liste des prix*	61	61	61	62

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

Filettatura americana UNC passo grosso ASME B1.1

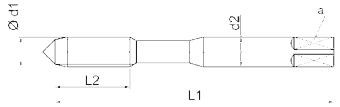
UNC coarse thread ASME B1.1

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

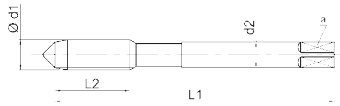
N USO GENERALE *General purpose*

MASCHI A MACCHINA *MACHINE TAPS*

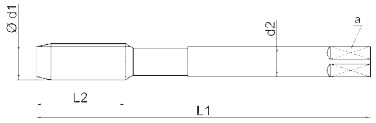
DIN 371

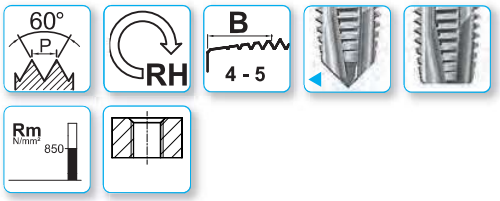


DIN 376



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	2B	2B	2B	2B
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24UNC…	E24UNC…V	E24UNC…T	E24UNC…XP
◄	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	❍	❍	❍	❍

DIN 376	Ød1 UNC	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25UNC…	E25UNC…V	E25UNC…T	E25UNC…XP
◄	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	5	45	❍	❍	❍	❍

■ = Acciaio HSS / *HSS Steel / Acier HSS*

Confezione / *Box / Colis:*
6 – 7/16: 10 pezzi / *pcs*
1/2 – 9/16: 5 pezzi / *pcs*
>9/16: singoli / *single pcs*

€ Pag. listino - *Price list - Liste des prix*	74	74	74	74

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

Filettatura americana UNC passo grosso ASME B1.1

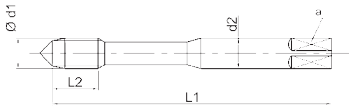
UNC coarse thread ASME B1.1

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

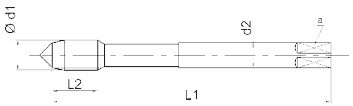
N USO GENERALE
General purpose - Usage Général

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

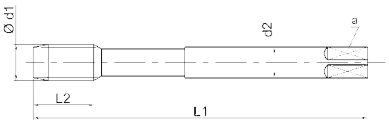
DIN 371

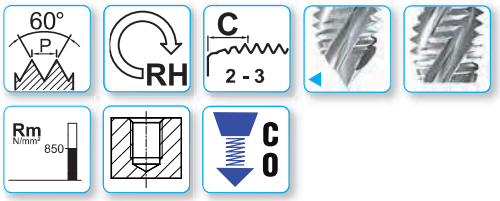


DIN 376



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	2B	2B	2B	2B
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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 UNC	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E60UNC…	E60UNC…V	E60UNC…T	E60UNC…XP
◀	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	●	❍	❍	❍
◀	12	24	5,486	80	10	6	4,9	3	4,5	❍	❍	❍	❍
◀	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	❍	❍	❍	❍

DIN 376	Ød1 UNC	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61UNC…	E61UNC…V	E61UNC…T	E61UNC…XP
◀	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	●	❍	❍	❍
■	1"3/4	5	44,450	220	50	36	29	5	39,5	❍	❍	❍	❍
■	2"	4 1/2	50,800	250	55	40	32	5	45	❍	❍	❍	❍

Confezione / *Box / Colis:*
6 – 7/16: 10 pezzi / *pcs*
1/2 – 9/16: 5 pezzi / *pcs*
>9/16: singoli / *single pcs*

€ Pag. listino - *Price list - Liste des prix*	77	78	78	78

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

Filettatura americana UNF passo fine ASME B1.1

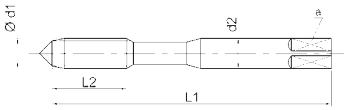
UNF fine thread ASME B1.1

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

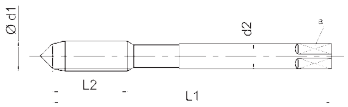
N USO GENERALE
General purpose - Usage Général

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

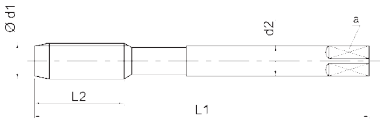
DIN 371

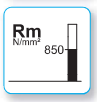


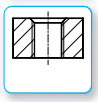
DIN 374



DIN 374







Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	2B	2B	2B	2B
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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 UNF	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24UNF…	E24UNF…V	E24UNF…T	E24UNF…XP
◀	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	●	❍	❍	❍

DIN 374	Ød1 UNF	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25UNF…	E25UNF…V	E25UNF…T	E25UNF…XP
◀	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	●	❍	❍	❍

Confezione / *Box / Colis:*
6 – 7/16: 10 pezzi / *pcs*
1/2 – 9/16: 5 pezzi / *pcs*
>9/16: singoli / *single pcs*

€ Pag. listino - *Price list - Liste des prix*	83	83	83	83

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

Filettatura americana UNF passo fine ASME B1.1

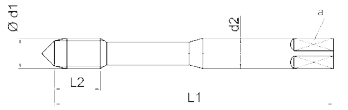
UNF fine thread ASME B1.1

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

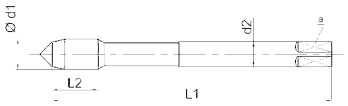
N USO GENERALE
General purpose - Usage Général

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

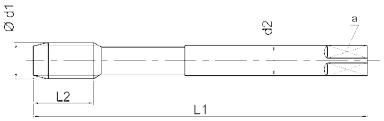
DIN 371

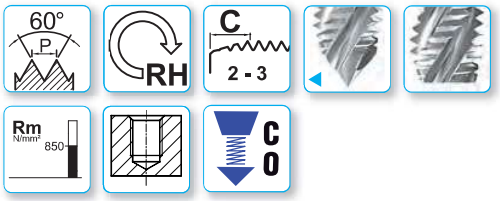


DIN 374



DIN 374





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	2B	2B	2B	2B
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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 UNF	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E60UNF…	E60UNF…V	E60UNF…T	E60UNF…XP
◄	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	●	❍	❍	❍

DIN 374	Ød1 UNF	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61UNF…	E61UNF…V	E61UNF…T	E61UNF…XP
◄	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	❍	❍	❍	❍

Confezione / *Box / Colis:*
6 – 7/16: 10 pezzi / *pcs*
1/2 – 9/16: 5 pezzi / *pcs*
>9/16: singoli / *single pcs*

€ Pag. listino - *Price list - Liste des prix*	86	86	86	87

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

Filettatura GAS cilindrica Whitworth DIN EN ISO 228

Whitworth pipe thread DIN EN ISO 228

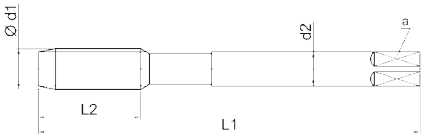
Whitworth-Rohrgewinde DIN EN ISO 228 – Maschinengewindebohrer
Filetage pas du gaz Whitworth DIN EN ISO 228 – Tarauds machine
Rosca gas Whitworth DIN EN ISO 228 – Machos de roscar a máquina

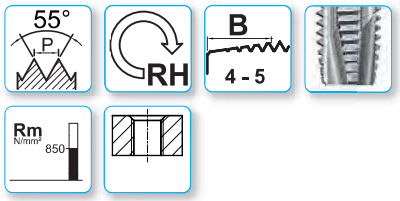
GAS

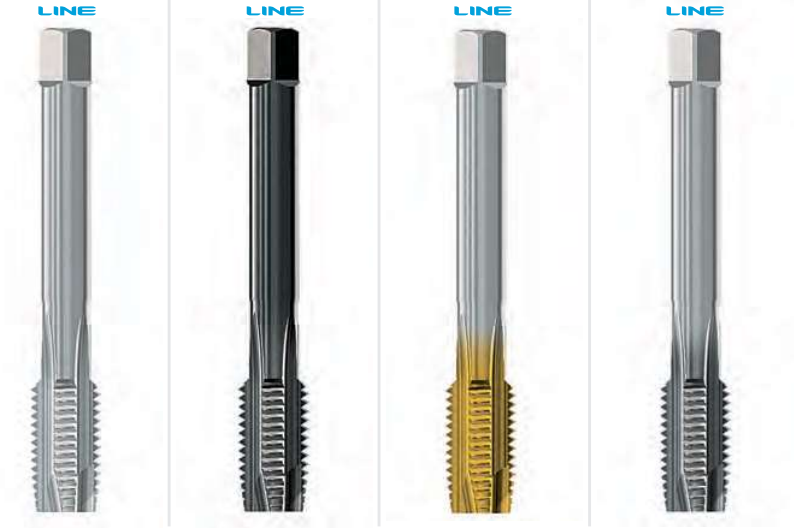
N USO GENERALE
General purpose - Usage Général

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

DIN 5156







Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO 228	ISO 228	ISO 228	ISO 228
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25G…	E25G…V	E25G…T	E25G…XP
	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	❍	❍	❍	❍

■ = Acciaio HSS / *HSS Steel / Acier HSS*

€ Pag. listino - *Price list - Liste des prix*	93	93	94	94

Confezione / *Box / Colis:*
1/8 G: 10 pezzi / *pcs*
1/4 G - 3/8 G: 5 pezzi / *pcs*

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

GAS

GAS

Filettatura GAS cilindrica Whitworth DIN EN ISO 228

Whitworth pipe thread DIN EN ISO 228

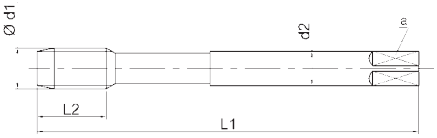
Whitworth-Rohrgewinde DIN EN ISO 228 – Maschinengewindebohrer
Filetage pas du gaz Whitworth DIN EN ISO 228 – Tarauds machine
Rosca gas Whitworth DIN EN ISO 228 – Machos de roscar a máquina

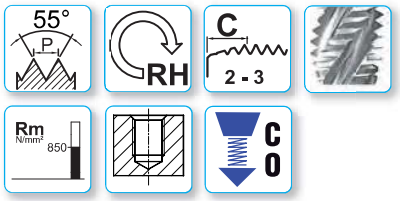
N — USO GENERALE
General purpose - Usage Général

MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

DIN 5156





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	ISO 228	ISO 228	ISO 228	ISO 228
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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 5156	Ød1 GAS	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61G…	E61G…V	E61G…T	E61G…XP
	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	22	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 / Acier HSS*

Confezione / *Box / Colis:* 1/8 G: 10 pezzi / *pcs* 1/4 G - 3/8 G: 5 pezzi / *pcs*	€ Pag. listino - *Price list - Liste des prix*	95	95	95	95

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

GAS

NPT

Filettatura gas conica americana, conicità 1:16 sec. ANSI/ASME B1.20.1

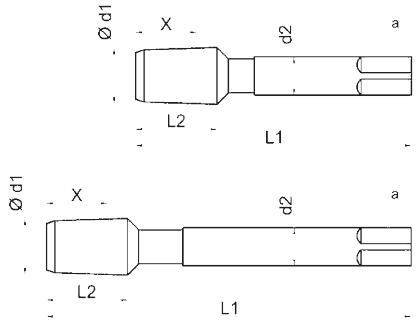
American tapered pipe thread, taper 1:16 acc. ANSI/ASME B1.20.1

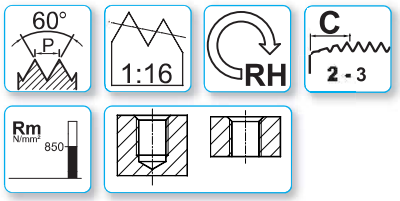
Amerikanisches kegeliges Rohrgewinde Kegel 1:16 nach ANSI/ASME B1.20.1
Filetage pas du gaz conique américain, conicité 1:16 selon ANSI/ANSI/ASME B1.20.1
Rosca gas cónica americana cono 1:16 según ANSI/ASME B1.20.1

N — USO GENERALE / *General purpose - Usage Général*

MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE





Profond. di filettatura - *Thread depth - Profond. de filetage*	-	-	-	-
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	-	-	-	-
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	BR	TXC
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	X	F*	CODICE - *CODE* E21CNPT...	E41CNPT...V		
	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_1	L_2	d_2 h9	a h12	X	F*	CODICE - *CODE*		E21LNPT...	E21LNPT...TXC
	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 / Acier HSS*

* Diametri di foratura cilindrici.
Per alesatura conica vedi tabella pag. 258

* *Cilyndric hole.*
For conic hole see on page 258

* *Diamètres de perçage cylindrique.*
Pour alésage conique voir tableau page 258

Confezione: Singola *Box: Single Colis: Unique*	€ Pag. listino - *Price list - Liste des prix*	98	98	98	98

● Standard — ❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier* — ★ Solo a richiesta *Only on request / Sur demande*

Filettatura gas conica americana, conicità 1:16 sec. ANSI/ASME B1.20.1

American tapered pipe thread, taper 1:16 acc. ANSI/ASME B1.20.1

Amerikanisches kegeliges Rohrgewinde Kegel 1:16 nach ANSI/ASME B1.20.1

Filetage pas du gaz conique américain, conicité 1:16 selon ANSI/ASME B1.20.1

Rosca gas cónica americana cono 1:16 según ANSI/ASME B1.20.1

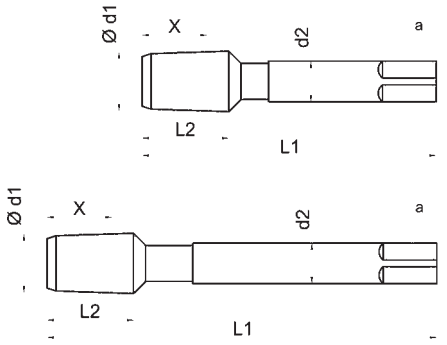
NPT

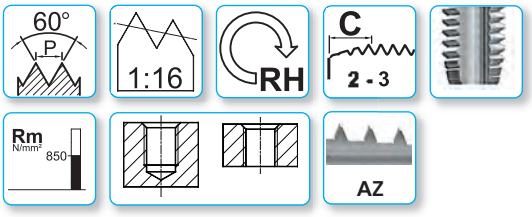
N USO GENERALE

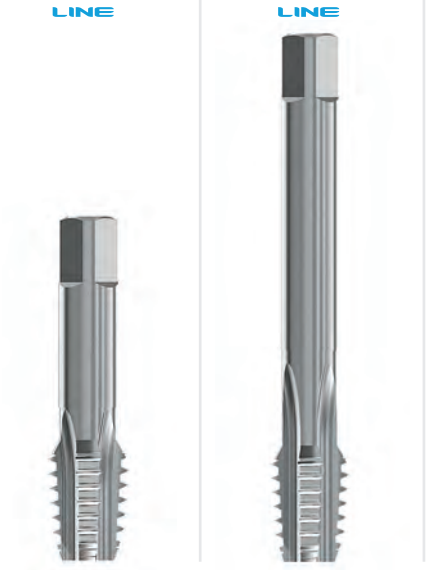
General purpose - Usage Général

MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE







Profond. di filettatura - *Thread depth - Profond. de filetage*	-	-
Materiale - *Material - Matériau*	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	-	-
Trattamento superficiale - *Surface treatment - Revêtement*	BR	BR
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.1	1.1
	2.1 2.2	2.1 2.2
	4.1 4.2 5.1 5.2	4.1 4.2 5.1 5.2

	Ød1 NPT	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	X	F*	CODICE - *CODE* E21CNPT...AZ			
	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_1	L_2	d_2 h9	a h12	X	F*	CODICE - *CODE* E21LNPT...AZ			
	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 / Acier HSS*

* Diametri di foratura cilindrici.
Per alesatura conica vedi tabella pag. 258

* *Cilyndric hole.*
For conic hole see on page 258

* *Diamètres de perçage cylindrique.*
Pour alésage conique voir tableau page 258

Confezione: Singola
Box: Single
Colis: Unique

€ Pag. listino - *Price list - Liste des prix* 98 99

● Standard

❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier

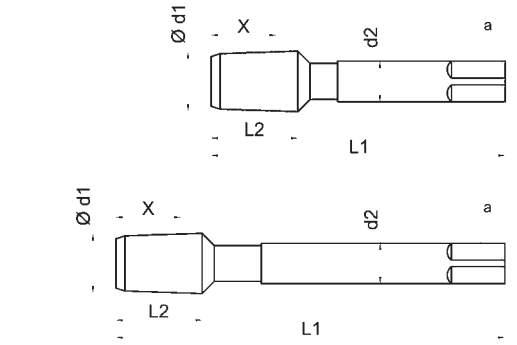
★ Solo a richiesta
Only on request / Sur demande

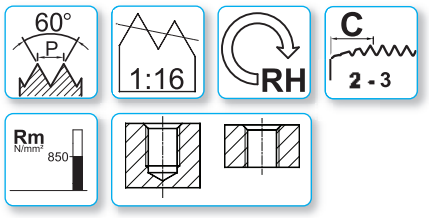
NPTF

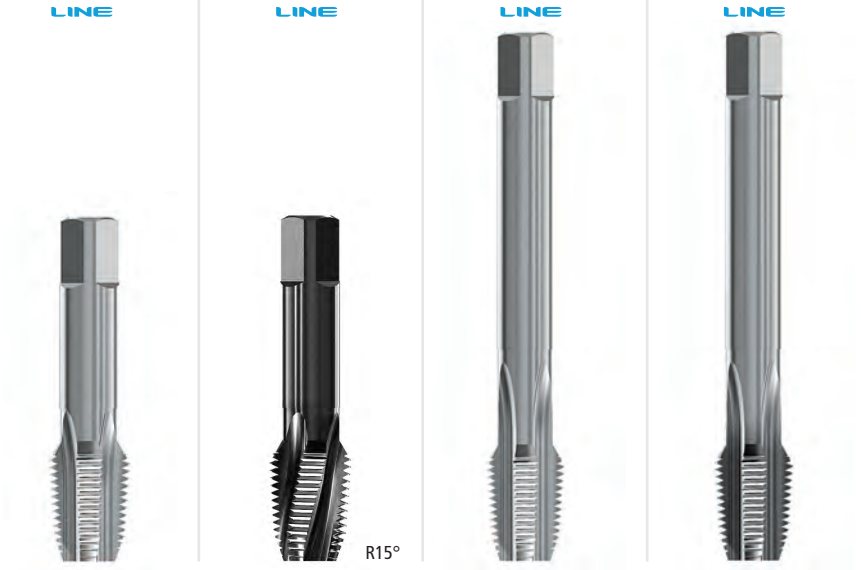
Filettatura gas conica americana, conicità 1:16 sec. ANSI/ASME B1.20.3
American tapered pipe thread, taper 1:16 acc. ANSI/ASME B1.20.3
Amerikanisches kegeliges Rohrgewinde Kegel 1:16 nach ANSI/ASME B1.20.3
Filetage pas du gaz conique américain, conicité 1:16 selon ANSI/ASME B1.20.3
Rosca gas cónica americana cono 1:16 según ANSI/ASME B1.20.31

N — USO GENERALE / *General purpose - Usage Général*

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE







Profond. di filettatura - *Thread depth - Profond. de filetage*	-	-	-	-
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	-	-	-	-
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	BR	TXC
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	X	F*	CODICE - *CODE* E21CNPTF...	E41CNPTF...V		
	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_1	L_2	d_2 h9	a h12	X	F*	CODICE - *CODE* E21LNPTF...	E21LNPTF...TXC
	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 / Acier HSS*

* Diametri di foratura cilindrici.
Per alesatura conica vedi tabella pag. 258

* *Cilyndric hole.*
For conic hole see on page 258

* *Diamètres de perçage cylindrique.*
Pour alésage conique voir tableau page 258

Confezione: Singola
Box: Single
Colis: Unique

€ Pag. listino - *Price list - Liste des prix*	99	99	99	99

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

BSW

Filettatura Whitworth a passo grosso norma BS 84

Whitworth thread standard BS 84

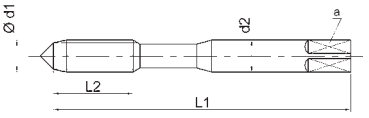
Whitworth-Gewinde Norm BS 84 – Maschinengewindebohrer
Filetage Whitworth norme BS 84 – Tarauds machine
Rosca Whitworth norma BS 84 – Machos de roscar a máquina

N USO GENERALE
General purpose - Usage Général

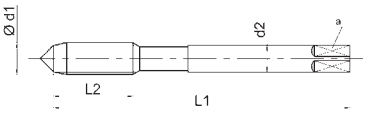
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

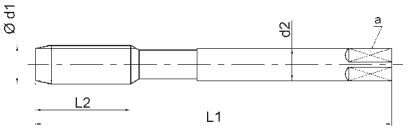
DIN 371

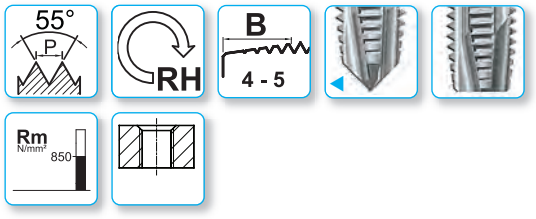


DIN 376



DIN 376





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	med.	med.	med.	med.
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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 BSW	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24W…	E24W…V	E24W…T	E24W…XP
◀	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	❍	❍	❍	❍

DIN 376	Ød1 BSW	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25W…	E25W…V	E25W…T	E25W…XP
◀	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	28	22	4	33,5	❍	❍	❍	❍

Confezione / *Box / Colis:* 1/8 – 7/16: 10 pezzi / *pcs* 1/2 – 5/8: 5 pezzi / *pcs* >5/8: singoli / *single pcs*	€ Pag. listino - *Price list - Liste des prix*	101	101	101	102

● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

Filettatura Whitworth a passo grosso norma BS 84

Whitworth thread standard BS 84

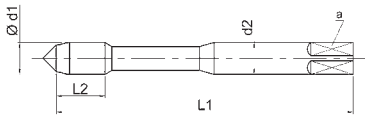
Whitworth-Gewinde Norm BS 84 – Maschinengewindebohrer
Filetage Whitworth norme BS 84 – Tarauds machine
Rosca Whitworth norma BS 84 – Machos de roscar a máquina

BSW

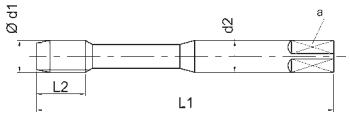
N USO GENERALE
General purpose - Usage Général

MASCHI A MACCHINA
MACHINE TAPS - TARAUDS MACHINE

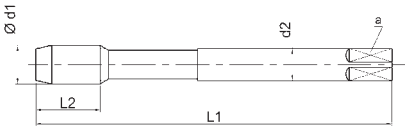
DIN 371

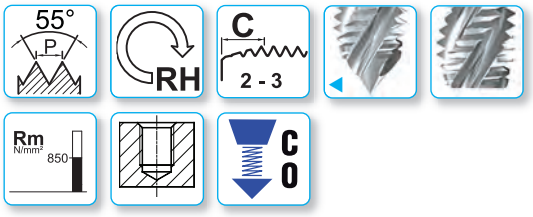


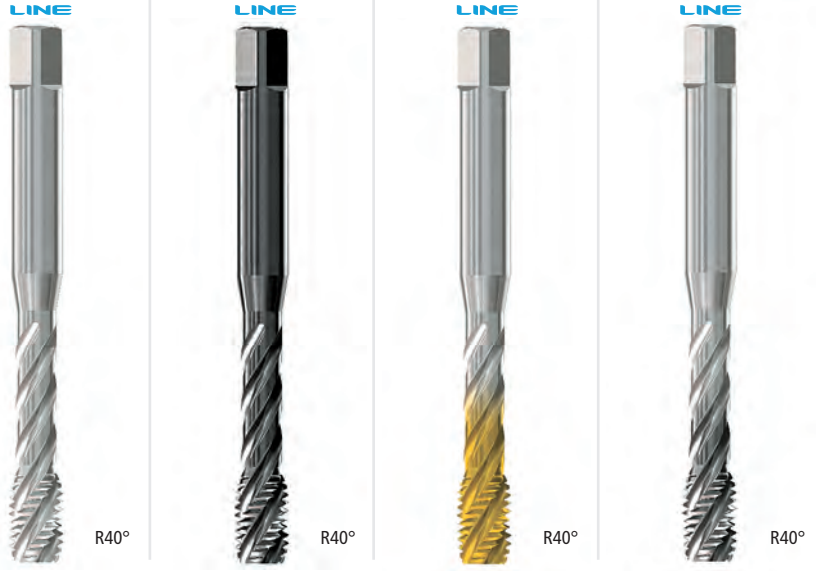
DIN 371



DIN 376







Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	med.	med.	med.	med.
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	TiN	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E60W…	E60W…V	E60W…T	E60W…XP
◄	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	❍	❍	❍	❍

DIN 376	Ød1 BSW	P TPI	Ø mm	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61W…	E61W…V	E61W…T	E61W…XP
	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	4	12	❍	❍	❍	❍
	5/8	11	15,876	110	20	12	9	4	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	28	22	4	33,5	❍	❍	❍	❍

Confezione / *Box / Colis:*
1/8 – 7/16: 10 pezzi / *pcs*
1/2 – 5/8: 5 pezzi / *pcs*
>5/8: singoli / *single pcs*

€ Pag. listino - *Price list - Liste des prix*	102	102	102	102

● Standard
❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

PG

Filettatura per tubi corazzati DIN 40430

Steel conduit thread DIN 40430

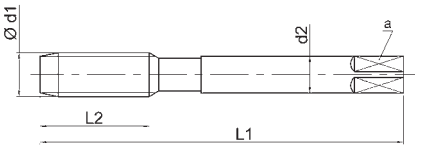
Stahlpanzerrohr-Gewinde DIN 40430 – Maschinengewindebohrer
Filetage pour tubes électriques DIN 40430 – Tarauds machine
Rosca de tubo blindado de acero DIN 40430 – Machos de roscar a máquina

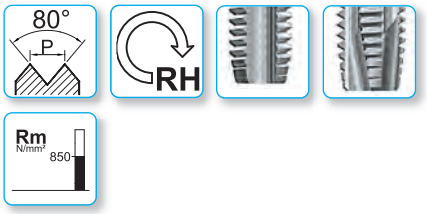
N — USO GENERALE / *General purpose - Usage Général*

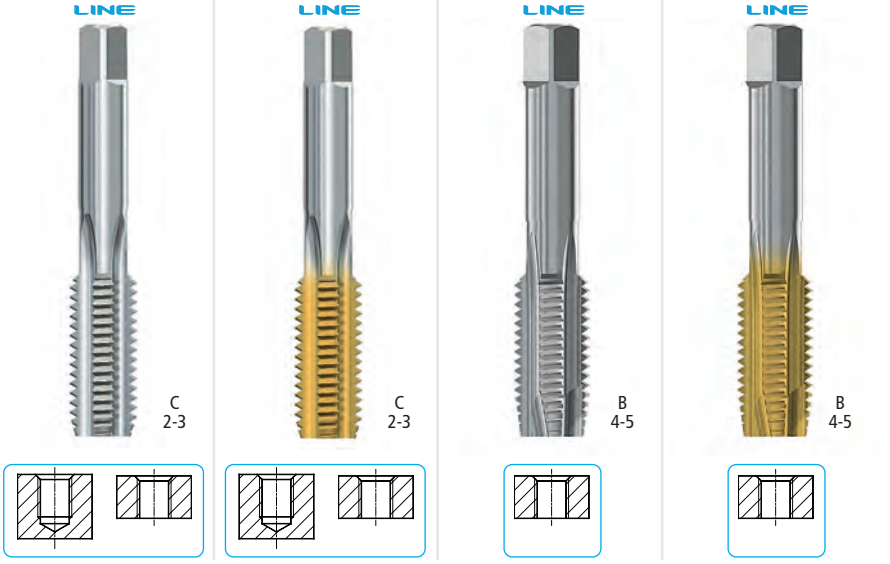
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

DIN 40432







Profond. di filettatura - *Thread depth - Profond. de filetage*	1,5xD	1,5xD	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	-	-	-	-
Trattamento superficiale - *Surface treatment - Revêtement*	BR	TiN	BR	TiN
Numero gruppi materiali *Material's groups number Nombre de groupes du matériau*	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	1.1 1.2 1.3 1.4
	4.2 4.3 5.2 5.3	4.2 4.3 5.2 5.3	4.1 4.2	3.3 3.4
	8.2	8.2	5.1 5.2	4.1 4.2 4.3
				5.1 5.2

DIN 40432		Ø mm	P TPI	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E21PG...	E21PG...T	E25PG...	E25PG...T
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	160	36	45	35	6	58	❍	❍	❍	❍
■PG	*48	59,30	16	140	32	40	32	6	58	-	-	-	-

■ = Acciaio HSS / *HSS Steel / Acier HSS*

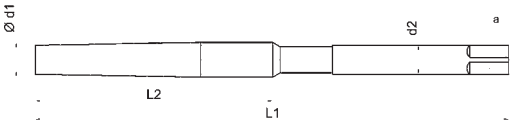
*Ad esaurimento, dimensioni secondo la vecchia edizione.
Stock exhausted, dimensions according old edition.
Sous réserve de disponibilité, dimensions selon l'ancienne édition.

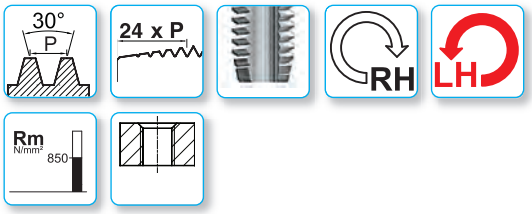
Confezione: Singola *Box: Single Colis: Unique*	€ Pag. listino - *Price list - Liste des prix*	103	103	103	103

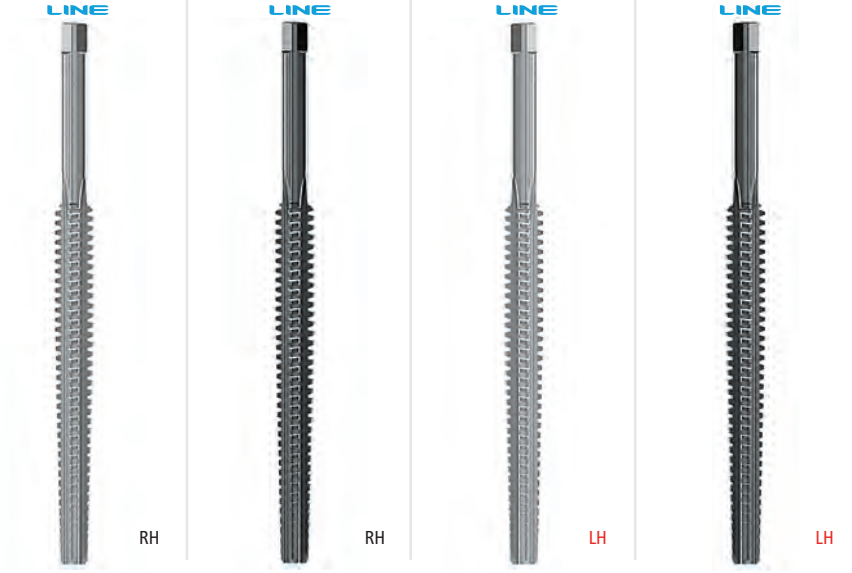
● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

N — USO GENERALE
General purpose - Usage Général

MASCHI TRAPEZOIDALI SINGOLI
SINGLE TRAPEZOIDAL TAPS - TARAUDS TRAPÉZOÏDAUX INDIVIDUELS







Profond. di filettatura - *Thread depth - Profond. de filetage*	2xD	2xD	2xD	2xD
Materiale - *Material - Matériau*	HSSE	HSSE	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	7H	7H	7H	7H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	V	BR	V
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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
	3.1 3.2 3.3 3.4	3.1 3.2 3.3 3.4	3.1 3.2 3.3 3.4	3.1 3.2 3.3 3.4
	4.3 4.4	4.1 4.2 4.3 4.4	4.3 4.4	4.1 4.2 4.3 4.4
	5.3	5.1 5.2 5.3	5.3	5.1 5.2 5.3

Ød1 Tr	P mm	L_1	L_2	d_2 h9	a_2 h12	Z		CODICE - *CODE* E21TPN...	E21TPN...V	E21TPN...LH	E21TPN...LH-V
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 / Sur demande:*
TR-F

Confezione: Singola *Box: Single* *Colis: Unique*	€ Pag. listino - *Price list - Liste des prix*	103	103	103	103

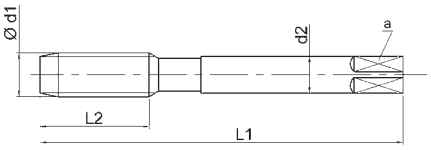
● Standard
❍ Disponibilità da richiedere, prezzo a listino *On enquiry, standard price-list / Stock à vérifier*
★ Solo a richiesta *Only on request / Sur demande*

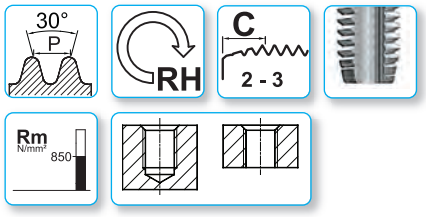
Rd

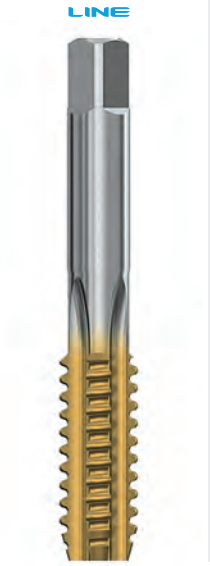
Filettatura tonda DIN 405
Round thread DIN 405
Rundgewinde DIN 405 – Rund-Gewindebohrer
Filetage rond DIN 405 – Tarauds à filets ronds
Rosca redonda DIN 405 – Machos de roscar redondo

N — USO GENERALE
General purpose - Usage Général

MASCHI A FILETTATURA TONDA
ROUND THREAD TAPS - TARAUD AVEC FILETS RONDS







Profond. di filettatura - *Thread depth - Profond. de filetage*	1xD	1xD
Materiale - *Material - Matériau*	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	7H	7H
Trattamento superficiale - *Surface treatment - Revêtement*	BR	TiN
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.1 1.2 1.3 1.4 4.1 4.2 5.1 5.2	1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.2 4.3 4.4 5.2 5.3

Ød1 Rd	P TPI	L_1	L_2	d_2 h9	a_2 h12	Z		CODICE - *CODE* E21RD...	E21RD...T		
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.
Autres diamètres disponibles sur demande.

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

Sur demande:
Filetage rond selon DIN 20400

Confezione: Singola
Box: Single
Colis: Unique

€ **Pag. listino** - *Price list - Liste des prix* 104 104

● Standard
○ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier
★ Solo a richiesta
Only on request / Sur demande

EG M

EG M

Filettatura ISO metrica DIN 8140-2 per filetti riportati

ISO Metric coarse thread DIN 8140-2 for wire thread inserts (STI)

Metrisches ISO-Regelgewinde für Gewindedrahteinsätze – Maschinengewindebohrer

Filetage métrique pour filets rapportés – Tarauds machine

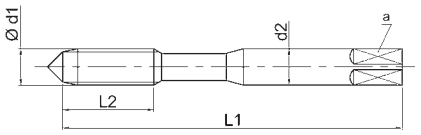
Rosca ISO métrica regular para insertos de hilo para roscas – Machos de roscar a máquina

N — USO GENERALE / *General purpose - Usage Général*

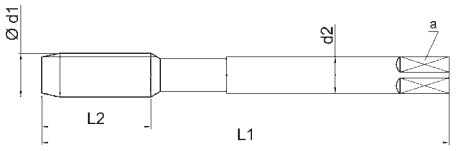
MASCHI A MACCHINA

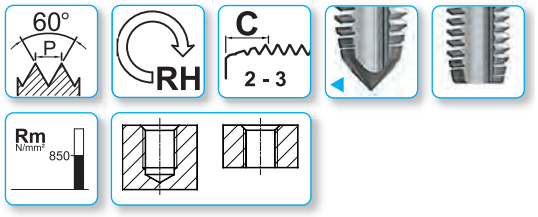
MACHINE TAPS - TARAUDS MACHINE

DIN 40435



DIN 40435





Profond. di filettatura - *Thread depth - Profond. de filetage*	1,5xD	1,5xD
Materiale - *Material - Matériau*	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	6H mod	6H mod
Trattamento superficiale - *Surface treatment - Revêtement*	BR	TiN
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E20EGM…	E20EGM…T
◀	**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	❍	❍

DIN 40435	EG M	P mm	Ød1	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E21EGM…	E21EGM…T
	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	★	★

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

€ **Pag. listino** - *Price list - Liste des prix* **105** **105**

● Standard

❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier

★ Solo a richiesta
Only on request / Sur demande

Filettatura ISO metrica DIN 8140-2 per filetti riportati

ISO Metric coarse thread DIN 8140-2 for wire thread inserts (STI)

Metrisches ISO-Regelgewinde für Gewindedrahteinsätze – Maschinengewindebohrer

Filetage métrique pour filets rapportés – Tarauds machine

Rosca ISO métrica regular para insertos de hilo para roscas – Machos de roscar a máquina

EG M

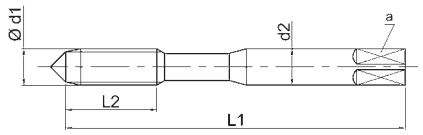
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

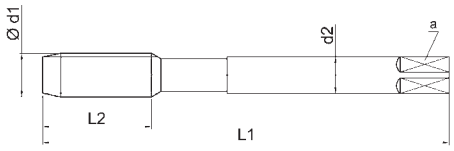
N USO GENERALE

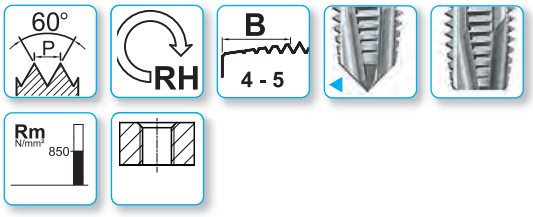
General purpose - Usage Général

DIN 40435



DIN 40435





Profond. di filettatura - *Thread depth - Profond. de filetage*	3xD	3xD
Materiale - *Material - Matériau*	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	6H mod	6H mod
Trattamento superficiale - *Surface treatment - Revêtement*	BR	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	1.1 1.2 1.3 1.4 4.1 4.2 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 40435	EG M	P mm	Ød1	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E24EGM…	E24EGM…XP		
◄	**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	❍	❍		

DIN 40435	EG M	P mm	Ød1	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E25EGM…	E25EGM…XP		
	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	★	★		

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

€ **Pag. listino** - *Price list - Liste des prix* **106** **106**

● Standard

❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier

★ Solo a richiesta
Only on request / Sur demande

EG M

Filettatura ISO metrica DIN 8140-2 per filetti riportati

ISO Metric coarse thread DIN 8140-2 for wire thread inserts (STI)

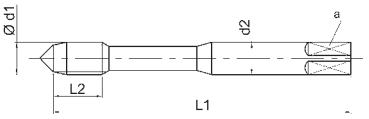
Metrisches ISO-Regelgewinde für Gewindedrahteinsätze – Maschinengewindebohrer
Filetage métrique pour filets rapportés – Tarauds machine
Rosca ISO métrica regular para insertos de hilo para roscas – Machos de roscar a máquina

N — USO GENERALE / *General purpose - Usage Général*

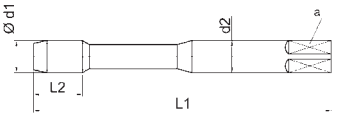
MASCHI A MACCHINA

MACHINE TAPS - TARAUDS MACHINE

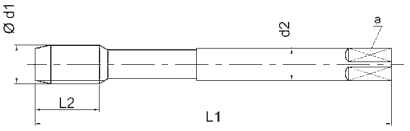
DIN 40435

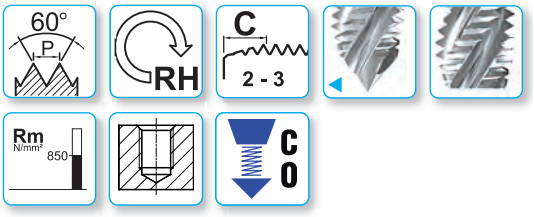


DIN 40435



DIN 40435





Profond. di filettatura - *Thread depth - Profond. de filetage*	2,5xD	2,5xD
Materiale - *Material - Matériau*	HSSE	HSSE
Tolleranza - *Tolerance - Tolérance*	6H mod	6H mod
Trattamento superficiale - *Surface treatment - Revêtement*	BR	XP
Numero gruppi materiali *Material's groups number* *Nombre de groupes du matériau*	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_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E60EGM…	E60EGM…XP
◀	**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	❍	❍

DIN 40435	EGM	P mm	Ød1	L_1	L_2	d_2 h9	a h12	Z		CODICE - *CODE* E61EGM…	E61EGM…XP
	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	★	★

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

€ **Pag. listino** - *Price list - Liste des prix* **106** **106**

● Standard

❍ Disponibilità da richiedere, prezzo a listino
On enquiry, standard price-list / Stock à vérifier

★ Solo a richiesta
Only on request / Sur demande