Un più vasto orizzonte

NUI UTENSILI EUROPA è la nuova società nata da Nui Utensili, ossia la Nuova Utensileria Italiana sorta a sua volta dallo scorporo dell'Utensileria Ansaldo dall'ambito dell'omonima grande industria genovese. La nuova realtà può quindi vantare una solida esperienza nella costruzione e nella commercializzazione di utensili per la lavorazione dei metalli e pertanto intende proporsi sul nuovo scenario dei mercati europei in via di integrazione, facendo valere questo prezioso "know-how" accumulato nei decenni passati. Per compiere questo importante passo avanti, sia quantitativo che qualitativo, NUI UTENSILI EUROPA si avvale di nuove risorse e sinergie il cui esito è immediatamente riscontrabile nel presente catalogo, dove la gamma è stata straordinariamente ampliata e approfondita. Con questa completezza dell'offerta, NUI UTENSILI EUROPA intende segnalarsi come partner affidabile e competente agli operatori dell'industria e della distribuzione industriale in ambito comunitario e globale.

Chi già conosceva e apprezzava i prodotti NUI, troverà qui numerose novità, come ad esempio l'intera sezione della fresatura (con l'aggiunta di un intero programma di metallo duro e frese ad alta velocità) e buona parte della sezione filettatura. Ma non mancano le innovazioni importanti anche nell'ambito della foratura (come le punte in metallo duro con fori di lubrificazione) e dell'alesatura che sono i campi in cui NUI è da sempre altamente specializzata e qualificata. Tutte queste importanti novità vanno pertanto ad aggiungersi alla qualità, alle garanzie e alla consulenza specializzata offerte da sempre dal marchio NUI, creando le premesse per la miglior riuscita della nuova impresa e della sua clientela vecchia e nuova.

A wider horizon

NUI UTENSILI EUROPA is a brand new company born from Nui Utensili, i.e. Nuova Utensileria Italiana (New Italian Tools) derived in turn from the break up of Ansaldo Tools from the homonymous great Genoese industry.

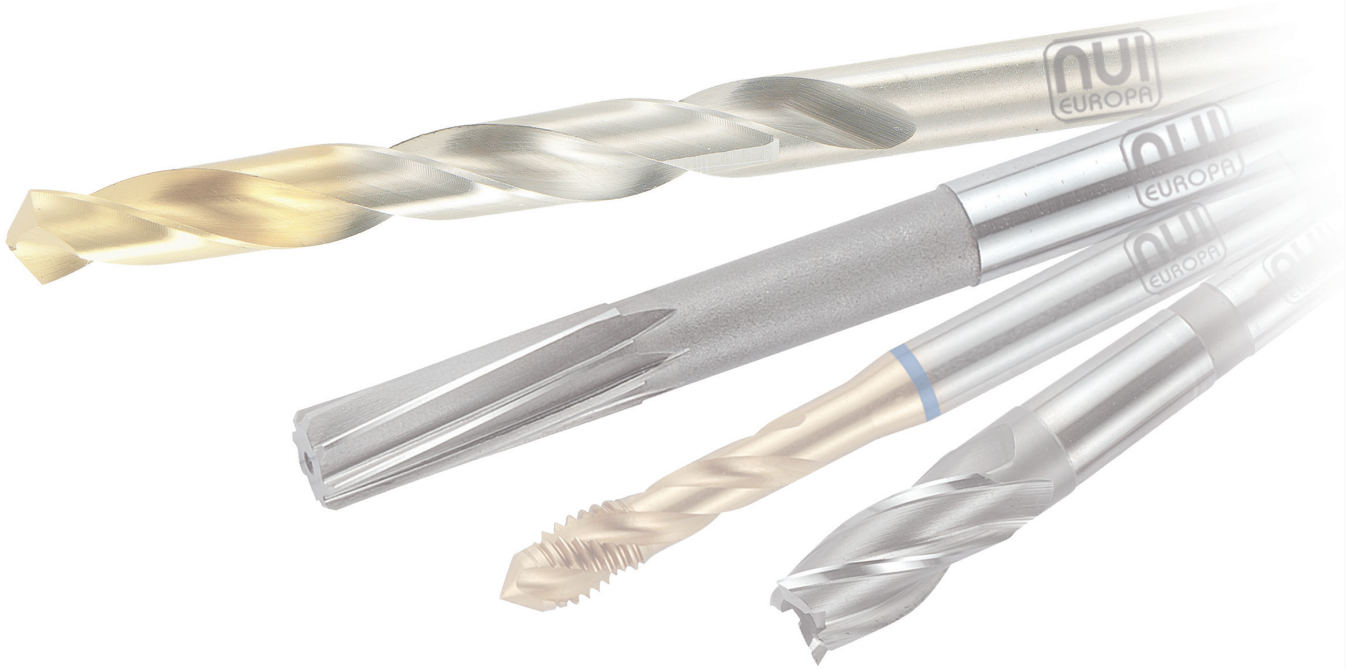
The new company can boast its great experience in building and selling metal cutting tools and therefore aims to propose itself on the new European global markets, relying on this precious "know-how" gained during the past decades.

In order to take such an important step forward to both quantity and quality, NUI UTENSILI EUROPA avails itself of new resources and synergies, whose result can be easily seen in this catalogue, as the range has been exceptionally increased and extended.

With this complete offer, NUI UTENSILI EUROPA aims to stand out as a reliable and experienced partner for both industry and industrial distribution operators on EU and global markets.

Those who already know and appreciate NUI products, can find here numbers of novelties as, for instance, the entire milling section (with the addition of an entire program of solid carbide and high speed cutting tools) and a large part of taps. But important innovations are present in the drilling (as the solid carbide drills with internal cooling) and reaming sections as well, fields where NUI has always been specialized and qualified.

Therefore, all these important novelties are to be added to quality, guarantees and professional consulting that NUI brand has always offered, creating the ground for the best success of the new company and of its old and new customers.



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MASCHI A MANO E FILIERE - *HAND TAPS AND ROUND DIES*

Scanalature diritte e imbocco corretto
Straight flutes and gun

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Elica 15° sinistra e destra
15° left and right spiral flutes

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Elica 35°, 40°
Spiral flutes 35°, 40°

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MASCHI A MACCHINA - *MACHINE TAPS*

Scanalature diritte e imbocco corretto
Straight flutes and gun

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Elica 10°-15°
10°-15° spiral flutes

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Elica 40°-50°
40°-50° spiral flutes

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MASCHI A MACCHINA "LINEA" - *"LINEA" MACHINE TAPS*

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Scanalature diritte e imbocco corretto
Straight flutes and gun

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Elica 15° sinistra e destra
15° left and right spiral flutes

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Elica 40°, 45°
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Punta maschi rotti
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MASCHI A MACCHINA AD ALTE PRESTAZIONI - *HIGH PERFORMANCE MACHINE TAPS*

Indice generale per articoli
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maschi e filiere - *taps and dies*											
COD	**pag.**	**COD**	**pag.**	**COD**	**pag.**	**COD**	**pag.**	**COD**	**pag.**	**COD**	**pag.**
13000	7	13203	43	13354	69	13662	104	13760	76	14000	8
13001	7	13204	42	13400	40	13670	6	13761	80	14003	8
13002	7	13206	42	13400TIN	40	13680	6	13770	74	14051	92
13003	7	13207	43	13402	41	13685	21	13771	77	14052	99
13005	9	13210	46	13404	40	13690	6	13772	78	14054	99
13008	9	13214	46	13406	40	13700	74	13780	74	14070	91
13010	10	13216	46	13407	41	13702	81	13781	80	14080	92
13012	10	13220	48	13411	45	13703	77	13782	81	14081	99
13015	12	13225	49	13412	45	13704	84	13783	81	14090	90
13017	12	13226	49	13415	45	13705	78	13790	74	14090TIN	90
13020	13	13227	66	13500	54	13706	85	13792	81	14200	92
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13032	14	13244	50	13505	63	13710	75	13804	22	14215	92
13040	15	13250	51	13506	59	13712	83	13805	22	14225	94
13043	15	13280	52	13506TIN	59	13720	75	13810	24	14228	94
13050	16	13300	55	13507	59	13722	83	13813	24	14240	95
13052	16	13300TIN	55	13509	41	13730	75	13815	24	14247	102
13060	18	13305	60	13513	61	13731	80	13820	26	14250	96
13070	19	13306	60	13514	61	13732	80	13830	27	14257	103
13080	17	13306TIN	60	13515	61	13733	77	13831	27	14300	98
13082	17	13307	60	13530	41	13734	84	13835	27	14306	99
13090	20	13310	56	13550	53	13740	76	13840	28	14316	100
13091	20	13315	58	13600	44	13742	81	13850	29	14317	101
13200	42	13316	64	13601	62	13743	82	13856	33	14550	97
13200TIN	42	13317	67	13602	62	13744	82	13860	31		
13201	43	13325	64	13603	62	13750	76	13870	32		
13202	43	13344	68	13660	104	13752	82	13880	30		

Assortimenti
Sets

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Maschi a mano
Hand taps

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Filiere a mano e a macchina
Round Dies

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MASCHI A MANO E FILIERE
HAND TAPS AND ROUND DIES

M-MF	Passo in mm - *Pitch in mm*											
	0,25	0,3	0,35	0,4	0,45	0,5	0,6	0,7	0,75	0,8	1	1,25
1	M #											
1,2	M											
1,4		M #										
1,6			M									
1,8			M §									
2	MF #			M								
2,2					M							
2,5			MF		M							
3			MF			M						
3,5			MF				M					
4						MF		M				
4,5									M			
5						MF				M		
5,5						MF						
6									MF		M	
7									MF		M	
8									MF		MF	M
9											MF	M
10									MF		MF	MF
11									MF		MF	
12											MF	MF
14											MF	MF
15											MF	
16											MF	
18											MF	
20											MF	
22											MF	
24											MF	
25												
27												
28												
30												
32												
33												
36												
39												
40												
42												
45												
48												
50												
52												
56												
60												
64												

=Filiera/*Die*
§ = Maschio/*Tap*

Passo in mm - *Pitch in mm*											M-MF
1,5	1,75	2	2,5	3	3,5	4	4,5	5	5,5	6	
											1
											1,2
											1,4
											1,6
											1,8
											2
											2,2
											2,5
											3
											3,5
											4
											4,5
											5
											5,5
											6
											7
											8
											9
M											10
M											11
MF	M										12
MF		M									14
MF											15
MF		M									16
MF			M								18
MF		MF	M								20
MF			M								22
MF		MF		M							24
MF		MF									25
MF		MF		M							27
MF		MF									28
MF		MF			M						30
MF		MF									32
MF		MF			M						33
MF		MF		MF		M					36
MF		MF		MF		M					39
MF		MF		MF							40
MF		MF		MF			M				42
MF		MF		MF			M				45
MF		MF		MF				M			48
MF		MF		MF							50
MF		MF		MF				M			52
									M #		56
									M #		60
										M #	64

=Filiera/*Die*

Pollici/ Inches	N° filetti per pollice - *No° threads per inch*											
	48	44	40	36	32	30	28	27	24	20	19	18
n°4	UNF		UNC									
n°5		UNF	UNC									
n°6			UNF		UNC							
n°8				UNF	UNC							
n°10					UNF				UNC			
n°12							UNF		UNC			
1/16"								NPT				
3/32"	BSP											
1/8"			BSW				BSP/BSPT	NPT				
5/32"					BSW		BSP					
3/16"									BSW			
7/32"									BSW			
1/4"							UNF			BSW/UNC	BSP/BSPT	NPT
5/16"									UNF			BSW/UNC
3/8"									UNF		BSP/BSPT	NPT
7/16"										UNF		
1/2"										UNF		
9/16"												UNF
5/8"												UNF
3/4"												
7/8"												
1"												
1-1/8"												
1-1/4"												
1-3/8"												
1-1/2"									PG	20	18	16
1-3/4"									7	PG		
2"									9		PG	
2-1/4"									11		PG	
2-1/2"									13,5		PG	
2-3/4"									16		PG	
3"									21			PG
3-1/4"									29			PG
3-1/2"									36			PG
3-3/4"									42			PG
4"									48			PG

N° filetti per pollice - *No° threads per inch*											Pollici/ Inches
16	14	13	12	11,1/2	11	10	9	8	7	6	
											n°4
											n°5
											n°6
											n°8
											n°10
											n°12
											1/16"
											3/32"
											1/8"
											5/32"
											3/16"
											7/32"
											1/4"
											5/16"
BSW/UNC											3/8"
	BSW/UNC										7/16"
	BSP/BSPT/NPT	UNC	BSW								1/2"
			BSW/UNC								9/16"
	BSP				BSW/UNC						5/8"
UNF	BSP/BSPT/NPT					BSW/UNC					3/4"
	BSP/UNF						BSW/UNC				7/8"
			UNF	NPT	BSP/BSPT			BSW/UNC			1"
			UNF		BSP				BSW/UNC		1-1/8"
			UNF	NPT	BSP/BSPT				BSW/UNC		1-1/4"
			UNF		BSP					BSW/UNC	1-3/8"
			UNF	NPT	BSP/BSPT					BSW/UNC	1-1/2"
					BSP						1-3/4"
				NPT	BSP/BSPT						2"
					BSP						2-1/4"
					BSP/BSPT §						2-1/2"
					BSP §						2-3/4"
					BSP/BSPT §						3"
					BSP §						3-1/4"
					BSP/BSPT §						3-1/2"
					BSP §						3-3/4"
					BSP/BSPT §						4"

§ = Maschi/*Tap*

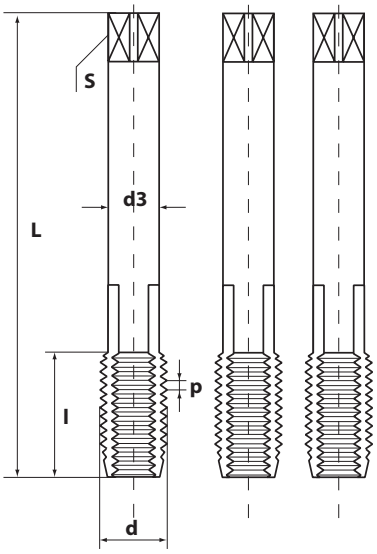
Assortimenti maschi e punte da preforo

Taps and tapping drills sets

Codice - *Code*	**13670**	**13680**		**13690**
Norma - *Standard*	**DIN 352**	**DIN 352**	**DIN 338**	**DIN 352**
Filettatura - *Thread form*	**M**	**M**	**M**	**M**
Tipo foro - *Hole type*				
Materiale - *Material*	HSS	HSS	HSS	HSS
Imbocco - *Chamfer*	C	C		C
Tolleranza - *Tolerance*	6H	6H		6H
Rivestimento- *Coating*				
Ampiezza gamma - *Size range*	3:12	3:12	2,5:10,2	3:10
	7 serie *sets*	7 serie *sets*	7 punte *drills (mm)*	6 inserti *bits*
	M3	M3	2,5	M3
	M4	M4	3,3	M4
	M5	M5	4,2	M5
	M6	M6	5	M6
	M8	M8	6,8	M8
	M10	M10	8,5	M10
	M12	M12	10,2	
	in stock	**in stock**		**in stock**
	o	o		o

Maschi a mano in serie di 3 pezzi
filettatura metrica ISO passo grosso

Hand taps set of 3 pieces
ISO metric coarse threads



M

DIN 352

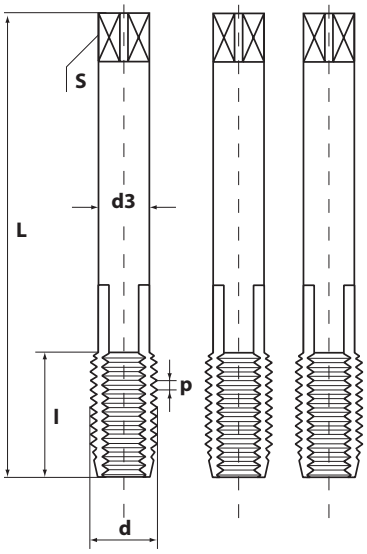
1,5xD

		(1°)	(2°)	(3°)
Codice - *Code*	**13000**	**13001**	**13002**	**13003**
Materiale - *Material*	HSS	HSS	HSS	HSS
Imbocco - *Chamfer*	C			C
Tolleranza - *Tolerance*	6H	6H	6H	6H

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
1,2	0,25	32	5,5	2,5	2,1	1	o	o	o	o
1,6	0,35	32	8	2,5	2,1	1,25	o	o	o	o
1,8	0,35	32	8	2,5	2,1	1,4	o	o	o	o
2	0,4	36	8	2,8	2,1	1,6	o	o	o	o
2,2	0,45	36	9	2,8	2,1	1,75	o	o	o	o
2,5	0,45	40	9	2,8	2,1	2	o	o	o	o
3	0,5	40	10	3,5	2,7	2,5	o	o	o	o
3,5	0,6	45	12	4	3	2,9	o	o	o	o
4	0,7	45	12	4,5	3,4	3,3	o	o	o	o
4,5	0,75	50	14	6	4,9	3,7	o	o	o	o
5	0,8	50	14	6	4,9	4,2	o	o	o	o
6	1	50	16	6	4,9	5	o	o	o	o
7	1	50	18	6	4,9	6	o	o	o	o
8	1,25	56	22	6	4,9	6,8	o	o	o	o
9	1,25	63	22	7	5,5	7,8	o	o	o	o
10	1,5	70	24	7	5,5	8,5	o	o	o	o
11	1,5	70	24	8	6,2	9,5	o	o	o	o
12	1,75	75	29	9	7	10,2	o	o	o	o
14	2	80	30	11	9	12	o	o	o	o
16	2	80	32	12	9	14	o	o	o	o
18	2,5	95	40	14	11	15,5	o	o	o	o
20	2,5	95	40	16	12	17,5	o	o	o	o
22	2,5	100	40	18	14,5	19,5	o	o	o	o
24	3	110	50	18	14,5	21	o	o	o	o
27	3	110	50	20	16	24	o	o	o	o
30	3,5	125	56	22	18	26,5	o	o	o	o
33	3,5	125	56	25	20	29,5	o	o	o	o
36	4	150	63	28	22	32	o	o	o	o
39	4	150	63	32	24	35	o	o	o	o
42	4,5	150	63	32	24	37,5	o	o	o	o
45	4,5	160	70	36	29	40,5	o	o	o	o
48	5	180	75	36	29	43	o	o	o	o
52	5	180	75	40	32	47	o	o	o	o

Maschi a mano in serie di 3 pezzi
filettatura metrica ISO passo grosso

Hand taps set of 3 pieces
ISO metric coarse threads



M

DIN 352 | **1,5xD**

HSSE | **6HX**

(3°)

Codice - *Code*	14000	14003
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	6HX	6HX

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
3	0,5	40	10	3,5	2,7	2,5	o	o
4	0,7	45	12	4,5	3,4	3,3	o	o
5	0,8	50	13	6	4,9	4,2	o	o
6	1	50	16	6	4,9	5	o	o
8	1,25	56	20	6	4,9	6,8	o	o
10	1,5	70	22	7	5,5	8,5	o	o
12	1,75	75	24	9	7	10,2	o	o
14	2	80	26	11	9	12	o	o
16	2	80	27	12	9	14	o	o
20	2,5	95	32	16	12	17,5	o	o

Maschi a mano in serie di 3 pezzi

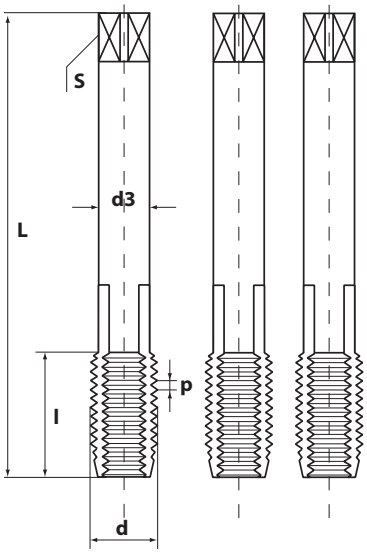
filettatura metrica ISO passo grosso

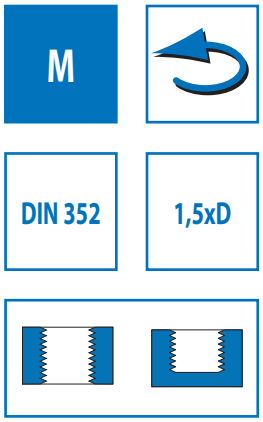
sinistra

Hand taps set of 3 pieces

ISO metric coarse threads

LH





(3°)

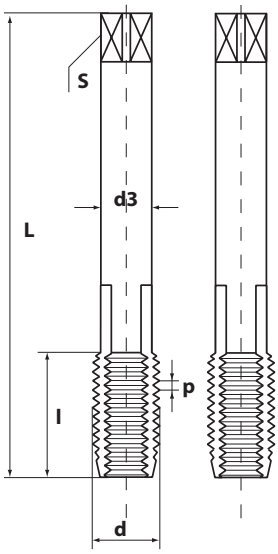
Codice - *Code*	**13005**	**13008**
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	6H	6H

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
3	0,5	40	10	3,5	2,7	2,5	●	●
3,5	0,6	45	12	4	3	2,9	●	●
4	0,7	45	12	4,5	3,4	3,3	●	●
4,5	0,75	50	14	6	4,9	3,7	●	●
5	0,8	50	14	6	4,9	4,2	●	●
6	1	50	16	6	4,9	5	●	●
7	1	50	18	6	4,9	6	●	●
8	1,25	56	22	6	4,9	6,8	●	●
9	1,25	63	22	7	5,5	7,8	●	●
10	1,5	70	24	7	5,5	8,5	●	●
12	1,75	75	29	9	7	10,2	●	●
14	2	80	30	11	9	12	●	●
16	2	80	32	12	9	14	●	●
18	2,5	95	40	14	11	15,5	●	●
20	2,5	95	40	16	12	17,5	●	●
22	2,5	100	40	18	14,5	19,5	●	●
24	3	110	50	18	14,5	21	●	●
27	3	110	50	20	16	24	⊙	⊙
30	3,5	125	56	22	18	26,5	⊙	⊙

⊙ Nuove misure-*New sizes*

Maschi a mano in serie di 2 pezzi
filettatura metrica ISO passo fine

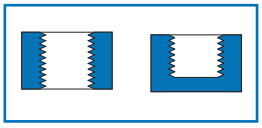
Hand taps set of 2 pieces
ISO metric fine threads



MF

DIN 2181

1,5xD



(2°)

Codice - *Code*	13010	13012
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	6H	6H

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
2,5	0,35	40	9	2,8	2,1	2,1	o	o
3	0,35	40	9	3,5	2,7	2,6	o	o
3,5	0,35	45	10	4	3	3,1	o	o
4	0,5	45	10	4,5	3,4	3,5	o	o
5	0,5	50	12	6	4,9	4,5	o	o
5,5	0,5	50	12	6	4,9	5	o	o
6	0,75	50	14	6	4,9	5,2	o	o
7	0,75	50	14	6	4,9	6,2	o	o
8	0,75	50	19	6	4,9	7,2	o	o
8	1	56	22	6	4,9	7	o	o
9	0,75	56	19	7	5,5	8,2	o	o
9	1	63	22	7	5,5	8	o	o
10	0,75	63	20	7	5,5	9,2	o	o
10	1	63	20	7	5,5	9	o	o
10	1,25	70	24	7	5,5	8,8	o	o
11	0,75	63	20	8	6,2	10,2	o	o
11	1	63	20	8	6,2	10	o	o
12	1	70	22	9	7	11	o	o
12	1,25	70	22	9	7	10,75	o	o
12	1,5	70	22	9	7	10,5	o	o
14	1	70	22	11	9	13	o	o
14	1,25	70	22	11	9	12,75	o	o
14	1,5	70	22	11	9	12,5	o	o
15	1	70	22	12	9	14	o	o
15	1,5	70	22	12	9	13,5	o	o
16	1	70	22	12	9	15	o	o
16	1,5	70	22	12	9	14,5	o	o
18	1	80	22	14	11	17	o	o
18	1,5	80	22	14	11	16,5	o	o
20	1	80	22	16	12	19	o	o
20	1,5	80	22	16	12	18,5	o	o
20	2	80	22	16	12	18	⊙	⊙
22	1	80	22	18	14,5	21	o	o

⊙ Nuove misure-*New sizes*

Maschi a mano in serie di 2 pezzi
filettatura metrica ISO passo fine

Hand taps set of 2 pieces
ISO metric fine threads

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		13010 in stock	13012 in stock
22	1 ,5	80	22	18	14,5	21	o	o
24	1	90	22	18	14,5	23	o	o
24	1,5	90	22	18	14,5	22,5	o	o
24	2	90	22	18	14,5	22	o	o
25	1,5	90	22	18	14,5	23,5	o	o
25	2	90	22	18	14,5	23	o	o
27	1,5	90	22	20	16	25,5	o	o
27	2	90	22	20	16	25	o	o
28	1,5	90	22	20	16	26,5	o	o
28	2	90	22	20	16	26	o	o
30	1,5	90	22	22	18	28,5	o	o
30	2	90	22	22	18	28	o	o
32	1,5	90	22	22	18	30,5	o	o
32	2	90	22	22	18	30	o	o
33	1,5	100	25	25	20	31,5	o	o
33	2	100	25	25	20	31	o	o
36	1,5	100	25	28	22	34,5	o	o
36	2	125	40	28	22	34	o	o
36	3	125	40	28	22	33	o	o
39	1,5	110	25	32	24	37,5	o	o
39	2	125	40	32	24	37	o	o
39	3	125	40	32	24	36	o	o
40	1,5	110	25	32	24	38,5	o	o
40	2	125	40	32	24	38	o	o
40	3	125	40	32	24	37	o	o
42	1,5	110	25	32	24	40,5	o	o
42	2	125	40	32	24	40	o	o
42	3	125	40	32	24	39	o	o
45	1,5	110	25	36	29	43,5	o	o
45	2	125	40	36	29	43	o	o
45	3	125	40	36	29	42	o	o
48	1,5	140	40	36	29	46,5	o	o
48	2	140	40	36	29	46	o	o
48	3	140	40	36	29	45	o	o
50	1,5	140	40	40	29	48,5	o	o
50	2	140	40	40	29	48	o	o
50	3	140	40	40	29	47	o	o
52	1,5	140	40	40	32	50,5	o	o
52	2	140	40	40	32	50	o	o
52	3	140	40	40	32	49	o	o

Maschi a mano in serie di 2 pezzi

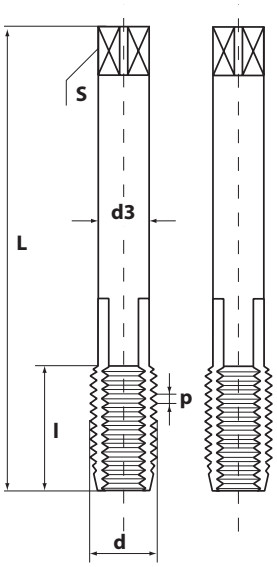
filettatura metrica ISO passo fine

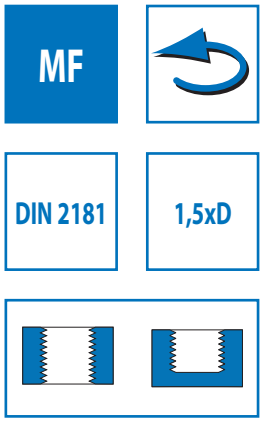
sinistra

Hand taps set of 2 pieces

ISO metric fine threads

LH



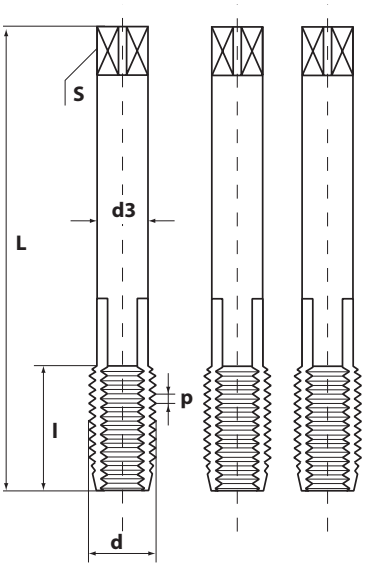


Codice - *Code*	13015	13017 (2°)
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	6H	6H

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
6	0,75	50	14	6	4,9	5,2	o	o
8	0,75	50	19	6	4,9	7,2	o	o
8	1	56	22	6	4,9	7	o	o
10	1	63	20	7	5,5	9	o	o
10	1,25	70	24	7	5,5	8,8	o	o
12	1	70	22	9	7	11	o	o
12	1,25	70	22	9	7	10,75	o	o
12	1,5	70	22	9	7	10,5	o	o
14	1,25	70	22	11	9	12,75	o	o
14	1,5	70	22	11	9	12,5	o	o
16	1,5	70	22	12	9	14,5	o	o
18	1,5	80	22	14	11	16,5	o	o
20	1,5	80	22	16	12	18,5	o	o
22	1,5	80	22	18	14,5	20,5	o	o
24	1,5	90	22	18	14,5	22,5	o	o

Maschi a mano in serie di 3 pezzi
filettatura Whitworth BSW

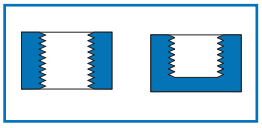
Hand taps set of 3 pieces
Whitworth threads



BSW

≈DIN 352

1,5xD

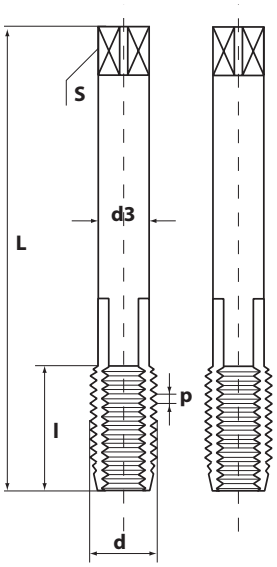


	13020	13023
		(3°)
Codice - *Code*	**13020**	**13023**
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	media-*medium*	media-*medium*

BSW d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
3/32"	48	36	10	2,8	2,1	1,8	o	o
1/8"	40	40	12	3,5	2,7	2,5	o	o
5/32"	32	45	14	4,5	3,4	3,1	o	o
3/16"	24	50	18	6	4,9	3,6	o	o
7/32"	24	50	18	6	4,9	4,4	o	o
1/4"	20	50	19	6	4,9	5,1	o	o
5/16"	18	56	22	6	4,9	6,5	o	o
3/8"	16	70	24	7	5,5	7,9	o	o
7/16"	14	70	24	8	6,2	9,3	o	o
1/2"	12	75	29	9	7	10,5	o	o
9/16"	12	80	30	11	9	12	o	o
5/8"	11	80	32	12	9	13,5	o	o
3/4"	10	95	40	14	11	16,5	o	o
7/8"	9	100	40	18	14,5	19,25	o	o
1"	8	110	50	18	14,5	22	o	o
1-1/8"	7	132	56	22	18	24,75	o	o
1-1/4"	7	132	56	22	18	27,75	o	o
1-3/8"	6	150	63	28	22	30,5	o	o
1-1/2"	6	150	63	32	24	33,5	o	o

Maschi a mano in serie di 2 pezzi
filettatura gas cilindrica BSP

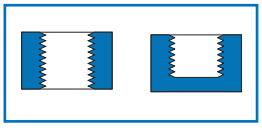
Hand taps set of 2 pieces
BSP threads



BSP

DIN 5157

1,5xD



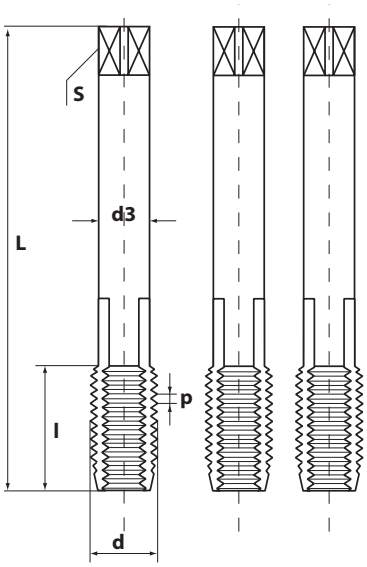
(2°)

Codice - *Code*	13030	13032
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	media-*medium*	media-*medium*

BSP d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
G 1/8"	28	63	20	7	5,5	8,8	o	o
G 1/4"	19	63	22	11	9	11,8	o	o
G 3/8"	19	70	22	12	9	15,25	o	o
G 1/2"	14	80	22	16	12	19	o	o
G 5/8"	14	80	22	18	14,5	21	o	o
G 3/4"	14	90	22	20	16	24,5	o	o
G 7/8"	14	90	22	22	18	28,25	o	o
G 1"	11	100	25	25	20	30,75	o	o
G 1-1/8"	11	125	40	28	22	35,5	o	o
G 1-1/4"	11	125	40	32	24	39,5	o	o
G 1-3/8"	11	140	40	36	29	42	o	o
G 1-1/2"	11	140	40	36	32	45	o	o
G 1-3/4	11	140	40	40	35	51	o	o
G 2"	11	160	40	45	39	57	o	o
G 2-1/4"	11	160	40	50	39	63	o	o
G 2-1/2"	11	160	40	50	39	73	o	o
G 2-3/4"	11	160	40	50	39	79	o	o
G 3"	11	160	40	50	39	85	o	o
G 3-1/4"	11	180	45	56	44	90	o	o
G 3-1/2"	11	180	45	56	44	98	o	o
G 3-3/4"	11	180	45	56	44	104	o	o
G 4"	11	180	45	56	44	110,5	o	o

Maschi a mano in serie di 3 pezzi
filettatura americana UNC

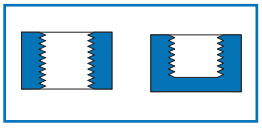
Hand taps set of 3 pieces
UNC threads



UNC

≈DIN 352

1,5xD



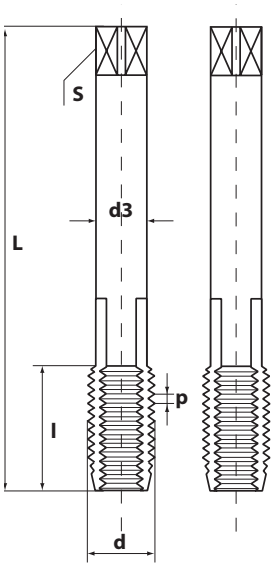
(3°)

Codice - *Code*	13040	13043
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	2B	2B

UNC d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
n°4	40	40	12	3,5	2,7	2,3	o	o
n°5	40	40	12	3,5	2,7	2,6	o	o
n°6	32	45	14	4	3	2,8	o	o
n°8	32	45	14	4,5	3,4	3,5	o	o
n°10	24	50	16	6	4,9	3,9	o	o
n°12	24	50	18	6	4,9	4,5	o	o
1/4"	20	50	19	6	4,9	5,2	o	o
5/16"	18	56	22	6	4,9	6,6	o	o
3/8"	16	70	24	7	5,5	8	o	o
7/16"	14	70	24	8	6,2	9,4	o	o
1/2"	13	80	29	9	7	10,75	o	o
9/16"	12	80	30	11	9	12,25	o	o
5/8"	11	80	32	12	9	13,5	o	o
3/4"	10	95	40	14	11	16,5	o	o
7/8"	9	100	40	18	14,5	19,5	o	o
1"	8	110	50	18	14,5	22,25	o	o
1-1/8"	7	132	56	22	18	25	o	o
1-1/4"	7	132	56	22	22	28,25	o	o
1-3/8"	6	150	63	28	24	30,75	o	o
1-1/2"	6	150	63	32	24	34	o	o

Maschi a mano in serie di 2 pezzi
filettatura americana UNF

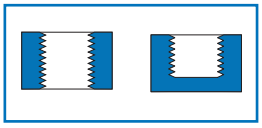
Hand taps set of 2 pieces
UNF threads



UNF

≈DIN 2181

1,5xD



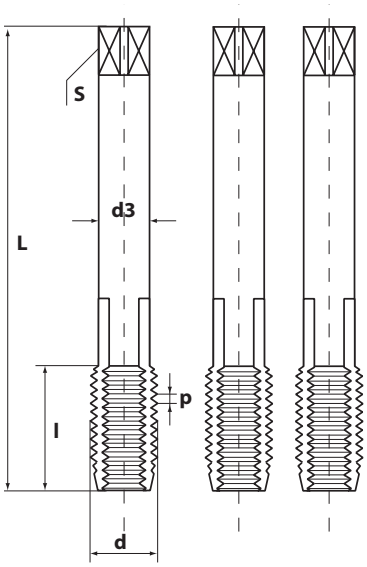
(2°)

Codice - *Code*	13050	13052
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	media-*medium*	media-*medium*

UNF d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
n°4	48	36	11	3,5	2,7	2,4	o	o
n°5	44	36	11	3,5	2,7	2,7	o	o
n°6	40	40	12	4,5	3,4	3	o	o
n°8	36	40	12	4,5	3,4	3,5	o	o
n°10	32	45	14	6	4,9	4,1	o	o
n°12	28	50	14	6	4,9	4,6	o	o
1/4"	28	50	18	6	4,9	5,5	o	o
5/16"	24	56	22	6	4,9	6,9	o	o
3/8"	24	63	22	7	5,5	8,5	o	o
7/16"	20	63	22	8	6,2	9,9	o	o
1/2"	20	75	24	9	7	11,5	o	o
9/16"	18	80	28	11	9	12,9	o	o
5/8"	18	80	28	12	9	14,5	o	o
3/4"	16	95	32	14	11	17,5	o	o
7/8"	14	100	36	18	14,5	20,25	o	o
1"	12	110	40	18	14,5	23,25	o	o
1-1/8"	12	110	50	22	18	26,5	o	o
1-1/4"	12	132	56	22	18	29,5	o	o
1-3/8"	12	132	56	28	22	32,5	o	o
1-1/2"	12	150	63	32	24	36	o	o

Maschi a mano in serie di 2 pezzi
filettatura PG per condotte elettriche

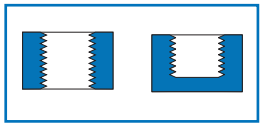
Hand taps set of 2 pieces
PG threads for steel conduits



PG

DIN 40432

1,5xD



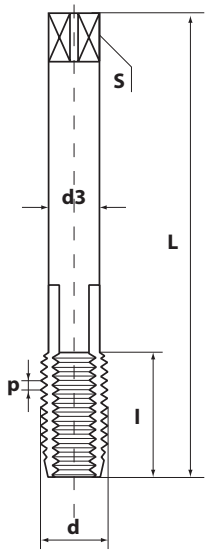
(2°)

Codice - *Code*	13080	13082
Materiale - *Material*	HSS	HSS
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	2B	2B

PG	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
PG 7	12,5	20	70	22	9	7	11,25	o	o
PG 9	15,2	18	70	22	12	9	14	o	o
PG11	18,6	18	80	22	14	11	17,25	o	o
PG13,5	20,4	18	80	22	16	12	19	o	o
PG16	22,5	18	80	22	18	14,5	21,25	o	o
PG21	28,3	16	90	22	22	18	27	o	o
PG29	37	16	100	25	28	22	35,5	o	o
PG36	47	16	140	40	36	29	46	o	o
PG42	54	16	140	40	40	32	52,5	o	o
PG48	59,3	16	160	40	45	35	58	o	o

Maschi a mano e a macchina
filettatura gas conica BSPT
Conicità 1:16

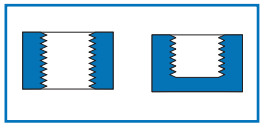
Hand and machine taps
BSPT threads
Taper 1:16



BSPT

ISO Rc 7/1

1,5xD

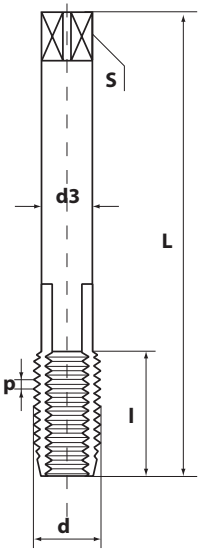


Codice - *Code*	**13060**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C
Tolleranza - *Tolerance*	

BSPT d	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
Rc1/8"	28	59	24	8	6	8,4	o
Rc1/4"	19	69	34	11	9	11,2	o
Rc3/8"	19	72	34	12	9	14,75	o
Rc1/2"	14	90	46	17,5	14,5	18,25	o
Rc3/4"	14	94	46	23	18	23,5	o
Rc1"	11	108	58	28,5	22	30	o
Rc1-1/4"	11	115	58	33,5	26	38,5	o
Rc1-1/2"	11	121	58	38	29	44,5	o
Rc2"	11	127	58	47,5	39	56	o
Rc2-1/2"	11	140	65	57	44	71	o
Rc3"	11	152	66,5	66,5	55	85	o
Rc3-1/2"	11	165	68	71,5	55	103	o
Rc4"	11	171	70	76	61	110,5	o

Maschi a mano e a macchina
filettatura gas conica americana NPT
Conicità 1:16

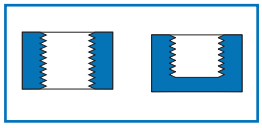
Hand and machine taps
NPT threads
Taper 1:16



NPT

ANSI B 2.1

1,5xD



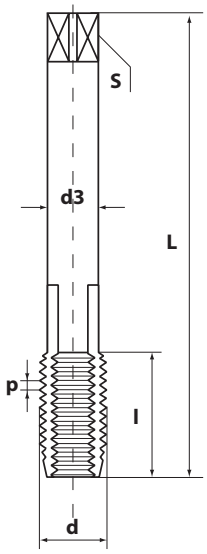
13070

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C
Tolleranza - *Tolerance*	

NPT d	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
1/16"	27	56	18	7	5,5	6,1	o
1/8"	27	65	19	8	6	8,5	o
1/4"	18	70	25	11	9	11	o
3/8"	18	75	26	12	9	14,5	o
1/2"	14	80	35	18	14,5	18	o
3/4"	14	90	35	20	16	23	o
1"	11 -1/2	100	38	25	20	29	o
1-1/4"	11- 1/2	110	41	32	24	38	o
1-1/2"	11- 1/2	120	42	36	29	44	o
2"	11- 1/2	140	44	36	29	56	o

Maschi a mano e a macchina corti
filettatura metrica ISO passo grosso

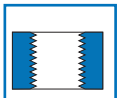
Short machine and hand taps
ISO metric coarse threads

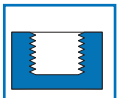


M

DIN 352

1,5xD





Codice - *Code*	**13090**	**13091**
Materiale - *Material*	HSSE	HSSE
Imbocco ed elica - *Chamfer*	C	C R35
Tolleranza - *Tolerance*	6H	6H

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
2,5	0,45	40	9	2,8	2,1	2	o	o
3	0,5	40	9	3,5	2,7	2,5	o	o
3,5	0,6	45	11	4	3	2,9	o	o
4	0,7	45	13	4,5	3,4	3,3	o	o
4,5	0,75	50	16	6	4,9	3,7	o	o
5	0,8	50	16	6	4,9	4,2	o	o
6	1	50	19	6	4,9	5	o	o
8	1,25	56	22	6	4,9	6,8	o	o
10	1,5	70	24	7	5,5	8,5	o	o
12	1,75	75	29	9	7	10,2	o	o
14	2	80	30	11	9	12	o	o
16	2	80	32	12	9	14	o	o
18	2,5	95	40	14	11	15,5	o	o
20	2,5	95	40	16	12	17,5	o	o

DIN
1814

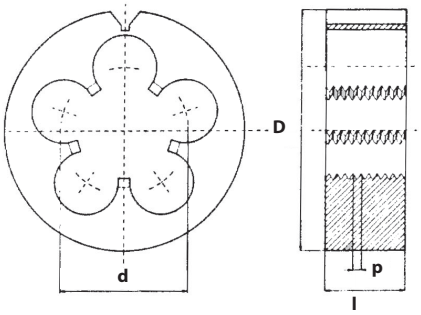
Codice - *Code* 13685

Materiale - *Material*	
Imbocco - *Chamfer*	
Tolleranza - *Tolerance*	

Grandezza-*Size*	mm/min	mm/max	M/min	M/max	in stock
0	2,1	4,9	M 1	M 8	o
1	2,4	5,5	M 3	M 10	o
1,1/2	2,4	7	M 3	M 12	o
2	3,4	8	M 4	M 12	o
3	4,9	12	M 5	M 20	o
4	5,5	16	M 10	M 27	o
5	9	20	M 14	M 33	o
6	11	24	M 18	M 42	o
7	14,5	32	M 25	M 52	o

Filiere a mano e a macchina
filettatura metrica ISO passo grosso

Round dies
ISO metric coarse threads



M

DIN-EN 22568

2xD

13801 = sinistra - *LH*

13804 = per macchine automatiche - *for automatic machines*

13805 = per inox - *for stainless steel*

Codice - *Code*	**13800**	**13801**	**13804**	**13805**
Materiale - *Material*	HSS	HSS	HSSE	HSSE
Imbocco - *Chamfer*	i.c.-*s.p.*	i.c.-*s.p.*	i.c.-*s.p.*	i.c.-*s.p.*
Tolleranza - *Tolerance*	6g	6g	6g	6g
Finitura - *Finishing*				Vap-*Ox*

M d mm	p mm	D mm	l mm		in stock	in stock	D mm	in stock	in stock
1	0,25	16	5	0,96	⊙				
1,4	0,3	16	5	1,35	⊙				
1,6	0,35	16	5	1,55	⊙				
2	0,4	16	5	1,95	●				
2,2	0,45	16	5	2,15	⊙				
2,5	0,45	16	5	2,45	●				
3	0,5	20	5	2,93	●	●	16	●	●
3,5	0,6	20	5	3,41	●	●			
4	0,7	20	5	3,91	●	●	16	●	●
4,5	0,75	20	7	4,4	●	●			
5	0,8	20	7	4,9	●	●	20	●	●
6	1	20	7	5,88	●	●	20	●	●
7	1	25	9	6,88	●	●	25	●	
8	1,25	25	9	7,87	●	●	25	●	●
9	1,25	25	9	8,86	●	●			
10	1,5	30	11	9,85	●	●	30	●	●
11	1,5	30	11	10,85	●				
12	1,75	38	14	11,83	●	●	35	●	●
14	2	38	14	13,82	●	●	35	●	●
16	2	45	18	15,82	●	●	45	●	●
18	2,5	45	18	17,79	●	●			●
20	2,5	45	18	19,79	●	●			●
22	2,5	55	22	21,79	●	●			⊙
24	3	55	22	23,77	●	●			⊙
27	3	65	25	26,77	●	⊙			⊙
30	3,5	65	25	29,73	●	⊙			⊙
33	3,5	65	25	32,73	●				
36	4	65	25	35,7	●				
39	4	75	30	38,7	●				
42	4,5	75	30	41,69	●				
45	4,5	90	36	44,69	●				
48	5	90	36	47,66	●				
52	5	90	36	51,66	●				

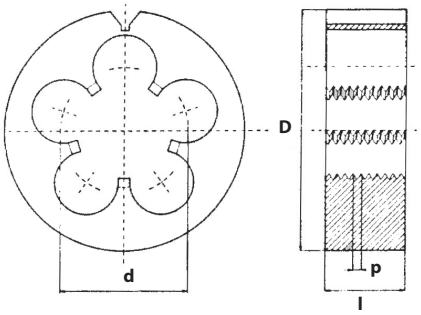
⊙ Nuove misure-*New sizes*

M d mm	p mm	D mm	l mm		13800 in stock
56	5 ,5	105	36	55,65	⊙
60	5,5	105	36	59,65	⊙
64	6	120	36	63,62	⊙

⊙ Nuove misure-*New sizes*

Filiere a mano e a macchina
filettatura metrica ISO passo fine

Round dies
ISO metric fine threads



MF

DIN-EN 22568

2xD

13815 = sinistra - *LH*
13813 = per inox - *for stainless steel*

Codice - *Code*	**13810**	**13815**	**13813**
Materiale - *Material*	HSS	HSS	HSSE
Imbocco - *Chamfer*	i.c.-*s.p.*	i.c.-*s.p.*	i.c.-*s.p.*
Tolleranza - *Tolerance*	6g	6g	6g
Finitura - *Finishing*			Vap-*Ox*

MF d mm	p mm	D mm	l mm		in stock	in stock	in stock
2	0,25	16	5	1,97	●		
2,5	0,35	16	5	2,44	●		
3	0,35	20	5	2,94	●		
3,5	0,35	20	5	3,44	●		
4	0,5	20	5	3,92	●		
5	0,5	20	5	4,92	●		
5,5	0,5	20	5	5,42	●		
6	0,5	20	7	5,92	⊙		
6	0,75	20	7	5,90	●	●	
7	0,75	25	9	6,90	●		
8	0,75	25	9	7,90	●	●	
8	1	25	9	7,88	●	●	●
9	0,75	25	9	8,90	●		
9	1	25	9	8,88	●		
10	0,75	30	11	9,90	●		
10	1	30	11	9,88	●	●	●
10	1,25	30	11	9,86	●	●	
11	0,75	30	11	10,90	●		
11	1	30	11	10,88	●		
12	1	38	10	11,88	●	●	
12	1,25	38	10	11,86	●	●	●
12	1,5	38	10	11,85	●	●	●
14	1	38	10	13,88	●	●	
14	1,25	38	10	13,86	●	●	
14	1,5	38	10	13,85	●	●	●
15	1	38	10	14,88	●		
15	1,5	38	10	14,85	●		
16	1	45	14	15,88	●	●	
16	1,25	45	14	15,86	●		
16	1,5	45	14	15,85	●	●	●
18	1	45	14	17,88	●	●	
18	1,5	45	14	17,85	●	●	●
18	2	45	14	17,82	⊙	⊙	

⊙ Nuove misure-*New sizes* **NUOVO - *NEW***

Filiere a mano e a macchina
filettatura metrica ISO passo fine

Round dies
ISO metric fine threads

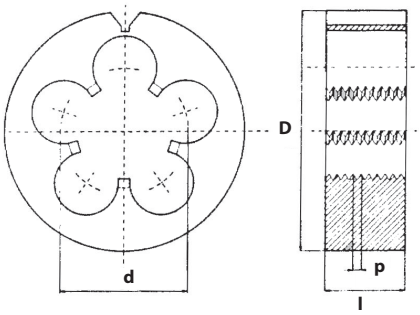
MF d mm	p mm	D mm	l mm		13810 in stock	13815 in stock	13813 in stock
20	1	45	14	19,88	o	o	
20	1,5	45	14	19,85	o	o	o
20	2	45	14	19,82	o	⊙	
22	1	55	16	21,88	o	o	
22	1,5	55	16	21,85	o	o	o
22	2	55	16	21,82	o	⊙	
24	1	55	16	23,88	o	⊙	
24	1,5	55	16	23,85	o	o	o
24	2	55	16	23,82	o	o	
25	1,5	65	18	24,85	o		
25	2	65	18	24,82	o		
26	1,5	65	18	25,85	⊙		
26	2	65	18	25,82	⊙		
27	1,5	65	18	26,85	o		
27	2	65	18	26,82	o		
28	1,5	65	18	27,85	o		
28	2	65	18	27,82	o		
30	1,5	65	18	29,85	o		
30	2	65	18	29,82	o	⊙	
32	1,5	65	18	31,85	o		
32	2	65	18	31,82	o		
33	1,5	65	18	32,85	o		
33	2	65	18	32,82	o		
36	1,5	65	18	35,85	o		
36	2	65	18	35,82	o		
36	3	65	25	35,76	o		
39	1,5	75	20	38,85	o		
39	2	75	20	38,82	o		
39	3	75	30	38,76	o		
40	1,5	75	20	39,85	o		
40	2	75	20	39,82	o		
40	3	75	30	39,76	o		
42	1,5	75	20	41,85	o		
42	2	75	20	41,82	o		
42	3	75	30	41,76	o		
45	1,5	90	22	44,85	o		
45	2	90	22	44,82	o		
45	3	90	36	44,76	o		
48	1,5	90	22	47,85	o		
48	2	90	22	47,82	o		
48	3	90	36	47,76	o		
50	1,5	90	22	49,85	o		
50	2	90	22	49,82	o		
50	3	90	36	49,76	o		
52	1,5	90	22	51,85	o		
52	2	90	22	51,82	o		
52	3	90	36	51,76	o		

NUOVO - *NEW*

⊙ Nuove misure-*New sizes*

Filiere a mano e a macchina
filettatura Whitworth BSW

Round dies
Whitworth threads



BSW

DIN-EN 22568

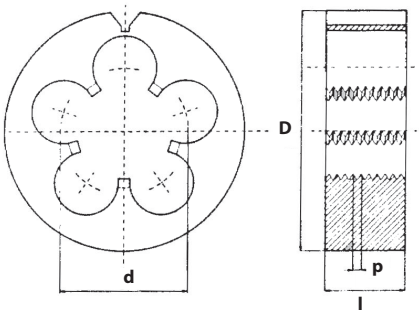
2xD

Codice - *Code*	**13820**
Materiale - *Material*	HSS
Imbocco - *Chamfer*	i.c.-*s.p.*
Tolleranza - *Tolerance*	media - *medium*
Finitura - *Finishing*	

BSW d"	filetti x 1" p	D mm	l mm		in stock
1/8"	40	20	5	3,09	o
5/32"	32	20	7	3,87	o
3/16"	24	20	7	4,66	o
7/32"	24	20	7	5,42	o
1/4"	20	25	7	6,24	o
5/16"	18	25	9	7,82	o
3/8"	16	30	11	9,40	o
7/16"	14	30	11	10,98	o
1/2"	12	38	14	12,56	o
9/16"	12	38	14	14,14	o
5/8"	11	45	18	15,72	o
3/4"	10	45	18	18,89	o
7/8"	9	55	22	22,10	o
1"	8	55	22	25,27	o
1-1/8"	7	65	25	28,12	o
1-1/4"	7	65	25	31,30	o
1-3/8"	6	65	25	34,40	o
1-1/2"	6	75	30	37,57	o

Filiere a mano e a macchina
filettatura gas cilindrica BSP

Round dies
BSP threads



BSP

DIN-EN 22568

2xD

13831 = sinistra - *LH*
13835 = per inox - *for stainless steel*

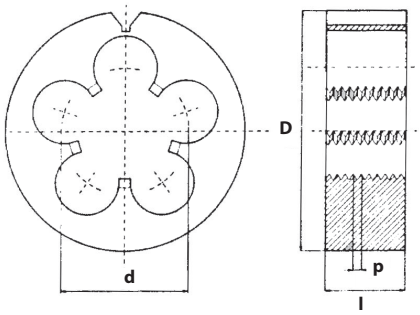
Codice - *Code*	**13830**	**13831**	**13835**
Materiale - *Material*	HSS	HSS	HSSE
Imbocco - *Chamfer*	i.c.-*s.p.*	i.c.-*s.p.*	i.c.-*s.p.*
Tolleranza - *Tolerance*	media - *medium*	media - *medium*	media - *medium*
Finitura - *Finishing*			Vap-*Ox*

BSP d"	filetti x 1" p	D mm	l mm		in stock	in stock	in stock
G 1/8"	28	30	11	9,62	o		o
G 1/4"	19	38	10	13,03	o	o	o
G 3/8"	19	45	14	16,53	o	o	o
G 1/2"	14	45	14	20,81	o	o	o
G 5/8"	14	55	16	22,77	o		
G 3/4"	14	55	16	26,30	o	o	o
G 7/8"	14	65	18	30,06	o		
G 1"	11	65	18	33,07	o	o	o
G 1-1/8"	11	75	20	37,71	o		
G 1-1/4"	11	75	20	41,73	o		
G 1-3/8"	11	90	22	44,14	o		
G 1-1/2"	11	90	22	47,62	o		
G 1-3/4"	11	105	22	53,56	o		
G 2"	11	105	22	59,43	o		

NUOVO - *NEW*

Filiere a mano e a macchina
filettatura americana UNC

Round dies
UNC threads



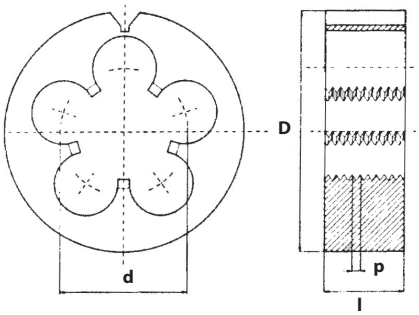
UNC

DIN-EN 22568

2xD

Codice - *Code*	**13840**
Materiale - *Material*	HSS
Imbocco - *Chamfer*	i.c.-*s.p.*
Tolleranza - *Tolerance*	2A
Finitura - *Finishing*	

UNC d"	filetti x 1" p	D mm	l mm		in stock
n° 4	40	20	5	2,76	o
n°5	40	20	5	3,09	o
n° 6	32	20	5	3,41	o
n° 8	32	20	5	4,07	o
n° 10	24	20	7	4,71	o
n° 12	24	20	7	5,37	o
1/4"	20	20	7	6,20	o
5/16"	18	25	9	7,80	o
3/8"	16	30	11	9,37	o
7/16"	14	30	11	10,95	o
1/2"	13	38	14	12,52	o
9/16"	12	38	14	14,10	o
5/8"	11	45	18	15,68	o
3/4"	10	45	18	18,84	o
7/8"	9	55	22	22,00	o
1"	8	55	22	25,16	o
1-1/8"	7	65	25	28,31	o
1-1/4"	7	65	25	31,49	o
1-3/8"	6	65	25	34,63	o
1-1/2"	6	75	30	37,81	o
1-3/4"	5	90	36	44,12	o
2"	4,5	90	36	50,45	o



UNF

DIN-EN 22568

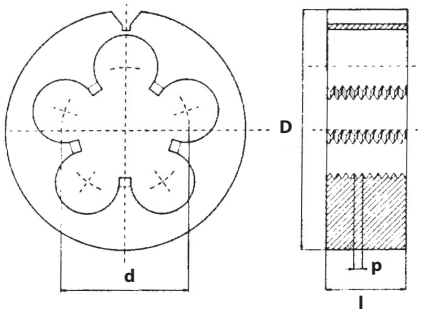
2xD

Codice - *Code*	13850
Materiale - *Material*	HSS
Imbocco - *Chamfer*	i.c.-*s.p.*
Tolleranza - *Tolerance*	2A
Finitura - *Finishing*	

UNF d"	filetti x 1" p	D mm	l mm		in stock
n°4	48	16	5	2,77	o
nº 5	44	20	5	3,10	o
nº 6	40	20	5	3,42	o
nº 8	36	20	5	4,08	o
nº 10	32	20	7	4,73	o
nº 12	28	20	7	5,38	o
1/4"	28	20	7	6,24	o
5/16"	24	25	9	7,82	o
3/8"	24	30	11	9,41	o
7/16"	20	30	11	10,98	o
1/2"	20	38	10	12,56	o
9/16"	18	38	10	14,14	o
5/8"	18	45	14	15,73	o
3/4"	16	45	14	18,89	o
7/8"	14	55	16	22,05	o
1"	12	55	16	25,21	o
1-1/8"	12	65	18	28,38	o
1-1/4"	12	65	18	31,56	o
1-3/8"	12	65	18	34,73	o
1-1/2"	12	75	20	37,91	o

Filiere a mano e a macchina
filettatura PG per condotte elettriche

Round dies
PG threads for steel conduits



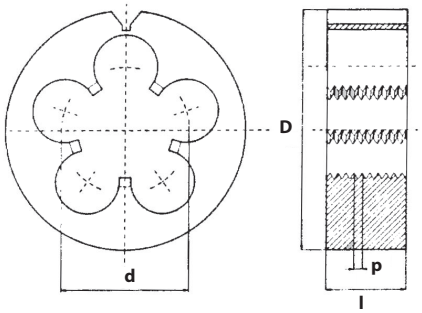
PG

DIN-EN 22568

2xD

Codice - *Code*	**13880**
Materiale - *Material*	HSS
Imbocco - *Chamfer*	
Tolleranza - *Tolerance*	
Finitura - *Finishing*	

PG	d mm	filetti x 1" p	D mm	l mm		in stock
PG 7	12,5	20	38	10	12,40	o
PG 9	15,2	18	45	14	15,10	o
PG 11	18,6	18	45	14	18,50	o
PG 13,5	20,4	18	45	14	20,30	o
PG 16	22,5	18	55	16	22,40	o
PG 21	28,3	16	65	18	28,15	o
PG 29	37	16	65	18	36,85	o
PG 36	47	16	90	22	46,85	o
PG 42	54	16	150	22	53,85	o
PG48	59,3	16	150	22	59,15	o



BSPT

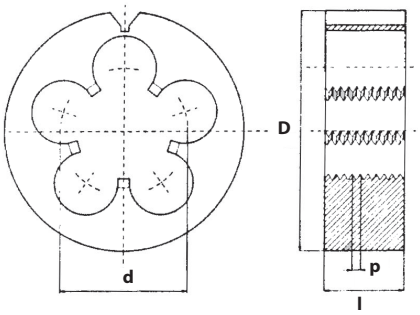
DIN-EN 24230

2xD

Conicità 1:16
Taper *1:16*

Codice - *Code*	**13860**
Materiale - *Material*	HSS
Imbocco - *Chamfer*	
Tolleranza - *Tolerance*	
Finitura - *Finishing*	

PG	d mm	filetti x 1" p	D mm	l mm	in stock
Rc1/8″	9,73	28	30	11	o
Rc1/4″	13,16	19	38	14	o
Rc3/8″	16,66	19	45	18	o
Rc1/2″	20,96	14	45	22	o
Rc3/4″	26,44	14	55	22	o
Rc1″	33,25	11	65	25	o
Rc1-1/4″	41,91	11	75	30	o
Rc1-1/2″	47,80	11	90	36	o
Rc2″	59,61	11	105	36	o



NPT

≈ DIN-EN 24230

2xD

Conicità 1:16
Taper *1:16*

Codice - *Code*	**13870**
Materiale - *Material*	HSS
Imbocco - *Chamfer*	
Tolleranza - *Tolerance*	
Finitura - *Finishing*	

NPT d	d mm	filetti x 1" p	D mm	l mm	in stock
1/8"	10,27	27	30	11	o
1/4"	13,57	18	38	14	o
3/8"	17,05	18	45	14	o
1/2"	21,22	14	45	14	o
3/4"	26,57	14	55	22	o
1"	33,40	11,5	65	25	o
1-1/4"	41,98	11,5	75	26	o
1-1/2"	48,05	11,5	90	27	o
2"	60,09	11,5	105	28	o

DIN 225

Codice - *Code*	**13856**
Materiale - *Material*	
Imbocco - *Chamfer*	
Tolleranza - *Tolerance*	
Finitura - *Finishing*	

Grandezza *Size*	mm/min	mm/max	M/min	M/max	in stock
0	16	5	M 1	M 2,6	o
1	20	5	M 3	M 4	o
2	20	7	M 4,5	M 6	o
3	25	9	M 7	M 9	o
4	30	11	M 10	M 11	o
5	38	14	M 12	M 14	o
6	38	10	MF 12	MF 14	o
7	45	18	M 16	M 20	o
8	45	14	MF 16	MF 20	o
9	55	22	M 22	MF 24	o
10	55	16	MF 22	MF 26	o
11	65	25	M 27	M 36	o
12	65	18	MF 27	MF 36	o

Scanalature diritte e imbocco corretto
Straight flutes and gun

Pg. 40 - 52

Elica 15° sinistra e destra
15° left and right spiral flutes

Pg. 53 - 58

Elica 35°, 40°
Spiral flutes 35°, 40°

Pg. 59 - 69

MASCHI A MACCHINA
MACHINE TAPS

M-MF	Passo in mm - *Pitch in mm*										
	0,25	0,3	0,35	0,4	0,45	0,5	0,6	0,7	0,75	0,8	1
1,6			M								
1,8			M								
2	MF			M							
2,2					M						
2,5			MF		M						
3			MF			M/MJ					
3,5			MF				M				
4						MF		M/MJ			
4,5									M		
5						MF				M/MJ	
5,5						MF					
6									MF		M/MJ
7									MF		M
8									MF		MF
9											MF
10									MF		MF
11									MF		MF
12											MF
14											MF
15											MF
16											MF
18											MF
20											MF
22											MF
24											MF
25											
27											
28											
30											
32											
33											
36											
38											
39											
40											
42											
45											
48											
50											
52											
48											
50											
52											

Passo in mm - *Pitch in mm*										M-MF
1,25	1,5	1,75	2	2,5	3	3,5	4	4,5	5	
										1,6
										1,8
										2
										2,2
										2,5
										3
										3,5
										4
										4,5
										5
										5,5
										6
										7
M/MJ										8
M										9
MF	M/MJ									10
	M									11
MF	MF	M								12
MF	MF		M							14
	MF									15
	MF		M							16
	MF			M						18
	MF		MF	M						20
	MF			M						22
	MF		MF		M					24
	MF		MF							25
	MF		MF		M					27
	MF		MF							28
	MF		MF			M				30
	MF		MF							32
	MF		MF			M				33
	MF		MF		MF		M			36
					MF					38
	MF		MF		MF		M			39
	MF		MF		MF					40
	MF		MF		MF			M		42
	MF		MF		MF			M		45
	MF		MF		MF				M	48
	MF		MF		MF					50
	MF		MF		MF				M	52
	MF		MF		MF				M	48
	MF		MF		MF					50
	MF		MF		MF				M	52

Pollici/ Inches	N° filetti per pollice - *No° threads per inch*											
	48	44	40	36	32	30	28	27	24	20	19	18
n°4	UNF		UNC									
n°5		UNF	UNC									
n°6			UNF		UNC							
n°8				UNF	UNC							
n°10					UNF				UNC			
n°12							UNF		UNC			
1/16"								NPT				
3/32"	BSP											
1/8"			BSW				BSP/BSPT	NPT				
5/32"					BSW		BSP					
3/16"									BSW			
7/32"									BSW			
1/4"							UNF			BSW/UNC	BSP/BSPT	NPT
5/16"									UNF			BSW/UNC
3/8"									UNF		BSP/BSPT	NPT
7/16"										UNF		
1/2"										UNF		
9/16"												UNF
5/8"												UNF
3/4"									PG	20	18	16
7/8"									7	PG		
1"									9		PG	
1-1/8"									11		PG	
1-1/4"									13,5		PG	
1-3/8"									16		PG	
1-1/2"									21			PG
1-3/4"									29			PG
2"									36			PG
									42			PG
									48			PG

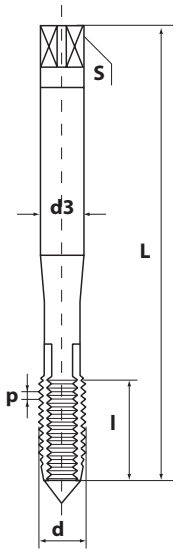
N° filetti per pollice - *No° threads per inch*											Pollici/ Inches
16	14	13	12	11-1/2	11	10	9	8	7	6	
											n°4
											n°5
											n°6
											n°8
											n°10
											n°12
											1/16"
											3/32"
											1/8"
											5/32"
											3/16"
											7/32"
											1/4"
											5/16"
BSW/UNC											3/8"
	BSW/UNC										7/16"
	BSP/BSPT/ NPT	UNC	BSW								1/2"
			BSW/UNC								9/16"
	BSP				BSW/UNC						5/8"
UNF	BSP/BSPT/ NPT					BSW/UNC					3/4"
	BSP/UNF						BSW/UNC				7/8"
			UNF	NPT	BSP/BSPT			BSW			1"
					BSP				BSW		1-1/8"
				NPT	BSP/BSPT				BSW		1-1/4"
					BSP					BSW	1-3/8"
			UNF	NPT	BSP/BSPT					BSW	1-1/2"
					BSP						1-3/4"
				NPT	BSP/BSPT						2"

Maschi a macchina

filettatura metrica ISO passo grosso
per fori ciechi e passanti gambo rinforzato

Machine taps

ISO metric coarse threads
for through and blind holes reinforced shank



M

DIN 371 | **2xD**

13404-13406

2,5xD | **13400-13400TIN**

13406 = sinistra - *LH*

Codice - *Code*	13404	13406	13400	13400TIN
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C	C	B	B
Tolleranza - *Tolerance*	6H	6H	6H	6H
Rivestimento - *Coating*				TiN

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
1,6	0,35	40	8	2,5	2,1	1,25	o		o	r o
1,8	0,35	40	8	2,5	2,1	1,4	o		o	r o
2	0,4	45	8	2,8	2,1	1,6	o		o	r o
2,2	0,45	45	8	2,8	2,1	1,75	o		o	r o
2,5	0,45	50	9	2,8	2,1	2	o		o	r o
3	0,5	56	9	3,5	2,7	2,5	o	⊙	o	o
3,5	0,6	56	11	4	3	2,9	o		o	r o
4	0,7	63	12	4,5	3,4	3,3	o	o	o	o
4,5	0,75	70	13	6	4,9	3,8	o		o	r o
5	0,8	70	13	6	4,9	4,2	o	o	o	o
6	1	80	15	6	4,9	5	o	o	o	o
7	1	80	15	7	5,5	6	o		o	r o
8	1,25	90	18	8	6,2	6,8	o	o	o	o
9	1,25	90	18	9	7	7,8	o		o	r o
10	1,5	100	20	10	8	8,5	o	o	o	o

r su richiesta - *on demand*

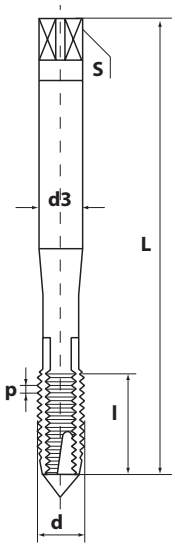
⊙ Nuove misure-*New sizes*

Maschi a macchina

filettatura metrica ISO passo grosso
imbocco corretto per fori passanti gambo rinforzato

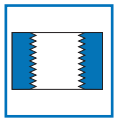
Machine taps

ISO metric coarse threads
spiral pointed for through holes reinforced shank



M

DIN 371 | **2,5xD**



13530 = per lamiera - *for sheet iron*
13407 = sinistra - *LH*

Codice - *Code*	13407	13509	13402	13530
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	B	B AZ	B	B
Tolleranza - *Tolerance*	6H	6H	**6G**	6H
Rivestimento - *Coating*				

M mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
2	0,4	45	8	2,8	2,1	1,6				o
2,2	0,45	45	8	2,8	2,1	1,75				o
2,5	0,45	50	9	2,8	2,1	2				o
3	0,5	56	11	3,5	2,7	2,5	o	o	o	o
3,5	0,6	56	12	4	3	2,9				o
4	0,7	63	13	4,5	3,4	3,3	o	o	o	o
4,5	0,75	70	14	6	4,9	3,8				o
5	0,8	70	15	6	4,9	4,2	o	o	o	o
6	1	80	19	6	4,9	5	o	o	o	o
7	1	80	19	7	5,5	6	o	o		o
8	1,25	90	22	8	6,2	6,8	o	o	o	o
9	1,25	90	22	9	7	7,8		o		o
10	1,5	100	24	10	8	8,5	o	o	o	o

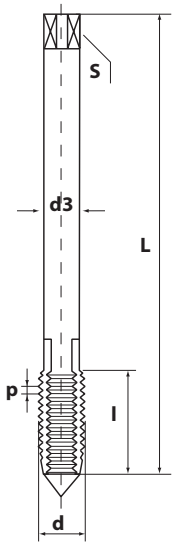
NUOVO - *NEW*

Maschi a macchina

filettatura metrica ISO passo grosso
per fori ciechi e passanti gambo passante

Machine taps

ISO metric coarse threads
for through and blind holes reduced shank



M

DIN 376 | **2xD**

13204-13206

2,5xD | **13200-13200TIN**

13206 = sinistra - *LH*

Codice - *Code*	13204	13206	13200	13200TIN
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C	C	B	B
Tolleranza - *Tolerance*	6H	6H	6H	6H
Rivestimento - *Coating*				TiN

M d mm	p mm	L mm	l mm (C-B)	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
2	0,4	45	8	1,4	-	1,6	o		o	r o
2,5	0,45	50	9	1,8	-	2	o		o	r o
3	0,5	56	11	2,2	-	2,5	o		o	o
3,5	0,6	56	13	2,5	2,1	2,9	o		o	r o
4	0,7	63	12-13	2,8	2,1	3,3	o		o	o
4,5	0,75	70	13-16	3,5	2,7	3,7	o		o	r o
5	0,8	70	13-16	3,5	2,7	4,2	o		o	o
6	1	80	15-19	4,5	3,4	5	o		o	o
7	1	80	15-19	5,5	4,3	6	o		o	r o
8	1,25	90	18-22	6	4,9	6,8	o		o	o
9	1,25	90	18-22	7	5,5	7,8	o		o	r o
10	1,5	100	20-24	7	5,5	8,5	o		o	o
11	1,5	100	20-24	8	6,2	9,5	o		o	r o
12	1,75	110	23-29	9	7	10,2	o	o	o	o
14	2	110	25-30	11	9	12	o	o	o	o
16	2	110	25-32	12	9	14	o	o	o	o
18	2,5	125	30-34	14	11	15,5	o	o	o	r o
20	2,5	140	30-34	16	12	17,5	o	o	o	r o
22	2,5	140	30-34	18	14,5	19,5	o	o	o	r o
24	3	160	36-38	18	14,5	21	o	o	o	r o
27	3	160	36-38	20	16	24	o	o	o	r o
30	3,5	180	40-45	22	18	26,5	o	o	o	r o
33	3,5	180	42-50	25	20	29,5	o		o	r o
36	4	200	50-56	28	22	32	o		o	r o
39	4	200	50-60	32	24	35	o		o	r o
42	4,5	200	56-60	32	24	37,5	o		o	r o
45	4,5	220	56-65	36	29	40,5	o		o	r o
48	5	250	63-70	36	29	43	o		o	r o
52	5	250	63-70	40	32	47	o		o	r o

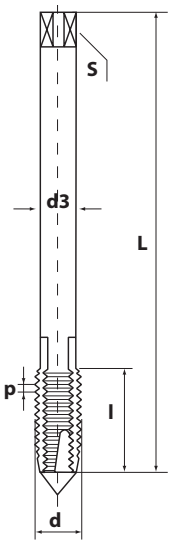
r su richiesta - *on demand*

Maschi a macchina

filettatura metrica ISO passo grosso
imbocco corretto per fori passanti gambo passante

Machine taps

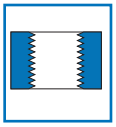
ISO metric coarse threads
spiral pointed for through holes reduced shank



M

DIN 376

2,5xD



13203 = per lamiera - *for sheet iron*
13207 = sinistra - *LH*

Codice - *Code*	**13207**	**13201**	**13202**	**13203**
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	B	B AZ	B	B
Tolleranza - *Tolerance*	6H	6H	**6G**	6H
Rivestimento - *Coating*				

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
12	1,75	110	29	9	7	10,2	o	o	o	o
14	2	110	30	11	9	12	o	o	o	
16	2	110	32	12	9	14	o	o	o	
18	2,5	125	34	14	11	15,5	o	o	o	
20	2,5	140	34	16	12	17,5	o	o	o	
22	2,5	140	34	18	14,5	19,5	o	o		
24	3	160	38	18	14,5	21	o	o		
27	3	160	36	20	16	24	o			
30	3,5	180	40	22	18	26,	o			

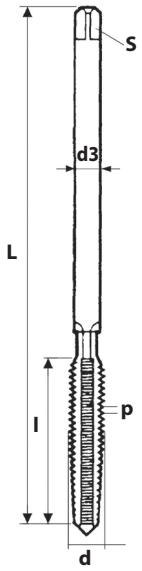
NUOVO - *NEW*

Maschi a macchina

filettatura metrica ISO passo grosso per dadi

Machine taps

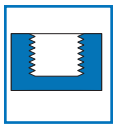
ISO metric coarse threads machine nut taps



M

DIN 357

2xD



Codice - *Code*	13600
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	MMB
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

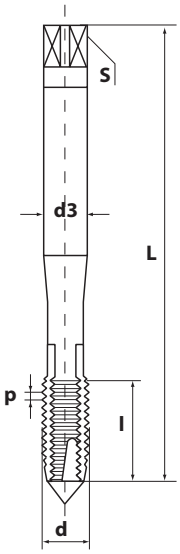
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
3	0,5	70	22	2,2	-	2,5	o
3,5	0,6	80	25	2,5	2,1	2,9	o
4	0,7	90	25	2,8	2,1	3,3	o
5	0,8	100	28	3,5	2,7	4,2	o
6	1	110	32	4,5	3,4	5	o
8	1,25	125	40	6	4,9	6,8	o
10	1,5	140	45	7	5,5	8,5	o
12	1,75	180	50	9	7	10,2	o
14	2	200	56	11	9	12	o
16	2	200	63	12	9	14	o
18	2,5	220	63	14	11	15,5	o
20	2,5	250	70	16	12	17,5	o
22	2,5	280	80	18	14,5	19,5	o
24	3	280	80	18	14,5	21	o
27	3	315	90	20	16	24	o
30	3,5	315	100	22	18	26,5	o
33	3,5	355	110	25	20	29,5	o

Maschi a macchina

filettatura metrica ISO passo grosso
gambo lungo rinforzato per fori passanti

Machine taps

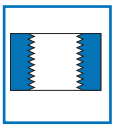
ISO metric coarse threads
long reinforced shank for through holes



M

Norma NUI

2,5xD



	L=100mm	L=120mm	L=150mm
Codice - *Code*	**13411**	**13412**	**13415**
Materiale - *Material*	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	B	B	B
Tolleranza - *Tolerance*	6H	6H	6H
Rivestimento - *Coating*			

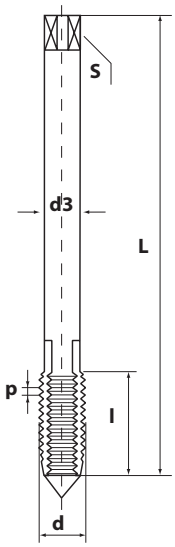
M d mm	p mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
3	0,5	11	3,5	2,7	2,5	o		
4	0,7	13	4,5	3,4	3,3	o	o	o
5	0,8	16	6	4,9	4,2	o	o	o
6	1	19	6	4,9	5	o	o	o
8	1,25	22	8	6,2	6,8	o	o	o
10	1,5	24	10	8	8,5	o	o	o
12	1,75	29	12	9	10,2	o	o	o

Maschi a macchina

filettatura metrica ISO passo fine
per fori ciechi e passanti
gambo passante

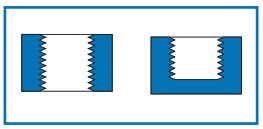
Machine taps

ISO metric fine threads
for through and blind holes
reduced shank

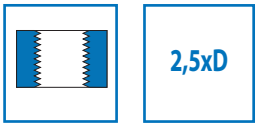


MF

DIN 374 | **2xD**



13214



2,5xD 13210 -13216

13216 = sinistra - *LH*

Codice - *Code*	13214	13210	13216
Materiale - *Material*	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C	B	B
Tolleranza - *Tolerance*	6H	6H	6H
Rivestimento - *Coating*			

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
2	0,25	45	8	1,4	–	1,75	●	●	
3	0,35	56	8	2,2	–	2,6	●	●	●
3,5	0,35	56	8	2,5	2,1	3,1	●	●	
4	0,5	63	12	2,8	2,1	3,5	●	●	●
5	0,5	70	13	3,5	2,7	4,5	●	●	●
5,5	0,5	80	15	4	3	5	●	●	
6	0,5	80	15	4,5	3,4	5,5	⊙	⊙	⊙
6	0,75	80	15	4,5	3,4	5,2	●	●	●
7	0,75	80	15	5,5	4,3	6,2	●	●	⊙
8	0,75	80	15	6	4,9	7,2	●	●	●
8	1	90	18	6	4,9	7	●	●	●
9	1	90	18	7	5,5	8	●	●	⊙
10	0,75	90	20	7	5,5	9,2	●	●	●
10	1	90	20	7	5,5	9	●	●	●
10	1,25	100	20	7	5,5	8,8	●	●	●
11	1	90	20	8	6,2	10	●	●	⊙
12	1	100	21	9	7	11	●	●	●
12	1,25	100	21	9	7	10,75	●	●	●
12	1,5	100	21	9	7	10,5	●	●	●
14	1	100	21	11	9	13	●	●	●
14	1,25	100	21	11	9	12,75	●	●	●
14	1,5	100	21	11	9	12,5	●	●	●
15	1	100	21	12	9	14	●	●	●
15	1,5	100	21	12	9	13,5	●	●	●
16	1	100	21	12	9	15	●	●	●
16	1,25	100	21	12	9	14,75	●		
16	1,5	100	21	12	9	14,5	●	●	●
17	1	100	21	12	9	16	⊙		
18	1	110	24	14	11	17	●	●	●
18	1,5	110	24	14	11	16,5	●	●	●
18	2	125	24	14	11	16	●	⊙	⊙
20	1	125	24	16	12	19	●	●	●
20	1,5	125	24	16	12	18,5	●	●	●

⊙ Nuove misure-*New sizes*

Maschi a macchina

filettatura metrica ISO passo fine
per fori ciechi e passanti
gambo passante

Machine taps

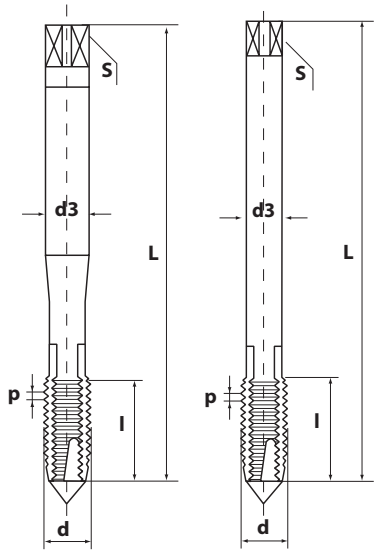
ISO metric fine threads
for through and blind holes
reduced shank

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		13214 in stock	13210 in stock	13216 in stock
20	2	140	30	16	12	18	●	⊙	⊙
22	1	125	24	18	14,5	21	●	●	●
22	1,5	125	24	18	14,5	20,5	●	●	●
22	2	140	30	18	14,5	20	●	⊙	⊙
24	1	140	26	18	14,5	23	●	●	●
24	1,5	140	26	18	14,5	22,5	●	●	●
24	2	140	26	18	14,5	22	●	●	●
25	1,5	140	26	18	14,5	23,5	●	●	●
25	2	140	26	18	14,5	23	●	●	
26	1,5	140	26	20	16	24,5	●	⊙	●
26	2	140	26	20	16	24	●		
27	1	140	26	20	16	26		⊙	⊙
27	1,5	140	26	20	16	25,5	●	●	●
27	2	140	26	20	16	25	●	●	●
28	1,5	140	26	20	16	27	●	●	●
28	2	140	26	20	16	26	●	●	●
30	1	150	28	22	18	29	⊙	⊙	⊙
30	1,5	150	28	22	18	28,5	●	●	●
30	2	150	28	22	18	28	●	●	●
32	1,5	150	28	22	20	30,5	●	⊙	
32	2	150	28	25	20	30	●		
33	1,5	160	30	25	20	31,5	●	⊙	
33	2	160	30	25	20	31	●	●	
34	1,5	170	30	28	22	32,5	⊙		
35	1,5	170	30	28	22	34	⊙	⊙	
36	1,5	170	30	28	22	34,5	●	⊙	
36	2	170	30	28	22	34	●	⊙	
36	3	200	42	28	22	33	●	●	
38	3	200	42	28	22	35	●	●	
39	1,5	170	42	28	24	37,5	●		
39	2	170	42	28	24	37	●		
39	3	200	42	32	24	36	●	●	
40	1,5	170	30	32	24	38,5	●		
40	2	170	30	32	24	38	●		
40	3	200	50	32	24	37	●	●	
42	1,5	170	30	32	24	40,5	●		
42	2	170	30	32	24	40	●		
42	3	200	50	32	24	39	●	●	
45	1,5	180	32	36	29	43,5	●		
45	2	180	32	36	29	43	●		
45	3	200	50	36	29	42	●	●	
48	1,5	190	32	36	29	46,5	●		
48	2	190	32	36	29	46	●		
48	3	225	50	36	29	45	●	●	
50	1,5	190	32	36	29	48,5	●		
50	2	190	32	36	29	48	●		
50	3	225	50	36	29	47	●	●	
52	1,5	190	32	40	32	50,5	●		
52	2	190	32	40	32	50	●		
52	3	225	50	40	32	49	●	●	

⊙ Nuove misure-*New sizes*

Maschi a macchina
filettatura Whitworth BSW
imbocco corretto per fori passanti

Machine taps
BSW threads
spiral pointed for through holes



BSW

≈DIN371 ≤3/8"

≈DIN376 ≥7/16"

2,5xD

Codice - *Code*	**13220**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	B
Tolleranza - *Tolerance*	media-*medium*

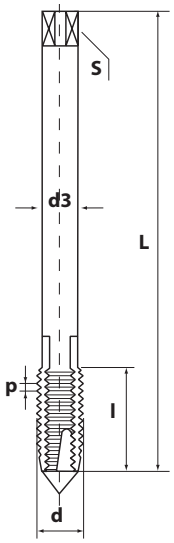
BSW d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
1/8"	40	56	16	3,5	2,7	2,5	o
5/32"	32	63	18	4,5	3,4	3,1	o
3/16"	24	70	20	6	4,9	3,6	o
7/32"	24	80	20	6	4,9	4,4	o
1/4"	20	80	22	7	5,5	5,1	o
5/16"	18	90	25	8	6,2	6,5	o
3/8"	16	100	28	9	7	7,9	o
7/16"	14	100	28	8	6,2	9,3	o
1/2"	12	110	32	9	7	10,5	o
9/16"	12	110	32	11	9	12	o
5/8"	11	110	32	12	9	13,5	o
3/4"	10	125	36	14	11	16,5	o
7/8"	9	140	40	18	14,5	19,25	o
1"	8	160	45	20	16	22	o
1-1/8"	7	180	50	22	18	24,75	o
1-1/4"	7	180	50	22	20	27,75	o
1-3/8"	6	200	56	28	22	30,5	o
1-1/2"	6	200	56	32	24	33,5	o

Maschi a macchina

filettatura gas cilindrica BSP
per fori ciechi e passanti gambo rinforzato

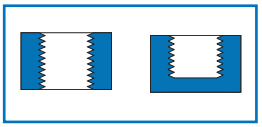
Machine taps

BSP threads
for through and blind holes reduced shank

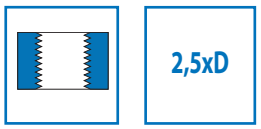


BSP

DIN 5156 **2xD**



13226 - 13228



2,5xD **13225**

Codice - *Code*

13228= sinistra - *LH*

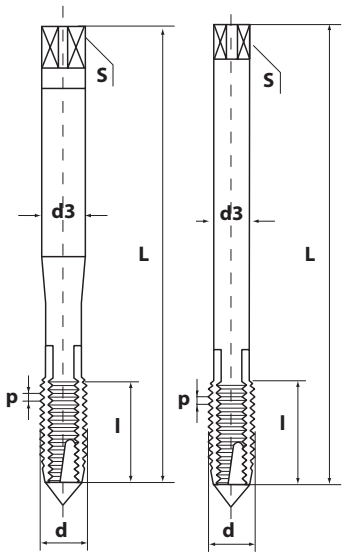
	13226	13228	13225
Materiale - *Material*	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C	C	B
Tolleranza - *Tolerance*	media-*medium*	media-*medium*	media-*medium*
Rivestimento - *Coating*			

BSP G	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
G 1/8"	9,73	28	90	20	7	5,5	8,8	o	o	o
G 1/4"	13,16	19	100	22	11	9	11,8	o	o	o
G 3/8"	16,66	19	100	22	12	9	15,25	o	o	o
G 1/2"	20,96	14	125	25	16	12	19	o	o	o
G 5/8"	22,91	14	125	25	18	14,5	21	o	o	o
G 3/4"	26,44	14	140	28	20	16	24,5	o	o	o
G 7/8"	30,2	14	150	28	22	18	28,25	o		o
G 1"	33,25	11	160	30	25	20	30,75	o	o	o
G 1-1/8"	37,9	11	170	30	28	22	35,5	o		o
G 1-1/4"	41,91	11	170	30	32	24	39,5	o		o
G 1-3/8"	44,32	11	180	32	36	29	42	o		o
G 1-1/2"	47,8	11	190	32	36	29	45	o		o
G 1-3/4"	53,75	11	200	32	40	32	51	o		o
G 2"	59,61	11	220	40	45	35	57	o		o

NUOVO - *NEW*

Maschi a macchina
filettatura americana UNC
per fori passanti e ciechi

Machine taps
UNC threads
for through and blind holes

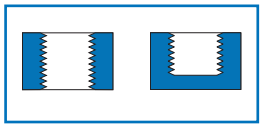


UNC

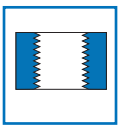
≈DIN371 ≤3/8″

≈DIN376 ≥7/16″

2xD



13244



2,5xD

13240

Codice - *Code*	**13244**	**13240**
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C	B
Tolleranza - *Tolerance*	2B	2B
Rivestimento - *Coating*		

UNC d″	filetti x 1″ p	L mm	l (C-B) mm	d3 h9 mm	S h12 mm		in stock	in stock
n°4	40	50	11-10	3,5	2,7	2,3	o	o
n°5	40	56	11	3,5	2,7	2,6	o	o
n°6	32	56	12	4	3	2,8	o	o
n°8	32	63	13	4,5	3,4	3,5	o	o
n°10	24	70	15	6	4,9	3,9	o	o
n°12	24	70	16	6	4,9	4,5	o	o
1/4″	20	80	17	7	5,5	5,2	o	o
5/16″	18	90	20	8	6,2	6,6	o	o
3/8″	16	100	22	9	7	8	o	o
7/16″	14	100	22	8	6,2	9,4	o	o
1/2″	13	110	23-25	9	7	10,75	o	o
9/16″	12	110	26	11	9	12,25	o	o
5/8″	11	110	27	12	9	13,5	o	o
3/4″	10	125	30	14	11	16,5	o	o
7/8″	9	140	34-32	18	14,5	19,5	o	o
1″	8	160	38-36	20	16	22,25	o	o

Maschi a macchina

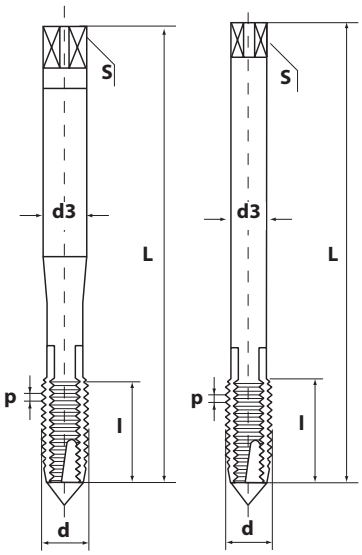
filettatura americana UNF

imbocco corretto per fori passanti

Machine taps

UNF threads

spiral pointed for through holes

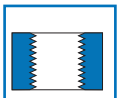


UNF

≈DIN371 ≤3/8"

≈DIN376 ≥7/16"

2,5xD



13250

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	B
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	

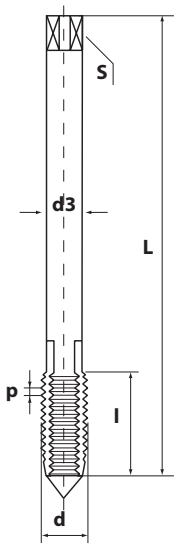
UNF d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°4	48	50	10	3,5	2,7	2,4	o
n°5	44	56	11	3,5	2,7	2,7	o
n°6	40	56	12	4	3	3	o
n°8	36	63	13	4,5	3,4	3,5	o
n°10	32	70	15	6	4,9	4,1	o
n°12	28	70	16	6	4,9	4,7	o
1/4"	28	80	17	7	5,5	5,5	o
5/16"	24	90	17	8	6,2	6,9	o
3/8"	24	100	18	9	7	8,5	o
7/16"	20	100	22	8	6,2	9,9	o
1/2"	20	100	22	9	7	11,5	o
9/16"	18	100	22	11	9	12,9	o
5/8"	18	100	22	12	9	14,5	o
3/4"	16	110	25	14	11	17,5	o
7/8"	14	140	26	18	14,5	20,25	o
1"	12	150	28	20	16	23,25	o

Maschi a macchina

filettatura PG per condotte elettriche
per fori ciechi e passanti gambo passante

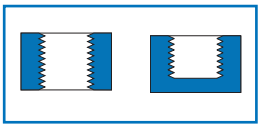
Machine taps

PG threads for steel conduits
for through and blind holes reduced shank



PG

DIN 40433



Codice - *Code*	**13280**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C
Tolleranza - *Tolerance*	
Rivestimento - *Coating*	

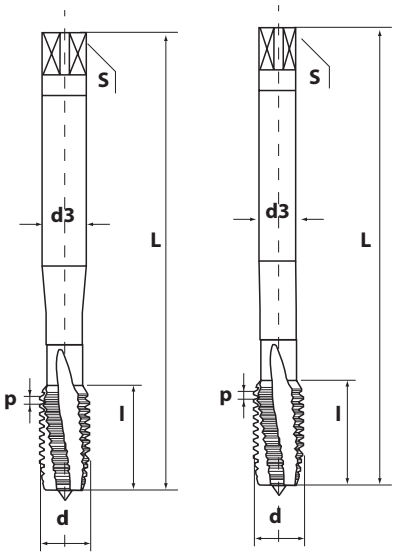
PG	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
PG 7	12,5	20	100	22	9	7	11,25	o
PG 9	15,2	18	100	22	12	9	14	o
PG11	18,6	18	110	25	14	11	17,25	o
PG13,5	20,4	18	125	25	16	12	19	o
PG16	22,5	18	125	25	18	14,5	21,25	o
PG21	28,3	16	150	28	22	18	26,75	o
PG29	37	16	170	30	28	22	35,5	o
PG36	47	16	190	32	36	29	45,5	o
PG42	54	16	190	32	40	32	52,5	o
PG48	59,3	16	220	36	45	35	58	o

Maschi a macchina

filettatura metrica ISO passo grosso destra
elica sinistra 15° per fori passanti

Machine taps

ISO metric coarse threads RH
15° left spiral flutes for through holes

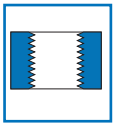


M

DIN 371 ≤ M10

DIN 376 ≥ M11

3xD



13550

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	D L15
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

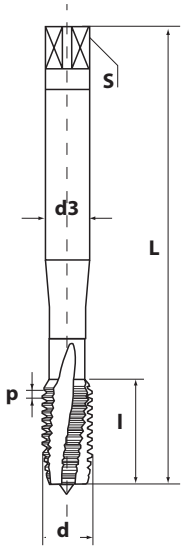
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
2	0,4	45	8	2,8	2,1	1,6	o
2,2	0,45	45	8	2,8	2,1	1,75	o
2,5	0,45	50	9	2,8	2,1	2	o
3	0,5	56	11	3,5	2,7	2,5	o
3,5	0,6	56	12	4	3	2,9	o
4	0,7	63	13	4,5	3,4	3,3	o
4,5	0,75	70	14	6	4,9	3,8	o
5	0,8	70	16	6	4,9	4,2	o
6	1	80	19	6	4,9	5	o
7	1	80	19	7	5,5	6	o
8	1,25	90	22	8	6,2	6,8	o
9	1,25	90	22	9	7	7,8	o
10	1,5	100	24	10	8	8,5	o
11	1,5	100	24	8	6,2	9,5	o
12	1,75	110	29	9	7	10,2	o
14	2	110	30	11	9	12	o
16	2	110	32	12	9	14	o
18	2,5	125	34	14	11	15,5	o
20	2,5	140	34	16	12	17,5	o
22	2,5	140	34	18	14,5	19,5	o
24	3	160	38	18	14,5	21	o

Maschi a macchina

filettatura metrica ISO passo grosso
elica 15° per fori ciechi gambo rinforzato

Machine taps

ISO metric coarse threads
15° spiral flutes for blind holes reinforced shank



M

DIN 371 **2xD**

Codice - *Code*	**13500**	**13500TIN**
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C R15	C R15
Tolleranza - *Tolerance*	6H	6H
Rivestimento - *Coating*		TiN

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
2	0,4	45	8	2,8	2,1	1,6	o	r o
2,2	0,45	45	8	2,8	2,1	1,75	o	r o
2,5	0,45	50	9	2,8	2,1	2	o	r o
3	0,5	56	5	3,5	2,7	2,5	o	o
3,5	0,6	56	6	4	3	2,9	o	r o
4	0,7	63	7	4,5	3,4	3,3	o	o
4,5	0,75	70	8	6	4,9	3,8	o	r o
5	0,8	70	8	6	4,9	4,2	o	o
6	1	80	10	6	4,9	5	o	o
7	1	80	10	7	5,5	6	o	o
8	1,25	90	13	8	6,2	6,8	o	o
9	1,25	90	13	9	7	7,8	o	r o
10	1,5	100	15	10	8	8,5	o	o

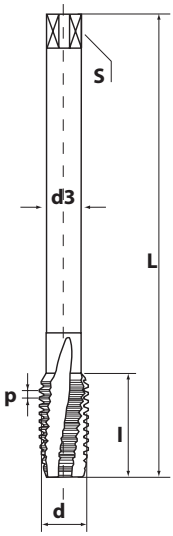
r su richiesta - *on demand*

Maschi a macchina

filettatura metrica ISO passo grosso
elica 15° per fori ciechi gambo passante

Machine taps

ISO metric coarse threads
15° spiral flutes for blind holes reduced shank



M

DIN 376

2xD

Codice - *Code*	**13300**	**13300TIN**
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C R15	C R15
Tolleranza - *Tolerance*	6H	6H
Rivestimento - *Coating*		TiN

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
2	0,4	45	8	1,4	-	1,6	o	r o
2,5	0,45	50	9	1,8	-	2	o	r o
3	0,5	56	5	2,2	-	2,5	o	o
3,5	0,6	56	6	2,5	2,1	2,9	o	r o
4	0,7	63	7	2,8	2,1	3,3	o	o
4,5	0,75	70	8	3,5	2,7	3,7	o	r o
5	0,8	70	8	3,5	2,7	4,2	o	o
6	1	80	10	4,5	3,4	5	o	o
7	1	80	10	5,5	4,3	6	o	r o
8	1,25	90	13	6	4,9	6,8	o	o
9	1,25	90	13	7	5,5	7,8	o	r o
10	1,5	100	15	7	5,5	8,5	o	o
11	1,5	100	15	8	6,2	9,5	o	r o
12	1,75	110	18	9	7	10,2	o	o
14	2	110	20	11	9	12	o	o
16	2	110	20	12	9	14	o	o
18	2,5	125	25	14	11	15,5	o	r o
20	2,5	140	25	16	12	17,5	o	r o
22	2,5	140	25	18	14,5	19,5	o	r o
24	3	160	30	18	14,5	21	o	r o
27	3	160	30	20	16	24	o	r o
30	3,5	180	35	22	18	26,5	o	r o
33	3,5	180	35	25	20	29,5	o	r o
36	4	200	40	28	22	32	o	r o
39	4	200	50	32	24	35	⊙	r ⊙
42	4,5	200	56	32	24	37,5	⊙	r ⊙
45	4,5	220	56	36	29	40,5	⊙	r ⊙
48	5	250	63	36	29	43	⊙	r ⊙
52	5	250	63	40	32	47	⊙	r ⊙

⊙ Nuove misure-*New sizes*

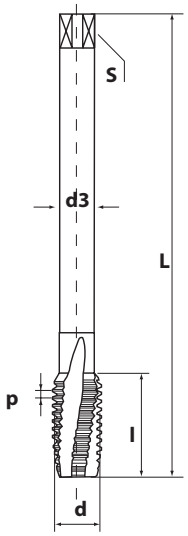
r su richiesta - *on demand*

Maschi a macchina

filettatura metrica ISO passo fine
elica 15° per fori ciechi

Machine taps

ISO metric fine threads
15° spiral flutes for blind holes



MF

DIN 374

2,5xD

13310

Codice - *Code*	**13310**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R15
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
4	0,5	63	7	2,8	2,1	3,5	o
5	0,5	70	8	3,5	2,7	4,5	o
6	0,75	80	10	4,5	3,4	5,2	o
8	0,75	80	10	6	4,9	7,2	o
8	1	90	13	6	4,9	7	o
9	1	90	13	7	5,5	8	o
10	0,75	90	12	7	5,5	9,2	o
10	1	90	12	7	5,5	9	o
10	1,25	100	12	7	5,5	8,8	o
12	1	100	14	9	7	11	o
12	1,25	100	14	9	7	10,75	o
12	1,5	100	14	9	7	10,5	o
14	1	100	16	11	9	13	o
14	1,25	100	16	11	9	12,75	o
14	1,5	100	16	11	9	12,5	o
15	1	100	16	12	9	14	o
15	1,5	100	16	12	9	13,5	o
16	1	100	16	12	9	15	o
16	1,5	100	16	12	9	14,5	o
18	1	110	20	14	11	17	o
18	1,5	110	20	14	11	16,5	o
20	1	125	20	16	12	19	o
20	1,5	125	20	16	12	18,5	o
20	2	140	20	16	12	18	⊙
22	1	125	20	18	14,5	21	o
22	1,5	125	20	18	14,5	20,5	o
24	1	140	22	18	14,5	23	o
24	1,5	140	22	18	14,5	22,5	o
24	2	140	22	18	14,5	22	o
25	1,5	140	22	18	14,5	23,5	o
25	2	140	22	18	14,5	23	o
27	1,5	140	22	20	16	25,5	o
27	2	140	22	20	16	25	o

⊙ Nuove misure-*New sizes*

Maschi a macchina

filettatura metrica ISO passo fine
elica 15° per fori ciechi

Machine taps

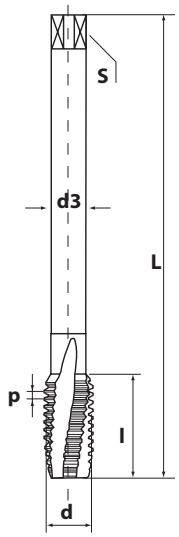
ISO metric fine threads
15° spiral flutes for blind holes

13310

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
28	1,5	140	22	20	16	27	o
28	2	140	22	20	16	26	o
30	1,5	150	26	22	18	28,5	o
30	2	150	26	22	18	28	o
33	2	160	28	25	20	31	o
36	3	200	36	28	22	33	o
38	3	200	40	28	22	35	o
39	3	200	40	32	24	36	o
40	3	200	45	32	24	37	o
42	3	200	45	32	24	39	o
45	3	200	48	36	24	42	o
48	3	225	48	36	29	45	o
50	3	225	48	36	29	47	o
52	3	225	48	40	32	49	o

Maschi a macchina
filettatura gas cilindrica BSP
elica 15° per fori ciechi

Machine taps
BSP threads
15° spiral flutes for blind holes



BSP

DIN 5156

2,5xD

Codice - *Code*	13315
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R15
Tolleranza - *Tolerance*	media-*medium*
Rivestimento - *Coating*	

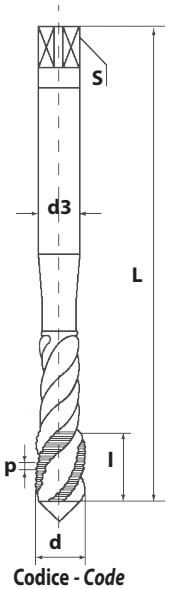
BSP G	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
G 1/8"	9,73	28	90	20	7	5,5	8,8	o
G 1/4"	13,16	19	100	22	11	9	11,8	o
G 3/8"	16,66	19	100	22	12	9	15,25	o
G 1/2"	20,96	14	125	25	16	12	19	o
G 5/8"	22,91	14	125	25	18	14,5	21	o
G 3/4"	26,44	14	140	28	20	16	24,5	o
G 7/8"	30,2	14	150	28	22	18	28,25	o
G 1"	33,25	11	160	30	25	20	30,75	o
G 1-1/8"	37,9	11	170	30	28	22	35,5	o
G 1-1/4"	41,9	11	170	30	32	24	39,5	o
G 1-3/8"	44,3	11	180	32	36	29	42	o
G 1-1/2"	47,8	11	190	32	36	29	45	o
G 1-3/4"	53,8	11	200	32	40	32	51	o
G 2"	59,61	11	220	40	45	35	57	o

Maschi a macchina

filettatura metrica ISO passo grosso
elica 35° per fori ciechi gambo rinforzato

Machine taps

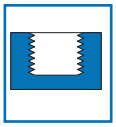
ISO metric coarse threads
35° spiral flutes for blind holes reinforced shank



M

DIN 371

2,5XD



13504 = sinistra - *LH*

Codice - *Code*	13506	13506TIN	13504	13507
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C R35	C R35	C R35	C R35
Tolleranza - *Tolerance*	6H	6H	6H	**6G**
Rivestimento - *Coating*		TiN		

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
2	0,4	45	8	2,8	2,1	1,6	o	r o		
2,5	0,45	50	8	2,8	2,1	1,75	o	r o		
3	0,5	56	5	3,5	2,7	2,5	o	o	o	o
3,5	0,6	56	6	4	3	2,9	o	r o		
4	0,7	63	7	4,5	3,4	3,3	o	o	o	o
5	0,8	70	8	6	4,9	4,2	o	o	o	o
6	1	80	10	6	4,9	5	o	o	o	o
7	1	80	10	7	5,5	6	o	r o	o	
8	1,25	90	13	8	6,2	6,8	o	o	o	o
9	1,25	90	13	9	7	7,8	o	r o	o	
10	1,5	100	15	10	8	8,5	o	o	o	o

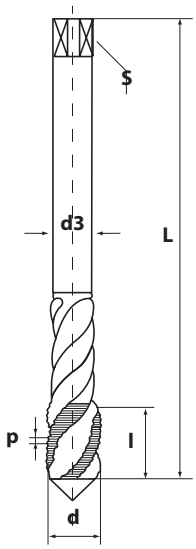
r su richiesta - *on demand*

Maschi a macchina

filettatura metrica ISO passo grosso
elica 35° per fori ciechi gambo passante

Machine taps

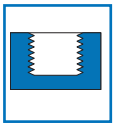
ISO metric coarse threads
35° spiral flutes for blind holes reduced shank



M

DIN 376

2,5xD



13305 = sinistra - *LH*

Codice - *Code*	**13306**	**13306TIN**	**13305**	**13307**
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C R35	C R35	C R35	C R35
Tolleranza - *Tolerance*	6H	6H	6H	**6G**
Rivestimento - *Coating*		TiN		

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
3	0,5	56	6	2,2	-	2,5	o	o		
4	0,7	63	7	2,8	2,1	3,3	o	o		
5	0,8	70	8	3,5	2,7	4,2	o	o		
6	1	80	10	4,5	3,4	5	o	o		
7	1	80	10	5,5	4,3	6	o	r o		
8	1,25	90	14	6	4,9	6,8	o	o		
9	1,25	90	14	7	5,5	7,8	o	r o		
10	1,5	100	16	7	5,5	8,5	o	o		
11	1,5	100	17	8	6,2	9,5	o	r o		
12	1,75	110	18	9	7	10,2	o	o	o	o
14	2	110	20	11	9	12	o	o	o	o
16	2	110	22	12	9	14	o	o	o	o
18	2,5	125	25	14	11	15,5	o	r o	o	o
20	2,5	140	25	16	12	17,5	o	r o	o	o
22	2,5	140	27	18	14,5	19,5	o	r o	o	
24	3	160	30	18	14,5	21	o	r o	o	
27	3	160	30	20	16	24	o	r o	o	
30	3,5	180	35	22	18	26,5	o	r o	o	
33	3,5	180	35	25	20	29,5	o	r o		
36	4	200	40	28	22	32	o	r o		
39	4	200	40	32	24	35	o	r o		
42	4,5	200	45	32	24	37,5	o	r o		
45	4,5	220	45	36	29	40,5	o	r o		
48	5	250	50	36	29	43	o	r o		
52	5	250	50	40	32	47	o	r o		

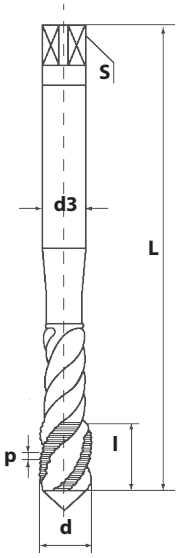
r su richiesta - *on demand*

Maschi a macchina

filettatura metrica ISO passo grosso
gambo lungo rinforzato per fori ciechi

Machine taps

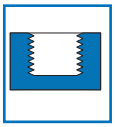
ISO metric coarse threads
long reinforced shank for blind holes



M

Norma NUI

2,5xD

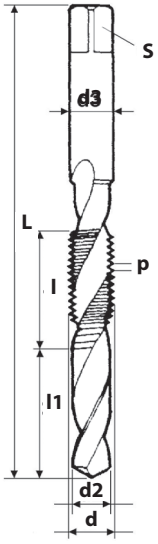


	L=100mm	L=120mm	L=150mm
Codice - *Code*	**13513**	**13514**	**13515**
Materiale - *Material*	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C R35	C R35	C R35
Tolleranza - *Tolerance*	6H	6H	6H
Rivestimento - *Coating*			

M d mm	p mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
3	0,5	11	3,5	2,7	2,5	o		
4	0,7	13	4,5	3,4	3,3	o	o	o
5	0,8	16	6	4,9	4,2	o	o	o
6	1	19	6	4,9	5	o	o	o
8	1,25	22	8	6,2	6,8	o	o	o
10	1,5	24	10	8	8,5	o	o	o
12	1,75	29	12	9	10,2	o	o	o

Punte maschio
filettatura metrica ISO passo grosso

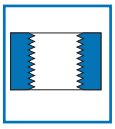
Twist drill-taps
ISO metric coarse threads



M

Norma NUI

1xD



Codice - *Code*	13601	13602	13603
Materiale - *Material*	HSS	HSS	HSSE
Imbocco - *Chamfer*			
Tolleranza - *Tolerance*	6H	6H	6H
Rivestimento - *Coating*			

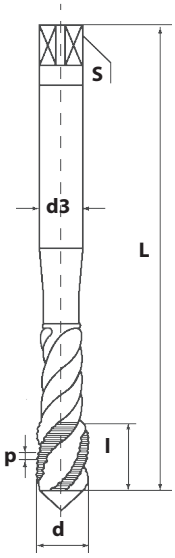
M d mm	p mm	L mm	l1 mm	l mm	d2 mm	d3 h9 mm	Sh12 mm	in stock	in stock	in stock
13601										
3	0,5	36			2,5		1/4	o		
4	0,7	39			3,3		1/4	o		
5	0,8	41			4,2		1/4	o		
6	1	44			5		1/4	o		
8	1,25	50			6,8		1/4	o		
10	1,5	50			8,5		1/4	o		
13602										
3	0,5	56	16	11	2,5	3	2,4		o	
4	0,7	63	18	14	3,3	4	3		o	
5	0,8	71	20	18	4,2	5	3,8		o	
6	1	80	22	22	5	6	4,9		o	
8	1,25	95	26	25	6,8	8	6,2		o	
10	1,5	106	30	31	8,5	10	8		o	
12	1,75	115	32	35	10,2	12	9		o	
13603										
3	0,5	75	10	8	2,5	3,5	2,7			o
4	0,7	85	12	9	3,3	4,5	3,4			o
5	0,8	95	14	12	4,2	6	4,9			o
6	1	100	15	12	5	6	4,9			o
8	1,25	110	18	14	6,8	6	4,9			o
10	1,5	130	25	16	8,5	7	5,5			o
12	1,75	150	30	18	10,3	9	7			o
14	2	160	35	22	12	11	9			o
16	2	170	38	25	14	12	9			o
18	2,5	180	42	28	15,5	14	11			o
20	2,5	190	45	28	17,5	16	12			o

Maschi a macchina

filettatura metrica "J" ISO passo grosso
elica 40° per fori ciechi

Machine taps

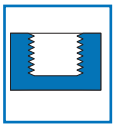
ISO metric "J" coarse threads
40° spiral flutes for blind holes



MJ

DIN 371

2,5xD



Codice - *Code*

	13505
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R40
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

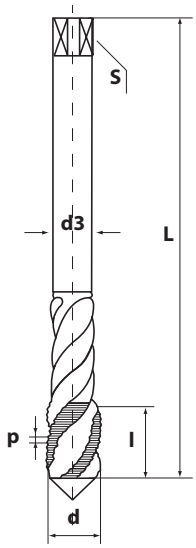
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
3	0,5	56	5	3,5	2,7	2,5	o
4	0,7	63	7	4,5	3,4	3,3	o
5	0,8	70	8	6	4,9	4,2	o
6	1	80	10	6	4,9	5	o
8	1,25	90	13	8	6,2	6,8	o
10	1,5	100	15	10	8	8,5	o

Maschi a macchina

filettatura metrica ISO passo fine
elica 35° per fori ciechi

Machine taps

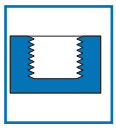
ISO metric fine threads
35° spiral flutes for blind holes



MF

DIN 374

2,5xD



13325 *LH*

Codice - *Code*	**13316**	**13325**
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C R35	C R35
Tolleranza - *Tolerance*	6H	6H
Rivestimento - *Coating*		

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
3	0,35	56	5	2,2	–	2,6	●	●
4	0,5	63	7	2,8	2,1	3,5	●	●
5	0,5	70	8	3,5	2,7	4,5	●	●
6	0,5	80	10	4,5	3,4	5,5	⊙	
6	0,75	80	10	4,5	3,4	5,2	●	●
7	0,75	80	10	5,5	4,3	6,2	●	
8	0,75	80	10	6	4,9	7,2	●	●
8	1	90	13	6	4,9	7	●	●
9	1	90	13	7	5,5	8	●	
10	0,75	90	12	7	5,5	9,2	●	●
10	1	90	12	7	5,5	9	●	●
10	1,25	100	15	7	5,5	8,8	●	●
11	1	90	12	8	6,2	10	●	
12	1	100	14	9	7	11	●	●
12	1,25	100	14	9	7	10,75	●	●
12	1,5	100	14	9	7	10,5	●	●
14	1	100	16	11	9	13	●	●
14	1,25	100	16	11	9	12,75	●	●
14	1,5	100	16	11	9	12,5	●	●
15	1	100	16	12	9	14	●	●
15	1,5	100	17	12	9	13,5	●	●
16	1	100	16	12	9	15	●	●
16	1,25	100	16	12	9	14,75	●	
16	1,5	100	16	12	9	14,5	●	●
18	1	110	20	14	11	17	●	●
18	1,5	110	20	14	11	16,5	●	●
18	2	110	20	14	11	16	●	
20	1	125	20	16	12	19	●	●
20	1,5	125	20	16	12	18,5	●	●
20	2	125	20	16	12	18	●	
22	1	125	20	18	14,5	21	●	●
22	1,5	125	20	18	14,5	20,5	●	●
22	2	125	20	18	14,5	20	●	

⊙ Nuove misure-*New sizes*

Maschi a macchina

filettatura metrica ISO passo fine
elica 35° per fori ciechi

Machine taps

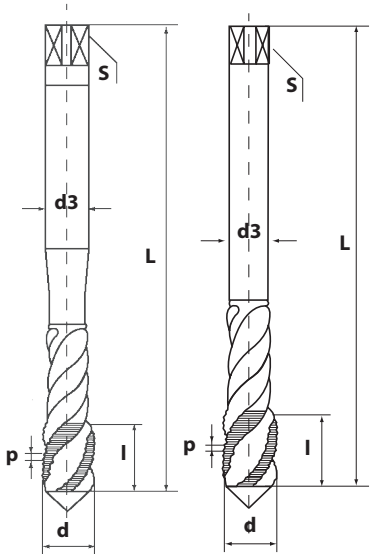
ISO metric fine threads
35° spiral flutes for blind holes

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		13316 in stock	13325 in stock
24	1	140	22	18	14,5	23	o	o
24	1,5	140	22	18	14,5	22,5	o	o
24	2	140	22	18	14,5	22	o	o
25	1,5	140	22	18	14,5	23,5	o	o
25	2	140	22	18	14,5	23	o	
26	1,5	140	22	20	16	24,5	o	o
26	2	140	22	20	16	24	o	
27	1,5	140	22	20	16	25,5	o	o
27	2	140	22	20	16	25	o	o
28	1,5	140	22	20	16	27	o	o
28	2	140	22	20	16	26	o	o
30	1	140	26	22	18	29	⊙	
30	1,5	150	26	22	18	28,5	o	o
30	2	150	26	22	18	28	o	o
32	1,5	160	26	25	20	30,5	o	
32	2	160	26	25	20	30	o	
33	1,5	160	28	25	20	31,5	o	
33	2	160	26	25	20	31	o	
35	1,5	170	30	28	22	34	⊙	
36	1,5	170	28	28	20	34,5	o	
36	2	170	28	28	20	34	o	
36	3	200	36	28	22	33	o	
39	1,5	170	25	28	24	37,5	o	
39	2	170	25	28	24	36	o	
39	3	200	30	32	24	37	o	
40	1,5	170	25	32	24	39	o	
40	2	170	25	32	24	42	o	
40	3	200	30	32	24	45	o	
42	1,5	170	25	32	24	47	o	
42	2	170	25	32	24	49	o	
42	3	200	30	32	24	39	o	
45	1,5	180	27	36	24	43,5	o	
45	2	180	27	36	24	43	o	
45	3	200	30	36	24	42	o	
48	1,5	190	27	36	29	46,5	o	
48	2	190	27	36	29	46	o	
48	3	225	33	36	29	45	o	
50	1,5	190	27	36	29	48,5	o	
50	2	190	27	36	29	48	o	
50	3	225	33	36	29	47	o	
52	1,5	190	27	40	32	50,5	o	
52	2	190	27	40	32	50	o	
52	3	225	33	40	32	49	o	

⊙ Nuove misure-*New sizes*

Maschi a macchina
filettatura Whitworth BSW
elica 35° per fori ciechi

Machine taps
Whithworth threads
35° spiral flutes for blind holes



BSW

≈DIN371 ≤3/8"

≈DIN376 ≥7/16"

2,5xD

13227

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R35
Tolleranza - *Tolerance*	media-*medium*
Rivestimento - *Coating*	

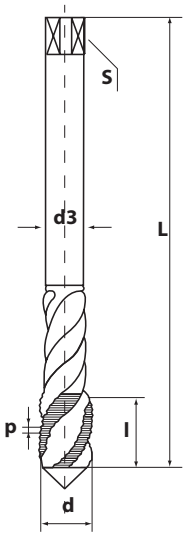
BSW d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
1/8"	40	56	7	3,5	2,7	2,5	o
5/32"	32	63	7	4,5	3,4	3,1	o
3/16"	24	70	10	6	4,3	3,6	o
1/4"	20	80	13	7	5,5	5,1	o
5/16"	18	90	14	8	6,2	6,5	o
3/8"	16	100	16	9	7	7,9	o
7/16"	14	100	17	8	6,2	9,3	o
1/2"	12	110	20	9	7	10,5	o
9/16"	12	110	20	11	9	12	o
5/8"	11	110	22	12	9	13,5	o
3/4"	10	125	25	14	11	16,5	o
7/8"	9	140	27	18	14,5	19,25	o
1"	8	160	30	20	16	22	o
1-1/4"	7	180	35	25	20	27,75	o
1-3/8"	6	200	40	28	22	30,5	o
1-1/2"	6	200	40	32	24	33,5	o

Maschi a macchina

filettatura gas cilindrica BSP
elica 35° per fori ciechi

Machine taps

BSP threads
35° spiral flutes for blind holes



BSP

DIN 5156

2,5xD

13317

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R35
Tolleranza - *Tolerance*	media-*medium*
Rivestimento - *Coating*	

BSP G	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
G 1/8"	9,73	28	90	20	7	5,5	8,8	o
G 1/4"	13,16	19	100	22	11	9	11,8	o
G 3/8"	16,66	19	100	22	12	9	15,25	o
G 1/2"	20,96	14	125	25	16	12	19	o
G 5/8"	22,91	14	125	25	18	14,5	21	o
G 3/4"	26,44	14	140	28	20	16	24,5	o
G 7/8"	30,2	14	150	28	22	18	28,25	o
G 1"	33,25	11	160	30	25	20	30,75	o
G 1-1/8"	37,9	11	170	30	28	22	35,5	o
G 1-1/4"	41,9	11	170	30	32	24	39,5	o
G 1-3/8"	44,3	11	180	32	36	29	42	o
G 1-1/2"	47,8	11	190	32	36	29	45	o
G 1-3/4"	53,8	11	200	32	40	32	51	o
G 2"	59,61	11	220	40	45	35	57	o

Maschi a macchina

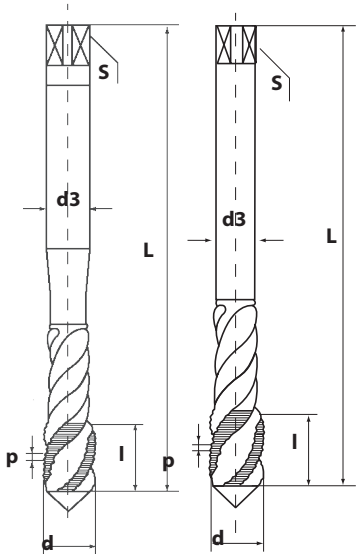
filettatura americana UNC

per fori ciechi e passanti ed elica 35° per fori ciechi

Machine taps

UNC threads

for through and blind holes and 35° spiral flutes for blind holes



UNC

≈DIN371 ≤3/8"

≈DIN376 ≥7/16"

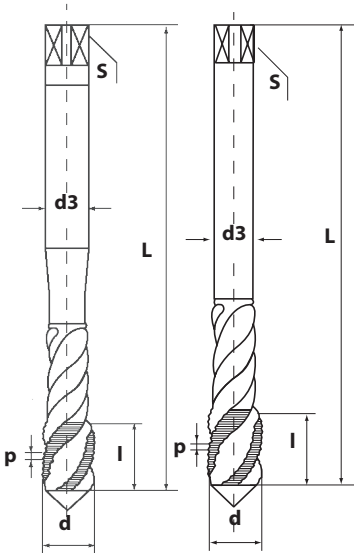
2,5xD

Codice - *Code*	**13344**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R35
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	

UNC d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°4	40	50	6	3,5	2,7	2,3	o
n°5	40	56	7	3,5	2,7	2,6	o
n°6	32	56	7	4	3	2,8	o
n°8	32	63	8	4,5	3,4	3,5	o
n°10	24	70	8	6	4,9	3,9	o
n°12	24	70	10	6	4,9	4,5	o
1/4"	20	80	10	7	5,2	5,2	o
5/16"	18	90	13	8	6,2	6,6	o
3/8"	16	90	15	9	7	8	o
7/16"	14	100	18	8	6,2	9,4	o
1/2"	13	110	20	9	7	10,75	o
9/16"	12	110	20	11	9	12,25	o
5/8"	11	110	20	12	9	13,5	o
3/4"	10	125	25	14	11	16,5	o
7/8"	9	140	27	18	14,5	19,5	o
1"	8	160	30	18	14,5	22,25	o

Maschi a macchina
filettatura americana UNF
elica 35° per fori ciechi

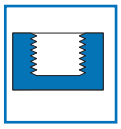
Machine taps
UNF threads
35° spiral flutes for blind holes



UNF

≈DIN371 ≤3/8″

≈DIN376 ≥7/16″



2,5xD

13354

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R35
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	

UNF d″	filetti x 1″ p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°4	48	50	6	3,5	2,7	2,4	o
n°5	44	56	7	3,5	2,7	2,7	o
n°6	40	56	7	4	3,0	3	o
n°8	36	63	8	4,5	3,4	3,5	o
n°10	32	70	10	6	4,9	4,1	o
n°12	28	70	10	6	4,9	4,7	o
1/4″	28	80	10	7	5,5	5,5	o
5/16″	24	90	10	8	6,2	6,9	o
3/8″	24	100	10	9	7	8,5	o
7/16″	20	100	15	8	6,2	9,9	o
1/2″	20	100	16	9	7	11,5	o
9/16″	18	100	16	11	9	12,9	o
5/8″	18	100	16	12	9	14,5	o
3/4″	16	110	17	14	11	17,5	o
7/8″	14	140	17	18	14,5	20,25	o
1″	12	150	20	20	16	23,25	o

Scanalature diritte e imbocco corretto
Straight flutes and gun

Pg. 74 - 79

Elica 10°-15°
15°-10° spiral flutes

Pg. 80

Elica 40°-50°
40°-50° spiral flutes

Pg. 81 - 86

MASCHI A MACCHINA "LINEA"
"LINEA" MACHINE TAPS

M-MF	Passo in mm - *Pitch in mm*							
	0,25	0,3	0,35	0,4	0,45	0,5	0,6	0,7
2	MF			M				
2,5			MF		M			
3			MF			M		
3,5			MF				M	
4						MF		M
5						MF		
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
Pollici/ Inches	N° filetti per pollice - *No° threads per inch*							
	40	32	28	24	19	18	16	14
n°4	UNC							
n°6		UNC						
n°8		UNC						
n°10				UNC				
1/8"			BSP					
1/4"					BSP			
5/16"						UNC		
3/8"					BSP		UNC	UNC
7/16"								
1/2"								BSP
5/8"								BSP
3/4"								BSP
7/8"								BSP
1"								

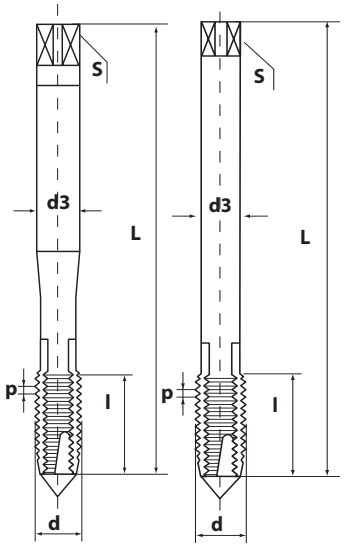
Passo in mm - *Pitch in mm*									M-MF
0,75	0,8	1	1,25	1,5	1,75	2	2,5	3	
									2
									2,5
									3
									3,5
									4
	M								5
MF		M							6
MF		MF	M						8
		MF	MF	M					10
		MF	MF	MF	M				12
			MF	MF		M			14
				MF		M			16
				MF			M		18
				MF			M		20
				MF			M		22
				MF				M	24
N° filetti per pollice - *No° threads per inch*									Pollici/ Inches
13	11	10	9	8					
									n°4
									n°6
									n°8
									n°10
									1/8"
									1/4"
									5/16"
									3/8"
UNC									7/16"
UNC									1/2"
	UNC								5/8"
		UNC							3/4"
			UNC						7/8"
	BSP			UNC					1"

Maschi a macchina

filettatura metrica ISO passo grosso
per fori passanti e ciechi

Machine taps

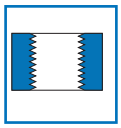
ISO metric coarse threads
for through and blind holes



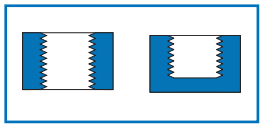
M

LINEA

DIN 371 ≤M10 | **DIN 376 ≥M12** | **2,5xD**



VA inox - *stainless steel*
CU leghe di rame - *copper alloys*
W materiali teneri - *light materials*



GG ghisa - *cast iron*

Codice - *Code*	VA 13700	CU 13790	W 13780	GG 13770
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	B	B	B	C
Tolleranza - *Tolerance*	6H	6H	6H	6H
Rivestimento - *Coating*	Vap-*Ox*	CrN		Nitr+Vap-*Ox*

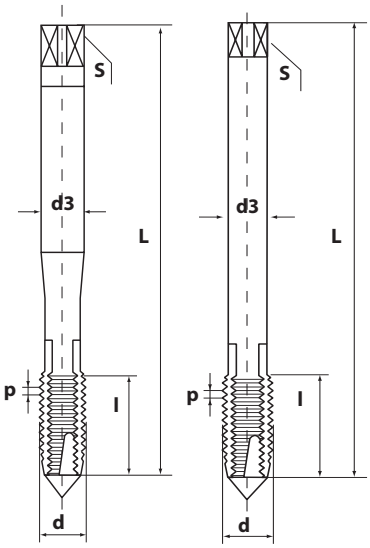
M d mm	p mm	L mm	l (B-C) mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
2	0,4	45	8	2,8	2,1	1,6			o	
2,5	0,45	50	9	2,8	2,1	2			o	
3	0,5	56	9	3,5	2,7	2,5	o	o	o	o
3,5	0,6	56	11	4	3	2,9			o	
4	0,7	63	13	4,5	3,4	3,3	o	o	o	o
5	0,8	70	13	6	4,9	4,2	o	o	o	o
6	1	80	15	6	4,9	5	o	o	o	o
8	1,25	90	18	8	6,2	6,8	o	o	o	o
10	1,5	100	20	10	8	8,5	o	o	o	o
12	1,75	110	23	9	7	10,2	o	o	o	o
14	2	110	25	11	9	12	o		o	o
16	2	110	25	12	9	14	o	o	o	o
18	2,5	125	30	14	11	15,5	o		o	
20	2,5	140	30	16	12	17,5	o	o	o	
22	2,5	140	30	18	14,5	19,5	o			
24	3	160	36	18	14,5	21	o			

Maschi a macchina

filettatura metrica ISO passo grosso
imbocco corretto per fori passanti

Machine taps

ISO metric coarse threads
spiral pointed for through holes



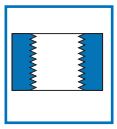
M

DIN 371 ≤ M10

DIN 376 ≥ M12

2,5xD

PM HSS



UN tutti i materiali - *all materials*

HR alta resistenza - *heat resistant*

IK lubrificazione interna - *internal cooling*

Codice - *Code*	UN 13710	IK UN 13720	HR 13730
Materiale - *Material*	PM HSS	PM HSS	PM HSS
Imbocco - *Chamfer*	B	B	B
Tolleranza - *Tolerance*	6H	6H	6HX
Rivestimento - *Coating*		TiAlN	Vap-*Ox*

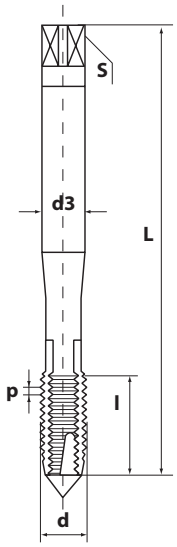
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
3	0,5	56	9	3,5	2,7	2,5	o		o
4	0,7	63	12	4,5	3,4	3,3	o		o
5	0,8	70	13	6	4,9	4,2	o		o
6	1	80	15	6	4,9	5	o	o	o
8	1,25	90	18	8	6,2	6,8	o	o	o
10	1,5	100	18	10	8	8,5	o	o	o
12	1,75	110	23	9	7	10,2	o	o	o
14	2	110	25	11	9	12	o	o	o
16	2	110	25	12	9	14	o	o	o
18	2,5	125	30	14	11	15,5	o	o	o
20	2,5	140	30	16	12	17,5	o	o	o

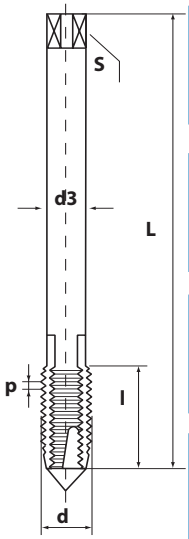
Maschi a macchina

filettatura metrica ISO passo grosso
imbocco corretto per fori passanti

Machine taps

ISO metric coarse threads
spiral pointed for through holes





M

DIN 371 ≤ M10

DIN 376 ≥ M12

3xD

PM HSS

VA inox - *stainless steel*

TI per titanio e leghe - *for titanium and alloys*

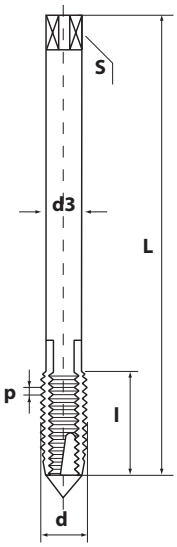
SYN per maschiatura rigida - *synchronized*

Codice - *Code*	VA 13740	SYN VA 13750	TI 13760
Materiale - *Material*	PM HSS	PM HSS	PM HSS
Imbocco - *Chamfer*	B	B	B
Tolleranza - *Tolerance*	6HX	6HX	6HX
Rivestimento - *Coating*	TiCN	TiCN	TiCN

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
3	0,5	56	9	3,5	2,7	2,5	o	o	o
4	0,7	63	12	4,5	3,4	3,3	o	o	o
5	0,8	70	13	6	4,9	4,2	o	o	o
6	1	80	15	6	4,9	5	o	o	o
8	1,25	90	18	8	6,2	6,8	o	o	o
10	1,5	100	20	10	8	8,5	o	o	o
12	1,75	110	23	9	7	10,2	o	o	o
14	2	110	25	11	9	12	o	o	o
16	2	110	25	12	9	14	o	o	o
18	2,5	125	30	14	11	15,5	o	o	o
20	2,5	140	30	16	12	17,5	o	o	o

Maschi a macchina
filettatura metrica ISO passo fine
per fori passanti e ciechi

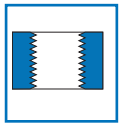
Machine taps
ISO metric fine threads
for through and blind holes



MF

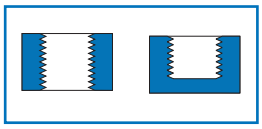
DIN 374

2,5xD



VA inox - *stainless steel*

HR alta resistenza - *heat resistant*



GG ghisa - *cast iron*

Codice - *Code*	**VA 13703**	**HR 13733**	**GG 13771**
Materiale - *Material*	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	B	B	C
Tolleranza - *Tolerance*	6H	6H	6H
Rivestimento - *Coating*	Vap-Ox	TiN	Nitr+Vap-Ox

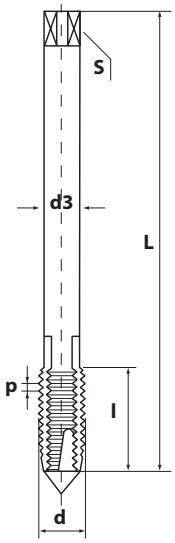
MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
4	0,5	63	12	2,8	2,1	3,5			o
5	0,5	70	13	3,5	2,7	4,5			o
6	0,75	80	15	4,5	3,4	5,2	o	o	o
8	0,75	80	15	6	4,9	7,2	o	o	
8	1	90	18	6	4,9	7	o	o	o
10	1	90	20	7	5,5	9	o	o	o
10	1,25	100	20	7	5,5	8,8	o		o
12	1	100	21	9	7	11	o	o	o
12	1,25	100	21	9	7	10,75			o
12	1,5	100	21	9	7	10,5	o	o	o
14	1,25	100	21	11	9	12,75			o
14	1,5	100	21	11	9	12,5	o	o	o
16	1,5	100	21	12	9	14,5	o	o	o
18	1,5	110	24	14	11	16,5	o	o	o
20	1,5	125	24	16	12	18,5	o	o	o
22	1,5	125	24	18	14,5	20,5	o	o	
24	1,5	140	26	18	14,5	22,5	o	o	

Maschi a macchina

filettatura gas cilindrica BSP
per fori ciechi e passanti gambo passante

Machine taps

BSP threads
for through and blind holes reduced shank



BSP

DIN 5156 **2,5xD**

VA inox - *stainless steel*

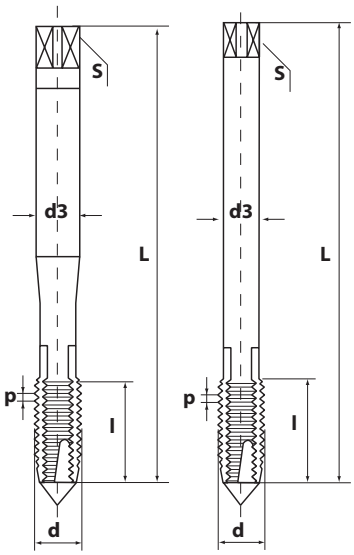
GG ghisa - *cast iron*

Codice - *Code*	VA 13705	GG 13772
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	B	C
Tolleranza - *Tolerance*	media-*medium*	media-*medium*
Rivestimento - *Coating*	Vap-*Ox*	Nitr+Vap-*Ox*

BSP G	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
G 1/8"	9,73	28	90	20	7	5,5	8,8	o	o
G 1/4"	13,16	19	100	21	11	9	11,8	o	o
G 3/8"	16,66	19	100	21	12	9	15,25	o	o
G 1/2"	20,96	14	125	24	16	12	19	o	o
G 5/8"	22,91	14	125	24	18	14,5	21	o	o
G 3/4"	26,44	14	140	26	20	16	24,5	o	o
G 7/8"	30,2	14	150	28	22	18	28,25	o	o
G 1"	33,25	11	160	30	25	20	30,75	o	o

Maschi a macchina
filettatura americana UNC
imbocco corretto per fori passanti

Machine taps
UNC threads
spiral pointed for through holes



UNC

≈DIN371 ≤3/8″

≈DIN376 ≥7/16″

2,5xD

LINEA

VA inox - *stainless steel*

VA
13707

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	B
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	Vap-*Ox*

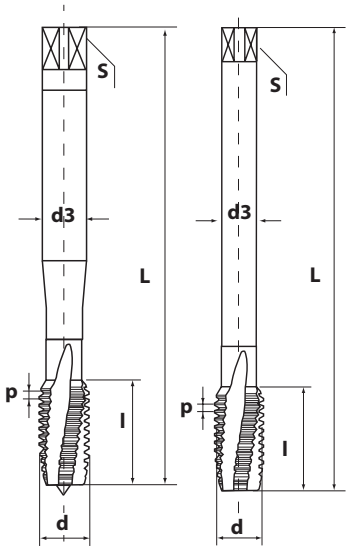
UNC d″	filetti x 1″ p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°6	32	56	11	4	3	2,8	o
n°8	32	63	12	4,5	3,4	3,5	o
n°10	24	70	13	6	4,9	3,9	o
1/4″	20	80	15	7	5,5	5,2	o
5/16″	18	90	18	8	6,2	6,6	o
3/8″	16	100	20	9	7	8	o
7/16″	14	100	20	8	6,2	9,4	o
1/2″	13	110	23	9	7	10,75	o
5/8″	11	110	25	12	9	13,5	o
3/4″	10	140	30	14	11	16,5	o
7/8″	9	140	30	18	14,5	19,5	o
1″	8	160	36	20	16	22,25	o

Maschi a macchina

filettatura metrica ISO passo grosso
elica 15° e 10° per fori ciechi

Machine taps

ISO metric coarse threads
15° and 10° spiral flutes for blind holes



M

DIN 371 ≤ M10

DIN 376 ≥ M12

2xD

PM HSS

LINEA

W materiali teneri - *light materials*

HR alta resistenza - *heat resistant*

TI per titanio e leghe - *for titanium and alloys*

IK lubrificazione interna - *internal cooling*

Codice - *Code*	W 13781	HR 13731	IK HR 13732	TI 13761
Materiale - *Material*	HSSE	PMHSS	PM HSS	PM HSS
Imbocco - *Chamfer*	C R15	C R15	C R15	C R10
Tolleranza - *Tolerance*	6H	6HX	6HX	6HX
Rivestimento - *Coating*		Vap-*Ox*	TiCN	TiCN

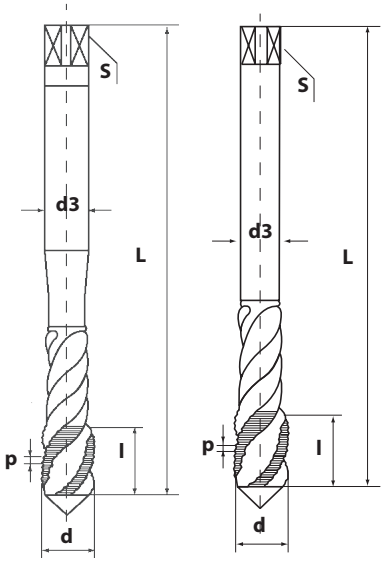
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
2	0,4	45	8	2,8	2,1	1,6	o			
2,5	0,45	50	9	2,8	2,1	2	o			
3	0,5	56	5	3,5	2,7	2,5	o	o		o
3,5	0,6	56	6	4	3	2,9	o	o		o
4	0,7	63	7	4,5	3,4	3,3	o	o		o
5	0,8	70	8	6	4,9	4,2	o	o	o	o
6	1	80	10	6	4,9	5	o	o	o	o
8	1,25	90	13	8	6,2	6,8	o	o	o	o
10	1,5	100	15	10	8	8,5	o	o	o	o
12	1,75	110	18	9	7	10,2	o	o	o	o
14	2	110	20	11	9	12	o	o	o	o
16	2	110	20	12	9	14	o	o	o	o
18	2,5	125	25	14	11	15,5	o	o	o	o
20	2,5	140	25	16	12	17,5	o	o	o	o

Maschi a macchina

filettatura metrica ISO passo grosso
elica 40° per fori ciechi

Machine taps

ISO metric coarse threads
40° spiral flutes for blind holes



M

LINEA

DIN 371 ≤ M10

DIN 376 ≥ M12

2,5xD

VA inox - *stainless steel*

CU leghe di rame - *copper alloys*

AL 2 eliche per alluminio e leghe
2 flutes for aluminium and alloys

W materiali teneri - *light materials*

13702-13742 = rastremato - *back chamfer* 3xD

Codice - *Code*	VA 13702	VA 13742	CU 13792	AL 13782	W 13783
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C R40	C R40	C R40	C R40	C R40
Tolleranza - *Tolerance*	6H	6H	6H	6H	6H
Rivestimento - *Coating*	Vap-*Ox*	TiCN	CrN		

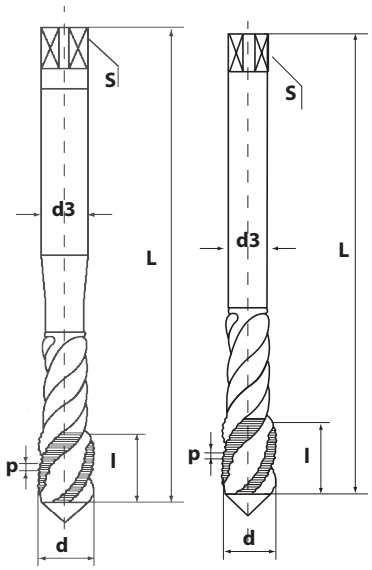
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock	in stock
2	0,4	45	8	2,8	2,1	1,6					o
2,5	0,45	50	9	2,8	2,1	2					o
3	0,5	56	5	3,5	2,7	2,5	o	o	o	o	o
3,5	0,6	56	6	4	3	2,9				o	o
4	0,7	63	7	4,5	3,4	3,3	o	o	o	o	o
5	0,8	70	8	6	4,9	4,2	o	o	o	o	o
6	1	80	10	6	4,9	5	o	o	o	o	o
8	1,25	90	13	8	6,2	6,8	o	o	o	o	o
10	1,5	100	15	10	8	8,5	o	o	o	o	o
12	1,75	110	18	9	7	10,2	o	o	o	o	o
14	2	110	20	11	9	12	o	o	o	o	o
16	2	110	20	12	9	14	o	o	o	o	o
18	2,5	125	25	14	11	15,5	o	o	o	o	o
20	2,5	140	25	16	12	17,5	o	o	o	o	o
22	2,5	140	25	18	14,5	19,5	o				
24	3	160	30	18	14,5	21	o				

Maschi a macchina

filettatura metrica ISO passo grosso
elica 45°-50° per fori ciechi

Machine taps

ISO metric coarse threads
45°-50° spiral flutes for blind holes



M

DIN 371 ≤ M10

DIN 376 ≥ M12

2,5xD

PM HSS

VA inox - *stainless steel*

SYN per maschiatura rigida - *synchronized*

IK lubrificazione interna - *internal cooling*

LINEA

	SYN		IK
	VA	VA	VA
Codice - *Code*	**13752**	**13743**	**13744**
Materiale - *Material*	PM HSS	PM HSS	PM HSS
Imbocco - *Chamfer*	C R45	C R50	C R50
Tolleranza - *Tolerance*	6H	6HX	6HX
Rivestimento - *Coating*	TiN	TiCN	TiCN

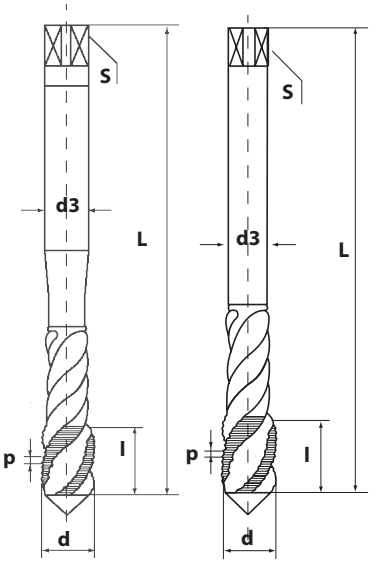
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock
3	0,5	56	5	3,5	2,7	2,5		o	
4	0,7	63	7	4,5	3,4	3,3		o	
5	0,8	70	8	6	4,9	4,2	o	o	o
6	1	80	10	6	4,9	5	o	o	o
8	1,25	90	13	8	6,2	6,8	o	o	o
10	1,5	100	15	10	8	8,5	o	o	o
12	1,75	110	18	9	7	10,2	o	o	o
14	2	110	20	11	9	12		o	o
16	2	110	20	12	9	14	o	o	o
18	2,5	125	25	14	11	15,5		o	o
20	2,5	140	25	16	12	17,5		o	o

Maschi a macchina

filettatura metrica ISO passo grosso
elica 40° per fori ciechi

Machine taps

ISO metric coarse threads
40° spiral flutes for blind holes



M

DIN 371 ≤ M10

DIN 376 ≥ M12

2,5xD

PM HSS

UN tutti i materiali - *all materials*

VA inox - *stainless steel*

IK lubrificazione interna - *internal cooling*

LINEA

Codice - *Code*	UN 13712	IK UN 13722
Materiale - *Material*	PM HSS	PM HSS
Imbocco - *Chamfer*	C R40	C R40
Tolleranza - *Tolerance*	6H	6H
Rivestimento - *Coating*		TiAlN

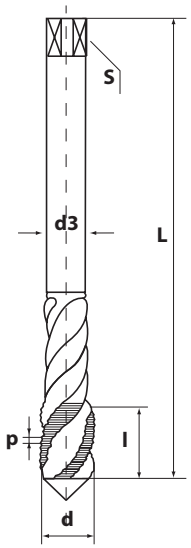
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
3	0,5	56	5	3,5	2,7	2,5	o	
4	0,7	63	7	4,5	3,4	3,3	o	
5	0,8	70	8	6	4,9	4,2	o	o
6	1	80	10	6	4,9	5	o	o
8	1,25	90	13	8	6,2	6,8	o	o
10	1,5	100	15	10	8	8,5	o	o
12	1,75	110	18	9	7	10,2	o	o
14	2	110	20	11	9	12	o	o
16	2	110	20	12	9	14	o	o
18	2,5	125	25	14	11	15,5	o	o
20	2,5	140	25	16	12	17,5	o	o

Maschi a macchina

filettatura metrica ISO passo fine
elica 35°-40° per fori ciechi

Machine taps

ISO metric fine threads
35°-40° spiral flutes for blind holes



MF

DIN 374 | **2,5xD**

HR alta resistenza - *heat resistant*

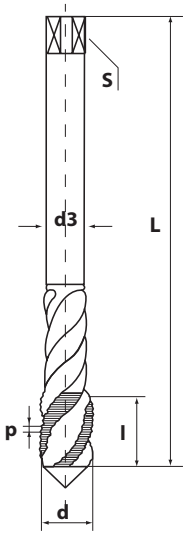
VA inox - *stainless steel*

Codice - *Code*	HR 13734	VA 13704
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C R35	C R40
Tolleranza - *Tolerance*	6H	6H
Rivestimento - *Coating*	TiN	Vap-Ox

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
6	0,75	80	10	4,5	3,4	5,2	o	o
8	0,75	80	10	6	4,9	7,2	o	o
8	1	90	13	6	4,9	7	o	o
10	1	90	12	7	5,5	9	o	o
12	1	100	14	9	7	11	o	o
12	1,5	100	14	9	7	10,5	o	o
14	1,5	100	16	11	9	12,5	o	o
16	1,5	100	16	12	9	14,5	o	o
18	1,5	110	20	14	11	16,5	o	o
20	1,5	125	20	16	12	18,5	o	o
22	1,5	125	20	18	14,5	20,5	o	o
24	1,5	140	22	18	14,5	22,5	o	o

Maschi a macchina
filettatura gas cilindrica BSP
elica 40° per fori ciechi

Machine taps
BSP threads
40° spiral flutes for blind holes



BSP

DIN 5156

VA inox - *stainless steel*

13706 = rastremato - *back chamfer* **3xD**

LINEA

VA
13706

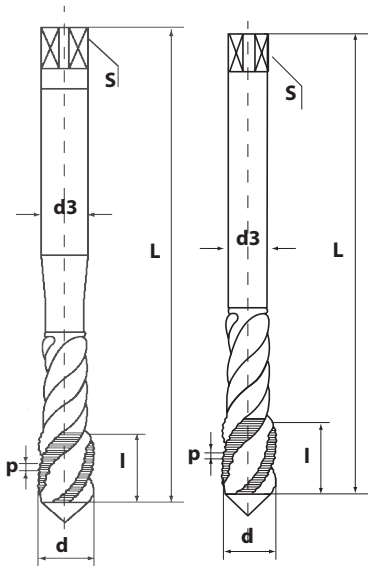
Codice - *Code*

Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R40
Tolleranza - *Tolerance*	*media-medium*
Rivestimento - *Coating*	Vap-*Ox*

BSP G	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
G 1/8"	9,73	28	90	20	7	5,5	8,8	o
G 1/4"	13,16	19	100	21	11	9	11,8	o
G 3/8"	16,66	19	100	21	12	9	15,25	o
G 1/2"	20,96	14	125	24	16	12	19	o
G 5/8"	22,91	14	125	24	18	14,5	21	o
G 3/4"	26,44	14	140	26	20	16	24,5	o
G 7/8"	30,2	14	150	28	22	18	28,25	o
G 1"	33,25	11	160	30	25	20	30,75	o

Maschi a macchina
filettatura americana UNC
elica 45° per fori ciechi

Machine taps
UNC threads
45° spiral flutes for blind holes



UNC

≈DIN371 ≤3/8"

≈DIN376 ≥7/16"

2,5xD

VA inox - *stainless steel*

13708 = rastremato - *back chamfer* **3xD**

LINEA

VA
13708

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R45
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	Vap-*Ox*

UNC d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°4	40	56	11	3,5	2,7	2,3	o
n°6	32	56	7	4	3	2,8	o
n°8	32	63	7	4,5	3,4	3,5	o
n°10	24	70	8	6	4,9	3,9	o
1/4"	20	80	10	7	5,5	5,2	o
5/16"	18	90	13	8	6,2	6,6	o
3/8"	16	100	15	9	7	8	o
7/16"	14	100	18	8	6,2	9,4	o
1/2"	13	110	20	9	7	10,75	o
5/8"	11	110	20	12	9	13,5	o
3/4"	10	140	25	14	11	16,5	o
7/8"	9	140	25	18	14,5	19,5	o
1"	8	160	30	18	16	22,25	o

A rullare *Cold forming*	Scanalature diritte e imbocco corretto *Straight flutes and gun*	Elica 15° sinistra e destra *15° left and right spiral flutes*	Elica 40°,45° *Spiral flutes 40°,45°*	Punta maschi rotti *Broken taps drill*
Pg. 90	Pg. 91 - 96	Pg. 97 - 98	Pg. 99 - 103	Pg. 104

MASCHI A MACCHINA AD ALTE PRESTAZIONI

HIGH PERFORMANCE MACHINE TAPS

M-MF	Passo in mm - *Pitch in mm*						
	0,35	0,4	0,45	0,5	0,6	0,7	0,75
1,6	MF						
2		M					
2,5			M				
3				M			
3,5					M		
4				MF		M	
5				MF			
6				MF			MF
7							
8				MF			MF
10							MF
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
Pollici/ Inches	N° filetti per pollice - *No° threads per inch*						
	40	32	28	24	20	19	18
n°4	40	32	28	24	20	19	18
n°6							
n°8							
n°10		UNC					
1/8"	BSP						
1/4"			BSP				
5/16"				UNC			
3/8"			BSP		UNC	UNC	
7/16"							
1/2"						BSP	
5/8"						BSP	
3/4"						BSP	
1"						BSP	

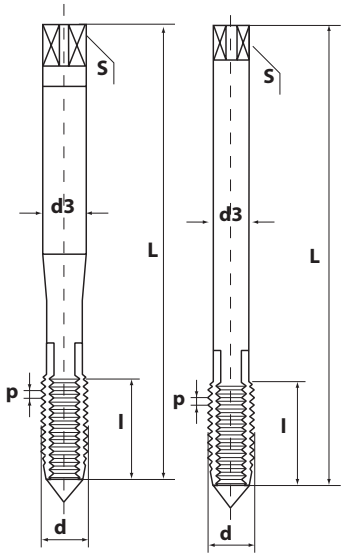
Passo in mm - *Pitch in mm*								M-MF
0,8	1	1,25	1,5	1,75	2	2,5	3	
								1,6
								2
								2,5
								3
								3,5
								4
M								5
	M							6
	M							7
	MF	M						8
	MF	MF	M					10
	MF	MF	MF	M				12
	MF	MF	MF		M			14
	MF		MF		M			16
	MF		MF			M		18
	MF		MF			M		20
			MF			M		22
			MF				M	24
			MF					26
			MF					28
			MF					30
N° filetti per pollice - *No° threads per inch*								Pollici/ Inches
16	14	13	11	10	9	8		
								n°4
								n°6
								n°8
								n°10
								1/8"
								1/4"
								5/16"
UNC								3/8"
	UNC							7/16"
	BSP	UNC						1/2"
			UNC					5/8"
	BSP			UNC				3/4"
			BSP			UNC		1"

Maschi a macchina

filettatura metrica ISO passo grosso
per fori ciechi e passanti
a rullare

Machine taps

ISO metric coarse threads
for through and blind holes
for cold forming

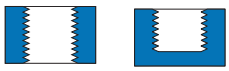


M

DIN 371 ≤ M10

DIN 376 = 12

2,5xD



HIGH TEC

Codice - *Code*	**14090**	**14090TIN**
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	6H	6H
Rivestimento - *Coating*	Nitr	TiN

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
2	0,4	45	8	2,5	2,1	1,8	⊙	⊙
3	0,5	56	11	3,5	2,7	2,8	o	o
3,5	0,6	56	11	4	3	3,25	o	⊙
4	0,7	63	13	4,5	3,4	3,7	o	o
5	0,8	70	15	6	4,9	4,7	o	o
6	1	80	17	6	4,9	5,6	o	o
8	1,25	90	20	8	6,2	7,5	o	o
10	1,5	100	22	10	8	9,4	o	o
12	1,75	110	24	9	7	11,2	o	o

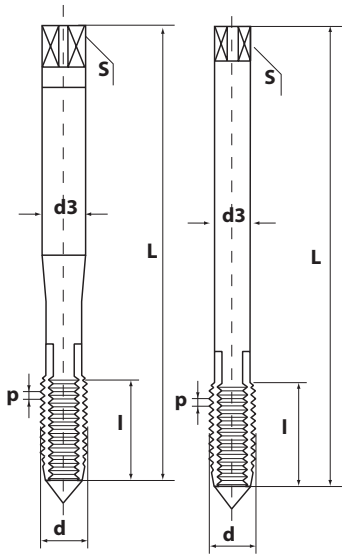
⊙ Nuove misure-*New sizes*

Maschi a macchina

filettatura metrica ISO passo grosso
per fori ciechi e passanti

Machine taps

ISO metric coarse threads
for through and blind holes

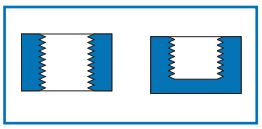


M

DIN 371 ≤ M10

DIN 376 ≥ M12

2,5xD



14070 = ghisa - *cast iron*

Codice - *Code*	**14204**	**14070**
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C	C
Tolleranza - *Tolerance*	6H	6H
Rivestimento - *Coating*		Nitr

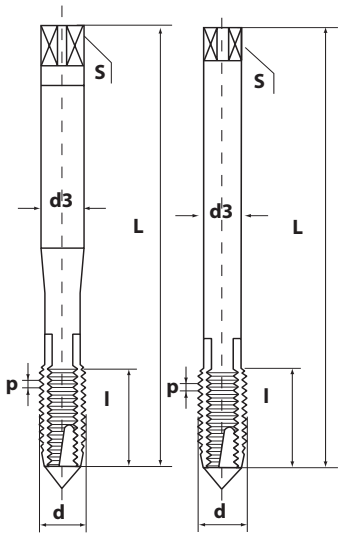
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
3	0,5	56	11	3,5	2,7	2,5	o	o
4	0,7	63	13	4,5	3,4	3,3	o	o
5	0,8	70	15	6	4,9	4,2	o	o
6	1	80	17	6	4,9	5	o	o
8	1,25	90	20	8	6,2	6,8	o	o
10	1,5	100	22	10	8	8,5	o	o
12	1,75	110	24	9	7	10,2	o	o
14	2	110	26	11	9	12		o
16	2	110	27	12	9	14	o	o
20	2,5	140	32	16	12	17,5	o	o

Maschi a macchina

filettatura metrica ISO passo grosso
imbocco corretto per fori passanti

Machine taps

ISO metric coarse threads
spiral pointed for through holes



M

DIN 371 ≤ M10

DIN 376 ≥ M12

2,5xD

HIGH TEC

14051 = per inox - *for stainless steel*

14080 = per alluminio - *for aluminium*

Codice - *Code*	14200	14215	14051	14080
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	B	B AZ	B	B
Tolleranza - *Tolerance*	6H	6H	6H	6H
Rivestimento - *Coating*			Nitr	

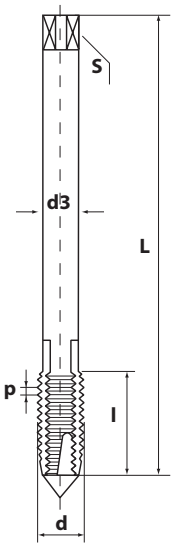
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
1,6	0,35	40	6	2,5	2,1	1,25	o			
2	0,4	45	7	2,8	2,1	1,6	o		o	
2,5	0,45	50	7,5	2,8	2,1	2	o			
3	0,5	56	11	3,5	2,7	2,5	o	o	o	o
3,5	0,6	56	12	4	3	2,9	o			o
4	0,7	63	13	4,5	3,4	3,3	o	o	o	o
5	0,8	70	15	6	4,9	4,2	o	o	o	o
6	1	80	17	6	4,9	5	o	o	o	o
7	1	80	17	7	5,5	6	o			o
8	1,25	90	20	8	6,2	6,8	o	o	o	o
10	1,5	100	22	10	8	8,5	o	o	o	o
12	1,75	110	24	9	7	10,2	o	o	o	o
14	2	110	26	11	9	12	o			o
16	2	110	27	12	9	14	o	o	o	o
18	2,5	125	30	14	11	15,5	o		o	
20	2,5	140	32	16	12	17,5	o		o	o
24	3	160	34	18	14,5	21	o		o	o

Maschi a macchina

filettatura metrica ISO passo fine
imbocco corretto per fori passanti gambo passante

Machine taps

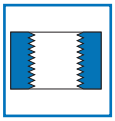
ISO metric fine threads
spiral pointed for through holes reduced shank



MF

DIN 374

2,5xD



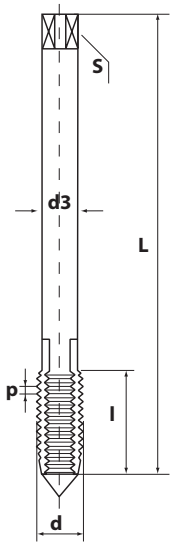
HIGH TEC

Codice - *Code*	**14210**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	B
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
4	0,5	63	10	2,8	2,1	3,5	o
5	0,5	70	11	3,5	2,7	4,5	o
6	0,5	80	13	4,5	3,4	5,5	o
6	0,75	80	13	4,5	3,4	5,2	o
8	0,5	80	14	6	4,9	7,5	o
8	0,75	80	14	6	4,9	7,2	o
8	1	90	17	6	4,9	7	o
10	0,75	90	18	7	5,5	9,2	o
10	1	90	18	7	5,5	9	o
10	1,25	100	22	7	5,5	8,8	o
12	1	100	18	9	7	11	o
12	1,25	100	22	9	7	10,75	o
12	1,5	100	22	9	7	10,5	o
14	1	100	18	11	9	13	o
14	1,25	100	22	11	9	12,75	o
14	1,5	100	22	11	9	12,5	o
16	1	100	18	12	9	15	o
16	1,5	100	22	12	9	14,5	o
18	1	110	20	14	11	17	o
18	1,5	110	25	14	11	16,5	o
20	1	125	20	16	12	19	o
20	1,5	125	25	16	12	18,5	o
22	1,5	125	25	18	14,5	20,5	o
24	1,5	140	27	18	14,5	22,5	o
26	1,5	140	28	20	16	24,5	o
28	1,5	140	28	20	16	27	o
30	1,5	150	28	22	18	28,5	o

Maschi a macchina
filettatura gas cilindrica BSP
per fori ciechi e passanti

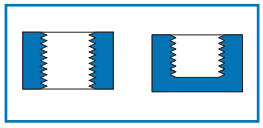
Machine taps
BSP threads
for through and blind holes



BSP

DIN 5156

2,5xD



HIGH TEC

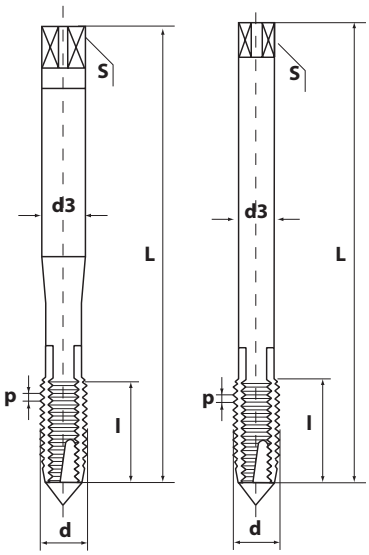
14228 = per ghisa - *cast iron*

Codice - *Code*	**14228**	**14225**
Materiale - *Material*	HSSE	HSSE
Imbocco - *Chamfer*	C	B
Tolleranza - *Tolerance*	media-*medium*	media-*medium*
Rivestimento - *Coating*	Nitr	

BSP G	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock
G 1/8"	9,73	28	90	18	7	5,5	8,8	o	o
G 1/4"	13,16	19	100	22	11	9	11,8	o	o
G 3/8"	16,66	19	100	22	12	9	15,25	o	o
G 1/2"	20,96	14	125	25	16	12	19	o	o
G 3/4"	26,44	14	140	28	20	16	24,5		o
G 1"	33,25	11	160	30	25	20	30,75		o

Maschi a macchina
filettatura americana UNC
imbocco corretto per fori passanti

Machine taps
UNC threads
spiral pointed for through holes



UNC

≈DIN371 ≤3/8″

≈DIN376 ≥7/16″

2,5xD

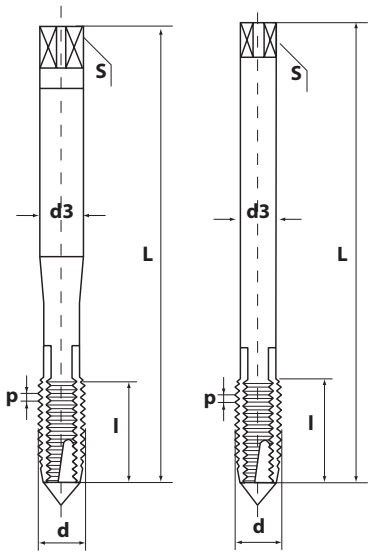
HIGH TEC

Codice - *Code*	**14240**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	B
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	

UNC d″	filetti x 1″ p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°4	40	50	11	3,5	2,7	2,3	o
n°6	32	56	12	4	3	2,8	o
n°8	32	63	13	4,5	3,4	3,5	o
n°10	24	70	15	6	4,9	3,9	o
1/4″	20	80	17	7	5,5	5,2	o
5/16″	18	90	20	8	6,2	6,6	o
3/8″	16	100	22	9	7	8	o
7/16″	14	100	22	8	6,2	9,4	o
1/2″	13	110	25	9	7	10,75	o
5/8″	11	110	27	12	9	13,5	o
3/4″	10	140	30	14	11	16,5	o

Maschi a macchina
filettatura americana UNF
imbocco corretto per fori passanti

Machine taps
UNF threads
spiral pointed for through holes



UNF

≈DIN371 ≤3/8″

≈DIN376 ≥7/16″

2,5xD

HIGH TEC

Codice - *Code*	14250
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	B
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	

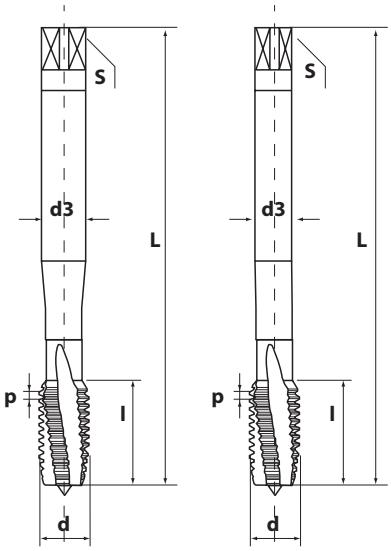
UNF d″	filetti x 1″ p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°10	32	70	15	6	4,9	4,1	o
1/4″	28	80	17	7	5,5	5,5	o
5/16″	24	90	17	8	6,2	6,9	o
3/8″	24	100	18	9	7	8,5	o
7/16″	20	100	22	8	6,2	9,9	o
1/2″	20	100	22	9	7	11,5	o

Maschi a macchina

filettatura metrica ISO passo grosso destra
elica sinistra 15° per fori passanti

Machine taps

ISO metric coarse threads RH
15° left spiral flutes for through holes



M

DIN 371 ≤ M10

DIN 376 ≥ M12

3xD

14550

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	D L15
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
2	0,4	45	7	2,8	2,1	1,6	¶ o
2,5	0,45	50	7,5	2,8	2,1	2	¶ o
3	0,5	56	11	3,5	2,7	2,5	o
4	0,7	63	13	4,5	3,4	3,3	o
5	0,8	70	15	6	4,9	4,2	o
6	1	80	17	6	4,9	5	o
8	1,25	90	20	8	6,2	6,8	o
10	1,5	100	22	10	8	8,5	o
12	1,75	110	24	9	7	10,2	o
16	2	110	27	12	9	14	o

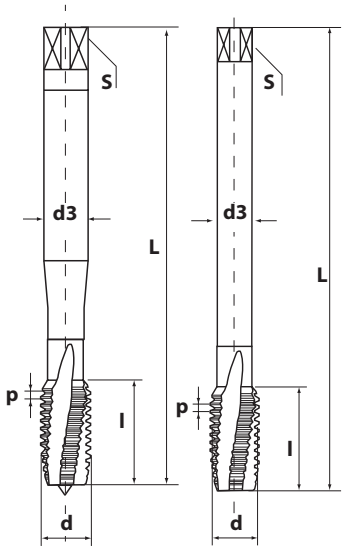
¶ In esaurimento - *While stocks last*

Maschi a macchina

filettatura metrica ISO passo grosso
elica 15° per fori ciechi

Machine taps

ISO metric coarse threads
15° spiral flutes for blind holes



M

DIN 371 ≤ M10

DIN 376 ≥ M12

2xD

14300

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R15
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

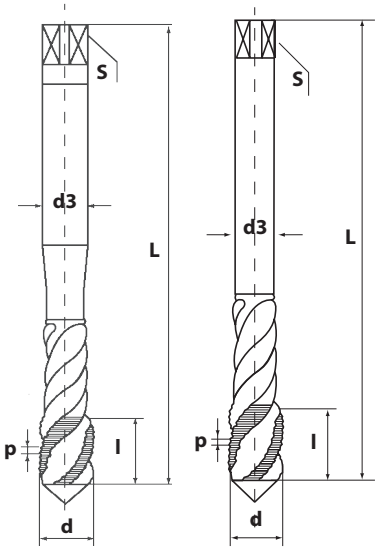
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
2	0,4	45	7	2,8	2,1	1,6	o
2,5	0,45	50	9	2,8	2,1	2	o
3	0,5	56	11	3,5	2,7	2,5	o
4	0,7	63	13	4,5	3,4	3,3	o
5	0,8	70	15	6	4,9	4,2	o
6	1	80	17	6	4,9	5	o
8	1,25	90	20	8	6,2	6,8	o
10	1,5	100	22	10	8	8,5	o
12	1,75	110	24	9	7	10,2	o
14	2	110	26	11	9	12	o
16	2	110	27	12	9	14	o
20	2,5	140	32	16	12	17,5	o

Maschi a macchina

filettatura metrica ISO passo grosso
elica 40°, 45° per fori ciechi

Machine taps

ISO metric coarse threads
40°, 45° spiral flutes for blind holes



M

DIN 371 ≤ M10

DIN 376 ≥ M12

2,5xD

HIGH TEC

14052 = per inox - *for stainless steel*

14054 = rastremato - *back chamfer* **3xD**

14081 = materiali teneri - *soft materials*

Codice - *Code*	**14306**	**14052**	**14054**	**14081**
Materiale - *Material*	HSSE	HSSE	HSSE	HSSE
Imbocco - *Chamfer*	C R40	C R40	C R40	C R45
Tolleranza - *Tolerance*	6H	6H	6HX	6H
Rivestimento - *Coating*				

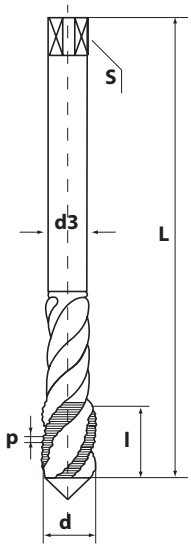
M d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock	in stock	in stock	in stock
2	0,4	45	4	2,8	2,1	1,6	o	o		o
2,5	0,45	50	5	2,8	2,1	2				o
3	0,5	56	6	3,5	2,7	2,5	o	o		o
4	0,7	63	7	4,5	3,4	3,3	o	o		o
5	0,8	70	8	6	4,9	4,2	o	o		o
6	1	80	10	6	4,9	5	o	o	o	o
8	1,25	90	14	8	6,2	6,8	o	o	o	o
10	1,5	100	16	10	8	8,5	o	o	o	o
12	1,75	110	18	9	7	10,2	o	o	o	o
14	2	110	20	11	9	12	o		o	o
16	2	110	22	12	9	14	o	o	o	o
18	2,5	125	24	14	11	15,5	o		o	o
20	2,5	140	25	16	12	17,5	o	o		o
24	3	160	30	18	14,5	21	o	o	o	o

Maschi a macchina

filettatura metrica ISO passo fine
elica 40° per fori ciechi

Machine taps

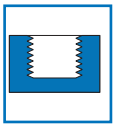
ISO metric fine threads
40° spiral flutes for blind holes



MF

DIN 374

2,5xD



HIGH TEC

14316

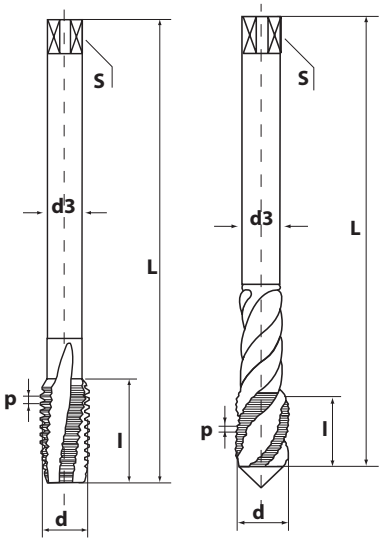
Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R40
Tolleranza - *Tolerance*	6H
Rivestimento - *Coating*	

MF d mm	p mm	L mm	l mm	d3 h9 mm	S h12 mm		in stock
4	0,5	63	8	2,8	2,1	3,5	¶ o
5	0,5	70	10	3,5	2,7	4,5	¶ o
6	0,5	80	12	4,5	3,4	5,5	¶ o
6	0,75	80	12	4,5	3,4	5,2	¶ o
8	0,75	80	11	6	4,9	7,2	¶ o
8	1	90	10	6	4,9	7	o
10	1	90	10	7	5,5	9	o
10	1,25	100	16	7	5,5	8,8	o
12	1	100	11	9	7	11	o
12	1,25	100	15	9	7	10,75	o
12	1,5	100	15	9	7	10,5	o
14	1,5	100	15	11	9	12,5	o
16	1,5	100	15	12	9	14,5	o
18	1,5	110	17	14	11	16,5	o
20	1,5	125	17	16	12	18,5	o
22	1,5	125	17	18	14,5	20,5	o
24	1,5	140	20	18	14,5	22,5	o

¶ In esaurimento - *While stocks last*

Maschi a macchina
filettatura gas cilindrica BSP
elica 40° per fori ciechi

Machine taps
BSP threads
40° spiral flutes for blind holes



BSP

DIN 5156

2,5xD

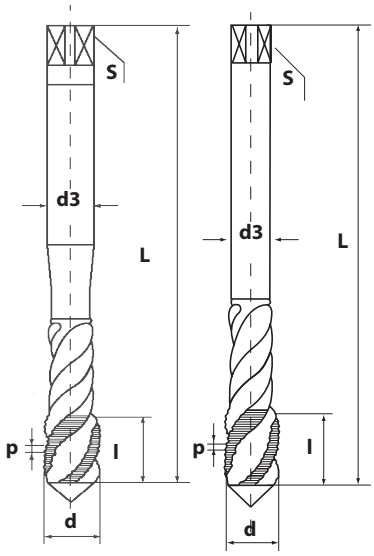
14317

Codice - *Code*	
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R40
Tolleranza - *Tolerance*	media-*medium*
Rivestimento - *Coating*	

BSP G	d mm	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
G 1/8"	9,73	28	90	10	7	5,5	8,8	o
G 1/4"	13,16	19	100	15	11	9	11,8	o
G 3/8"	16,66	19	100	15	12	9	15,25	o
G 1/2"	20,96	14	125	17	16	12	19	o
G 3/4"	26,44	14	140	20	20	16	24,5	o
G 1"	33,25	11	160	24	25	20	30,75	o

Maschi a macchina
filettatura americana UNC
elica 40° per fori ciechi

Machine taps
UNC threads
40° spiral flutes for blind holes



UNC

≈DIN371 ≤3/8"

≈DIN376 ≥7/16"

2,5xD

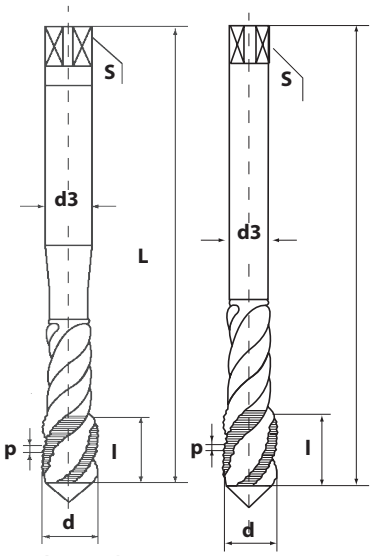
HIGH TEC

Codice - *Code*	**14247**
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R40
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	

UNC d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°4	40	56	6	3,5	2,7	2,3	o
n°6	32	56	7	4	3	2,8	o
n°8	32	63	8	4,5	3,4	3,5	o
n°10	24	70	10	6	4,9	3,9	o
1/4"	20	80	13	7	5,5	5,2	o
5/16"	18	90	14	8	6,2	6,6	o
3/8"	16	100	16	9	7	8	o
7/16"	14	100	18	8	6,2	9,4	o
1/2"	13	110	20	9	7	10,75	o
5/8"	11	110	22	12	9	13,5	o
3/4"	10	140	25	14	11	16,5	o

Maschi a macchina
filettatura americana UNF
elica 40° per fori ciechi

Machine taps
UNF threads
40° spiral flutes for blind holes



UNF

≈DIN371 ≤3/8"

≈DIN376 ≥7/16"

2,5xD

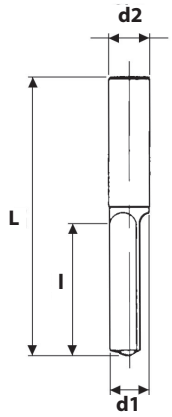
HIGH TEC

Codice - *Code*	14257
Materiale - *Material*	HSSE
Imbocco - *Chamfer*	C R40
Tolleranza - *Tolerance*	2B
Rivestimento - *Coating*	

UNC d"	filetti x 1" p	L mm	l mm	d3 h9 mm	S h12 mm		in stock
n°10	32	70	10	6	4,9	4,1	o
1/4"	28	80	10	7	5,5	5,5	o
5/16"	24	90	10	8	6,2	6,9	o
3/8"	24	100	10	9	7	8,5	o
7/16"	20	100	13	8	6,2	9,9	o
1/2"	20	100	13	9	7	11,5	o

Punta per frantumazione maschi rotti

Broken taps crunching drill



Norma NUI

UTILIZZO:
spianare il maschlo rotto e creare un incavo con una fresa, quindi perforare con questa punta, infine togliere i frammenti e ripassare la punta da preforo.
velocità: 120/150 m/min; avanzamento 0,03-0,05 mm/giro

HIGH TEC

USAGE:
flatten the broken tap and chase it with a mill, then drill with this tool and eventually take the chips out and drill again with the tapping drill.
speed: *120/150 m/min; feed: 0,03-0,05 mm/rev*

13660

Codice - *Code*	
Materiale - *Material*	HM
Imbocco - *Chamfer*	
Tolleranza - *Tolerance*	
Rivestimento - *Coating*	TiN

M	d1 e9 mm	d2 h6 mm	L mm	l mm	z n°	in stock
M4	3,3	6	50	15	3	o
M5	4,2	6	50	15	3	o
M6	5	6	50	15	3	o
M8	6,8	8	60	20	3	o
M10	8,5	10	70	25	3	o
M12	10,2	12	75	30	3	o

Assortimenti di punte per frantumazione maschi rotti

Broken taps crunching drills sets

13662

Codice - *Code*	
Materiale - *Material*	HM
Imbocco - *Chamfer*	
Tolleranza - *Tolerance*	
Rivestimento - *Coating*	TiN
Ampiezza gamma - *Size range*	M 4-5-6-8
N° di punte - No. of drills	4

	in stock
	o

NUOVO - *NEW*

Abbreviazioni

Short signs

Materiali - *Materials*

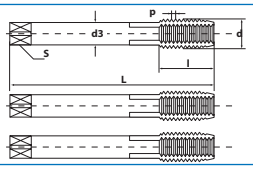
HSS = acciaio super rapido - *high speed steel (AISI M2)*
HSSE = acciaio super rapido al cobalto - *high speed steel with cobalt (AISI M35)*
PM HSS= acciaio da polveri super rapido - *powder metal high speed steel*
HM= metallo duro - *solid carbide*

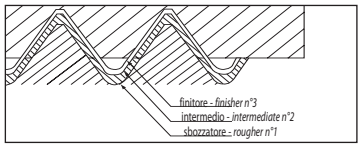
Imbocco - *Chamfer*

Maschi a mano - *Hand taps:*

C = 2-3 filetti del finitore (6-8 sbozzatore, 4-5 intermedio)
2-3 finisher threads (6-8 rougher, 4-5 intermediate)

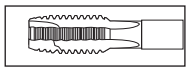
sbozzatore - *rougher*
intermedio - *intermediate*
finitore - *finisher*



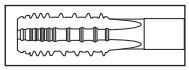


Maschi a macchina - *Machine taps:*

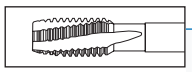
B = imbocco corretto, 4-5 filetti, per fori passanti- *spiral point nose , 4-5 threads, for through holes*



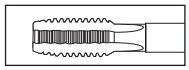
B AZ = imbocco corretto a filetti alternati, 4-5 filetti, per fori passanti - *spiral point and interrupted threads, 4-5 threads for through holes*



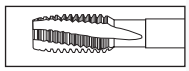
D L15 = elica 15° sinistra, 4-5 filetti, per fori passanti - *15° left handed flutes, 4-5 threads, for through holes*



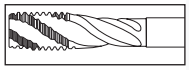
C = scanalature diritte, 2-3 filetti, per fori ciechi e passanti - *straight flutes, 2-3 threads for through and blind holes*



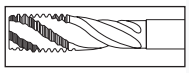
C R15 = elica destra 15°, 2-3 filetti, per fori ciechi - *15° right handed flutes, 2-3 threads for blind holes*



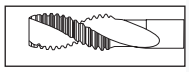
C R35-40 = elica destra 35-40°, 2-3 filetti, per fori ciechi profondi - *right handed flutes, 2-3 threads for deep blind holes*



C R45-50 = elica destra 45-50°, 2-3 filetti per fori ciechi in materiali tenaci - *right handed flutes, 2-3 threads, for long chipping materials*



C R45 = 2 eliche destre 45°, 2-3 filetti per fori ciechi in alluminio e leghe leggere - *2 right handed flutes, 2-3 threads, for aluminium and soft materials*

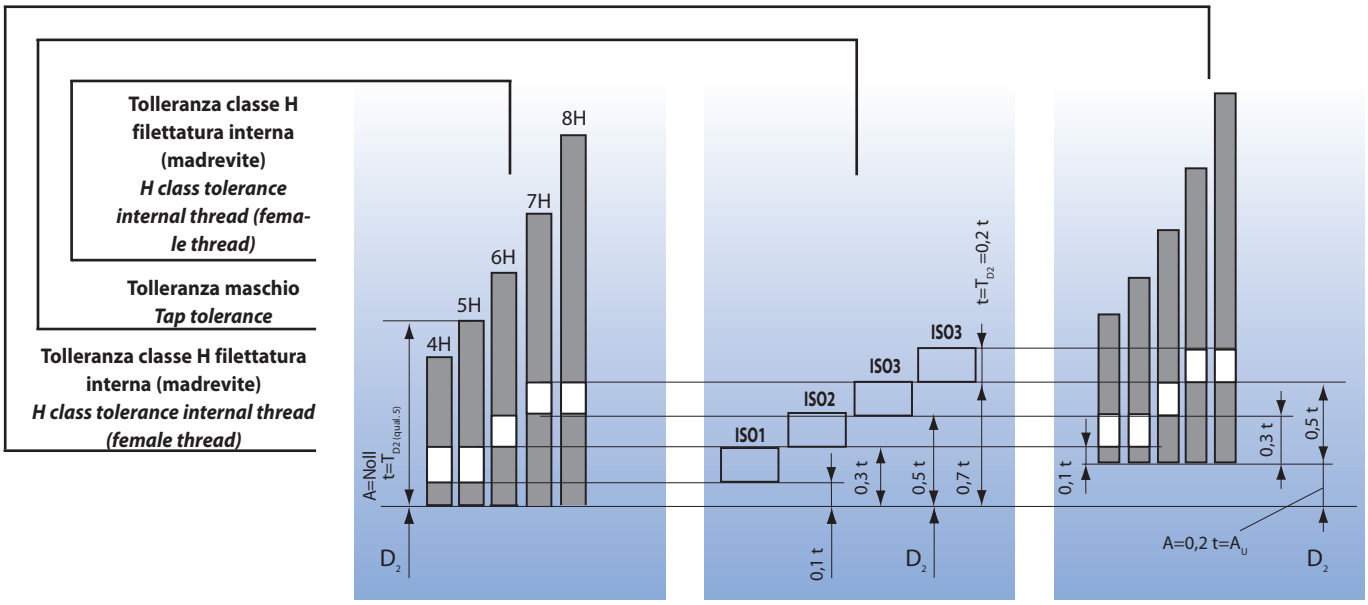


Filiere-*Dies:*
i.c.- s.p.= imbocco corretto, 1,75 filetti (2,25 nella filiera per inox 13805) - *spiral point, 1,75 threads (2,25 in die for stainless steel 13805)*

Classe di tolleranza del maschio - *Tap tolerance class*

ISO	DIN	ANSI BS	Classe di tolleranza del filetto interno *Internal thread tolerance*				
ISO 1	4 H	3 B	4 H	5 H			
ISO 2	6 H	2 B	4 G	5 G	6 H		
ISO 3	6 G	1 B			6 G	7 H	8 H
-	7 G	-				7 G	8 G

Classi di tolleranza per maschi e filetti interni - *Tolerance class of taps and internal threads*



Rivestimento - *Coating*

Vap-*Ox* = vaporizzato - *oxidized (steam tempered)*
TiN = nitruro di titanio - *titanium nitiride*
TiCN = nitruro di titanio e carbonio - *titanium and carbon nitride*
TiAlN = nitruro di titanio e alluminio - *titanium and aluminium nitride*
Nitr = nitrurato - *nitrided*
CrN= nitruro di cromo - *chromium nitride*

Filiere-*Dies:*
Lap= lappata, lucida - *lapped, bright*
Vap-*Ox* = vaporizzato - *oxidized (steam tempered)*

Tutti i maschi High Tech possono venir ricoperti TiN o TiAlN su richiesta
All High Tech taps can be coated TiN or TiAlN on demand

Condizioni generali di vendita
General sales conditions

Offerte
Le offerte sono sempre senza impegno, salvo diverse indicazioni in contrario, e sono subordinate alle presenti condizioni di vendita che si considerano conosciute e accettate senza riserva da tutti i committenti e valide a tutti gli effetti di legge. I prezzi specificati nelle stesse potranno essere riveduti qualora prima dell'eventuale ordinazione o durante il corso della fornitura dovessero verificarsi aumenti nei costi dei materiali o in quelli della mano d'opera. Quando trattasi di utensili normali gli impegni delle offerte si intendono da noi assunti salvo venduto.

Ordinazioni
Ordine minimo Euro 150,00.
Ogni ordinazione è da ritenersi accettata tacitamente alle nostre condizioni di vendita.
Per forniture di utensili in esecuzione speciale e non prodotti in serie, ci riserviamo, per esigenze di produzione, la facoltà di fornire un quantitativo in più o in meno rispetto a quello ordinato.

Consegna
I termini di consegna si intendono sempre e unicamente informativi. Essi verranno prorogati in caso di forza maggiore senza che il committente abbia diritto di annullare l'ordine o di esigere alcun indennizzo di nessuna specie. E' facoltà della NUI UTENSILI EUROPA s.r.l derogare al punto di cui sopra. Le spedizioni vengono sempre eseguite per conto del committente e i materiali viaggiano a suo rischio e pericolo. I reclami per eventuali manomissioni e ammanchi devono essere sempre ed esclusivamente presentati dal destinatario al vettore. L'eventuale restituzione di materiale non ordinato o difettoso potrà essere attuata solamente dopo averci informato e aver richiesto il codice di restituzione.

Imballo
Viene sempre effettuato al costo.

Condizioni di vendita
L'azienda si riserva di poter modificare, in ogni momento, le condizioni di vendita accordate al cliente.

Pagamenti
Il pagamento dell'importo della fornitura sarà volta per volta concordato e confermato nella nostra conferma di ordinazione stessa. I pagamenti devono essere eseguiti al nostro domicilio di V. Ratto 17 Genova Prà . Resta convenuto che i pagamenti fatti a mezzo tratta o con accettazione di cambiali a firma del cliente non costituiscono modificazione al patto per il quale i pagamenti debbono essere fatti al predetto nostro domicilio. Sulle somme pagate in ritardo saranno conteggiati gli interessi bancari correnti, dalla data di scadenza a quella dell'effettivo incasso, maggiorati di eventuali spese accessorie.

Garanzie
Garantiamo la buona costruzione e la bontà dei materiali di nostra fornitura. Gli utensili riconosciuti difettosi da ambo le parti saranno da noi sostituiti gratuitamente. Si intende cessata ogni garanzia qualora l'inefficienza degli utensili provenisse da un'usura normale, da imperizia degli utilizzatori o dal non aver osservato le disposizioni che la buona regola e le norme vigenti prescrivono.

Foro Competente
Per ogni controversia viene riconosciuta l'esclusiva competenza del Foro di Genova.

NB: NUI UTENSILI EUROPA s.r.l. si riserva il diritto di apportare modifiche e variazioni ai dati contenuti nel presente listino senza obbligo di preavviso.

Offers
Offers are never binding, unless otherwise indicated, and are subordinated to these general sales conditions. These conditions shall be considered as being known to and accepted without reserve by all clients, and remain valid under all effects of law. The prices specified in these offers can be modified, either before ordering during supply, whenever the cost of material or manual labour increases. When dealing with normal tools, we mean the offer obligation to be subject to prior sale.

Orders
We will accept orders for not less than Euro 150,00.
Every order is meant as accepted under our sales conditions.
When supplying tools made on demand and non-standard items, we reserve the right to supply a quantity that may be slightly less or slightly more than the one quoted in the order, because of production requirements.

Delivery
The delivery terms are always and only informative. If the delivery terms extended because of greater forces, the client cannot cancel the order or request damages of any type. Shipments are always carried out by the client and the materials travel at his/her own risk of danger. Complaints for any tampering and missing pieces must always and only be presented by the receiver to the shipping agent. The articles not ordered or damaged will be returned only after having informed us and required our internal code of substitution.

Packaging
Always at cost.

Sales conditions
The company reserves the right to modify the sales conditions agreed upon with client at any moment.

Payments
Payment of the invoiced amount shall be agreed upon when ordering, and confirmed in our order confirmation.
Payments should be made to our address in V. G. Ratto 17 Genova Pr . It is agreed that payments made by draft or with the acceptance of promissory notes signed by the client do not modify the fact that payments must be made to our address, given above.
The current bank interest shall be added for delays in payment from the deadline to the true payment date, increased by possible additional costs.

Guarantees
We guarantee the good construction and quality of the material supplied by us. The tools which can not be used will be replaced free of charge. Any guarantee shall cease when the irregularity of the tools is caused by normal wear or wrong use by the user or when the laws and current standards are not observed.

Competent court
The Genoa Court shall have sole jurisdiction if any controversy should arise.

Important: NUI UTENSILI EUROPA s.r.l. reserves the right to modify and vary the data contained in this price list without having to forewarn the client.