

FIUM

FABBRICA ITALIANA UTENSILERIA MECCANICA



CATALOGO | 225

MASCHI E FILIERE - TAPS AND DIES

GRUPPI DEI MATERIALI - GROUPS OF MATERIALS

		Famiglie	Families	Durezza Hardness	Rm N/mm ²
Acciai Steels	A1	Acciai dolci	Soft steel	HB < 120	< 400
	A2	Acciai da costruzione	Construction steel	HB < 200	< 700
	A3	Acciai al carbonio	Carbon steel	HB < 250	< 850
	A4	Acciai legati	Alloyed steel	HB < 250	< 850
	A5	Acciai bonificati	Tempered steel	HB 250 , 300	850 , 1200
	A6	Acciai ad alta resistenza	High-strength steel	38 , 45 HRC	1200 , 1400
	A7	Acciai ad alta resistenza	High-strength steel	45 , 49 HRC	1400 , 1600
	A8	Acciai temprati	Hardened steel	49 , 62 HRC	
Acciai inossidabili Stainless steels	X1	Inox automatico	Automatic stainless steel	HB < 250	< 850
	X2	Inox austenitico	Austenitic stainless steel	HB < 250	< 850
	X3	inox Ferritico / martensitico	ferritic / Martensitic stainless steel	HB < 320	< 1100
	X4	Leghe Ni-Cr	Ni-Cr alloys	HB 330 , 410	1100 , 1400
Ghisa Cast iron	G1	Ghisa grigia	Grey cast iron	HB < 180	< 600
	G2	Ghisa grigia	Grey cast iron	HB 330 , 410	600 , 1000
	G3	Ghisa sferoidale	Ductile cast iron	HB < 300	< 1000
	G4	Ghisa malleabile	Malleable cast iron	HB < 210	< 700
	G5	Ghisa vermicolare	Vermicular cast iron	HB 200 , 300	700 , 1000
Alluminio Magnesio Alluminium Magnesium	AM1	Al / Mg non legati	Al / Mg unalloyed	HB < 100	< 350
	AM2	Leghe Al-Si a truciolo lungo (Si < 0,5%)	Al-Si alloys long-chipping (Si < 0,5%)	HB < 150	< 500
	AM3	Leghe Al-Si a truciolo medio (Si < 10%)	Al-Si alloys medium-chipping (Si < 10%)	HB < 150	< 500
	AM4	Leghe Al-Si a truciolo corto (Si > 10%)	Al-Si alloys short-chipping (Si > 10%)	HB < 180	< 600
	AM5	Leghe di magnesio	Magnesium alloys		120 , 300
	AM6	Leghe di magnesio ad alta resistenza	Magnesium high resistance alloys	HB 70 , 120	240 , 400
Rame Copper	R1	Rame puro / elettrolitico	Pure / electrolytic copper	HB < 100	< 350
	R2	Ottone a truciolo lungo	Long-chipping brass	HB < 200	< 700
	R3	Ottone / Bronzo a truciolo corto	Short-chipping brass / Bronze	HB < 200	< 700
	R4	Bronzo ad alta resistenza	High resistance bronze	HB < 440	< 1500
Titanio Titanium	T1	Titanio puro	Titanium unalloyed	HB < 200	< 700
	T2	Leghe di titanio	Titanium alloys	HB < 270	< 900
	T3	Leghe di titanio	Titanium alloys	HB < 410	< 1400
Nichel Nickel	N1	Nichel puro	Nickel unalloyed	HB < 150	< 500
	N2	Leghe di nichel	Nickel alloys	HB < 270	< 900
	N3	Leghe di nichel	Nickel alloys	HB < 470	< 1600
Materie plastiche Plastics and Synthetic materials	P1	Termoplastici	Thermoplastics		< 80
	P2	Termoindurenti	Thermosetting plastics		< 110
	P3	Materie plastiche con fibre di rinforzo	Reinforced plastics	HB 240 , 440	800 , 1500
Materiali speciali Special materials	S1	Materiali metallo - ceramici	Metal-ceramic materials	HRC < 51	< 1700
	S2	Leghe di cobalto	Cobalt alloys	HB < 350	< 1200
	S3	Leghe di tungsteno	Tungsten alloys	HRC < 52	< 1800
Grafite Graphite	GR	Grafite	Graphite		< 100



Gentile cliente,

è con grande piacere che le presentiamo il nostro nuovo catalogo 225, di fatto quello che celebra i nostri primi cent'anni di attività.

Crediamo che già una veloce scorsa faccia capire che la nostra produzione si è sviluppata e migliorata grazie all'inserimento di nuove famiglie di prodotti così da soddisfare al meglio tutte le necessità che giorno dopo giorno ci troviamo ad affrontare. E siamo certi che il nostro impegno sarà ancora di più a vostra disposizione per garantirvi lavorazioni soddisfacenti. L'attenzione che mettiamo nella nostra produzione, la qualità del nostro servizio e i benefici connessi con le altre tipologie di prodotti e di marchi che offriamo ai nostri interlocutori continuano a dare alla nostra azienda la possibilità di svilupparsi e di guardare con fiducia ai prossimi cent'anni di storia.

Dear customer,

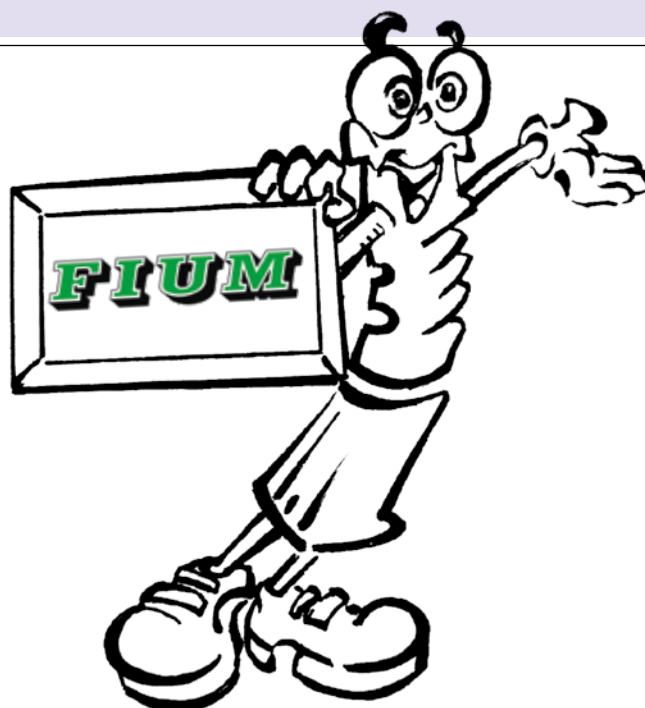
it's a great pleasure to show you our new catalog 225, the one representing our new time after one hundred years of activity.

We think it's sufficient to read it fastly to understand that our production has developed and improved thanks to new families of products to allow to satisfy better every kind of needs we have to face day after day. We are sure that our commitment will be even more at your disposal to guarantee satisfactory machining.

The attention we dedicate to our production, the quality of our service and the benefits associated with the other types of products and brands we offer to our interlocutors continue to give to our company the opportunity to develop and look with confidence to the next hundred years of history.



		Pagina
M	FILETTATURA METRICA ISO/DIN 13 – UNI 4535 A PASSO GROSSO <i>ISO METRIC COARSE THREAD – UNI 4535 – DIN 13</i>	11-66
MF	FILETTATURA METRICA ISO/DIN 13 – UNI 4535 A PASSO FINE <i>ISO Metric Fine Thread – UNI 4535 – DIN 13</i>	69-102
UNC	FILETTATURA ANSI B1.1 A PASSO GROSSO UNC <i>ASME B1.1 Unified Coarse Thread UNC</i>	105-116
UNF	FILETTATURA ANSI B1.1 A PASSO FINE UNF <i>ASME B1.1 Unified Fine Thread UNF</i>	119-130
UN	FILETTATURA ANSI B1.1 UN - SERIE 8 - 12 - 16 - 20 FILETTI <i>ASME B1.1 UN - 8 - 12 - 16 - 20 thread series</i>	133-135
G	FILETTATURA ISO 228/1 – GAS CILINDRICA BSP <i>ISO 228/1 – Whitworth pipe thread BSP</i>	137-147
Rp	FILETTATURA ISO 7/1 – GAS CILINDRICA RP PER INTERNI (BSPP) <i>ISO 7/1 – Cylindrical Whitworth internal pipe thread Rp (BSPP)</i>	148
Rc	FILETTATURA ISO 7/1 – GAS CONICA RC - CONICITÀ 1:16 <i>ISO 7/1 – Tapered Whitworth pipe thread Rc - Taper 1:16</i>	151-153
NPT	FILETTATURA ANSI/ASME B1.20.1 – NPT CONICA PER TUBI - CONICITÀ 1:16 <i>ANSI/ASME B1.20.1 – American tapered pipe thread NPT - Taper 1:16</i>	154-155
NPTF	FILETTATURA ANSI/ASME B1.20.3 – NPTF CONICA PER TUBI - CONICITÀ 1:16 - “DRY SEAL” <i>ANSI/ASME B1.20.3 – American tapered pipe thread NPTF - Taper 1:16 - “Dry Seal”</i>	156-157
BSW	FILETTATURA WITHWORTH BSW A NORMA BS 84 <i>British Standard Whitworth Thread BSW Norm BS 84</i>	159-161
PG	FILETTATURA PG PER TUBI CORAZZATI - DIN 40430 <i>PG steel conduit Thread - DIN 40430</i>	162
Tr	FILETTATURA ISO METRICA TRAPEZOIDALE - DIN 103 <i>ISO metric TRAPEZOIDAL Thread - DIN 103</i>	163
EG	FILETTATURA METRICA DIN 8140-2 “EG” PER FILETTI RIPORTATI <i>ISO Metric Coarse Thread DIN 8140-2 “EG” for wire thread inserts</i>	164-165
JIS	FILETTATURA METRICA ISO – NORMA JIS <i>ISO Metric Coarse Thread - JIS Norm</i>	167-191
FILIERE DIES		173-184



INDICE PER ARTICOLO - CODE INDEX

Art.	Pag.				
1415	12	4511.4H1	28	4512.LF3	51
1415.1	13	4511.4HT1	28	4512.RF4	54
1415.V	14	4511.6G1	26	4512.RF5	53
1425	70 - 71	4511.6GF1	26	4512.RFC5	53
1425.1	70	4511.6GT1	26	4512.S3	57
1435	158	4511.7G1	27	4512.S8	56
1435.1	158	4511.7GF1	27	4512.T1	36
1445	138	4511.7CT1	27	4512.T3	44
1445.1	138	4511.A1	32	4512.T5	52
1465	106	4511.C2	21	4512.U5	58
1465.1	106	4511.F1	24	4512.UC5	58
1475	120	4511.F3	32	4512.V1	36
1475.1	120	4511.L0	17	4512.V3	44
1511.1	23	4511.L1	24	4512.V5	52
1512.1	38	4511.LT1	24	4512.X1	41
1513.1	23	4511.S1	31	4512.X3	59
1514.1	38	4511.T1	24	4512.XC1	41
1515	15	4511.U1	31	4512.XC3	59
1525	76	4511.V1	24	4512.XN1	43
4111.1	33	4511.X0	19	4512.XJN1	43
4111.F1	33	4511.X1	31	4512.XJT1	42
4112.3	55	4511.X2	22	4512.XT1	42
4112.F3	55	4511.XC2	18	4513.0	16
4113.1	33	4511.XCE2	22	4513.1	25
4113.F1	33	4511.XE2	22	4513.2	21
4114.3	55	4511.XF0	20	4513.3	32
4114.F3	55	4511.XJN1	35	4513.4H1	28
4211.0	161	4511.XJT1	34	4513.4HT1	28
4211.L0	161	4511.XN1	35	4513.6G1	26
4311.1	162	4511.XS2	18	4513.6GF1	26
4311.F1	162	4511.XT1	34	4513.6GT1	26
4312.1	163	4512.1	36	4513.7G1	27
4312.3	163	4512.2	60	4513.7GF1	27
4312.F3	163	4512.3	44	4513.7GT1	27
4313.1	162	4512.4H3	48	4513.A1	32
4313.F1	162	4512.4HF3	48	4513.C2	21
4314.1	163	4512.5	52	4513.F1	25
4314.3	163	4512.6G1	39	4513.F3	32
4314.F3	163	4512.6G3	46	4513.L0	17
4445.2	150	4512.6GF1	39	4513.L1	25
4445.2V1	150	4512.6GF3	46	4513.LT1	25
4445.3	152	4512.6GT1	39	4513.S1	31
4445.3V1	152	4512.6GT3	46	4513.T1	25
4445.4	154	4512.7G3	47	4513.U1	31
4445.4V1	154	4512.7GF3	47	4513.V1	25
4511.0	16	4512.7GT3	47	4513.X0	19
4511.1	24	4512.A2	60	4513.X1	31
4511.2	21	4512.F3	44	4513.X2	22
4511.3	32	4512.L3	51	4513.XCE2	22

4513.XE2	22
4513.XJT1	34
4513.XT1	34
4514.1	37
4514.2	60
4514.3	45
4514.4H3	48
4514.4HF3	48
4514.5	52
4514.6G1	39
4514.6G3	46
4514.6GF1	39
4514.6GF3	46
4514.6GT1	39
4514.6GT3	46
4514.7G3	47
4514.7GF3	47
4514.7GT3	47
4514.A2	60
4514.F3	45
4514.L3	51
4514.LF3	51
4514.RF4	54
4514.RF5	53
4514.RFC5	53
4514.S3	57
4514.S8	56
4514.T1	37
4514.T3	45
4514.T5	52
4514.U5	58
4514.UC5	58
4514.V1	37
4514.V3	45
4514.V5	52
4514.X1	41
4514.X3	59
4514.XC1	41
4514.XC3	59
4514.XT1	42
4516.TG	62
4516.TH	62
4517.TG	62
4517.TH	62
4517.XCEH	65
4517.XCH	64
4517.XEH	65
4517.XG	63
4517.XH	63

4517.XRH	64
4519	66
4519.1	66
4519.V	66
4519.V1	66
4521.0	72 ÷ 75
4521.1	80 - 81
4521.2	78
4521.6G1	82
4521.7G1	82
4521.C2	78
4521.L0	72
4521.L1	80
4521.S1	83
4521.T1	80 - 81
4521.U1	83
4521.V1	80 - 81
4521.X1	83
4521.X2	79
4521.XC2	79
4521.XE2	7
4521.XJN1	85
4521XJT1	84
4521.XN1	85
4521.XS2	77
4521.XT1	84
4522.1	86 - 87
4522.3	90 ÷ 92
4522.5	94
4522.6G3	93
4522.7G3	93
4522.F3	90 - 91
4522.L3	90
4522.XJN1	89
4522.S8	95
4522.T1	86 - 87
4522.T3	90 - 91
4522.T5	94
4522.U5	96
4522.UC5	96
4522.V1	86 - 87
4522.V3	90 - 91
4522.V5	94
4522.X3	97
4522.XC3	97
4522.XJT1	88
4522.XN1	89
4522.XT1	88
4527.XCE	100

4527.XCH	99
4527.XE	100
4527.XG	98
4527.XH	98
4527.XRH	99
4533.1	159
4534.3	159
4542.0	148
4542.TO	148
4543.0	139
4543.1	141
4543.2	140
4543.S1	142
4543.T1	141
4543.U1	142
4543.V1	141
4544.1	143
4544.3	144
4544.4	146
4544.S8	145
4544.T1	143
4544.T3	144
4544.U5	145
4544.UC5	145
4544.V1	143
4544.V3	144
4545.2	151
4545.3	153
4545.4	155
4545.F2	151
4545.F3	153
4545.F4	155
4547.X	147
4547.XC	147
4555	160
4555.T	160
4563.0	107
4563.1	109
4563.2	108
4563.S1	110
4563.T1	109
4563.U1	110
4563.V1	109
4563.XJT1	111
4563.XT1	111
4564.1	112
4564.3	114
4564.S8	115
4564.T1	112

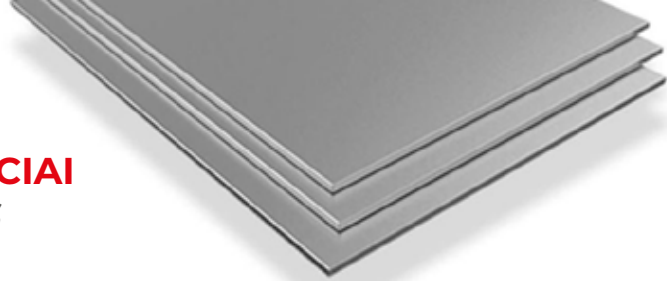
INDICE PER ARTICOLO - CODE INDEX

Art.	Pag.
4564.T3	114
4564.U5	115
4564.UC5	115
4564.V3	114
4564.XJT1	113
4564.XT1	113
4567.T	116
4573.0	121
4573.1	123
4573.2	122
4573.S1	124
4573.T1	123
4573.U1	124
4573.V1	123
4573.XJT1	125
4573.XT1	125
4574.1	126
4574.3	128
4574.S8	129
4574.T1	126
4574.T3	128
4574.U5	129
4574.UC5	129
4574.V1	126
4574.V3	128
4574.XJT1	127
4574.XT1	127
4577.T	130
4583.0.12	135
4583.0.8	134
4584.3.8	134
4615	172
4615.1	172
4615.E	172
4625	173 ÷ 175
4625.1	173 - 174
4625.E	173 - 174
4635	181
4635.1	181
4645	178
4645.1	178
4645.2	179
4645.3	180
4645.E	178
4655	182
4665	176
4665.1	176
4675	177
4675.1	177

4811.1	29
4811.F1	29
4811.T1	29
4812.1	40
4812.3	49
4812.F3	49
4812.T3	49
4813.1	29
4813.F1	29
4813.T1	29
4814.1	40
4814.3	49
4814.F3	49
4814.T3	49
4821.1	82
4822.3	93
4843.1	141
4844.3	144
4911.1	30
4911.F1	30
4911.T1	30
4912.3	50
4912.F3	50
4912.T3	50
4913.1	30
4913.F1	30
4913.T1	30
4914.3	50
4914.F3	50
4914.T3	50
4921.1	82
4922.3	93
4J11.1	166
4J11.F1	166
4J11.T1	166
4J11.V1	166
4J12.3	167
4J12.F3	167
4J12.T3	167
4J12.V3	167
4J21.1	168
4J21.F1	168
4J21.T1	168
4J21.V1	168
4J22.3	169
4J22.F3	169
4J22.T3	169
4J22.V3	169

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.





I NOSTRI ACCIAI OUR STEELS

HSSE – HSSV: Acciai con il 5% di cobalto o il 3% di vanadio ideali per lavorazioni di materiali con $R < 1000 \text{ N/mm}^2$

HSS-Co: Acciaio con l'8% di cobalto ideale per lavorazioni di acciai con alta resistenza

HSS-Co-PM: Acciaio sinterizzato idoneo per lavorazioni di materiali con $R < 1400 \text{ N/mm}^2$ e, in una gradazione specifica, materiali con $R < 1800 \text{ N/mm}^2$

HSS: Acciaio super rapido nella versione M2 idoneo per utensili con impiego manuale o con macchine transfer

HSSE – HSSV: Steels with 5% cobalt or 3% vanadium suitable to machine materials $R < 1000 \text{ N/mm}^2$

HSS-Co: Steel 8% cobalt suitable to machine high resistance steels

HSS-Co-PM: Sintered steel suitable to machine materials $R < 1400 \text{ N/mm}^2$ and, in a specif gradation, $R < 1800 \text{ N/mm}^2$

HSS: High speed steel, version M2, suitable for hand use or machines transfer tools

I NOSTRI RIVESTIMENTI E TRATTAMENTI OUR TREATMENTS AND COATINGS

- **V:** vaporizzati / steam tempering
- **TIN:** nitrato di titanio / titanium nitride coating
- **TIALN:** nitrato di titanio e alluminio / titanium aluminium nitride
- **TICN:** carbo-nitrato di titanio / titanium carbo-nitride
- **HPC:** TiAlN-Hyperlox + WC/C / TiAlN-Hyperlox + WC/C
- **S-TIN:** Super TIN / Special TIN
- **TIN-C:** TIN + WC/C / TIN + WC/C
- **CrN:** nitrato di cromo / chrome nitride coating
- **ZrN:** nitrato di zirconio / zirconium nitride coating

Colore / Color

nero / black

giallo / yellow

viola scuro / dark violet

grigio-blu / blue-gray

grigio scuro / dark gray

oro / gold

grigio scuro / dark gray

grigio chiaro / light gray

giallo chiaro / light yellow

Ogni fotografia, immagine od informazione contenute nel presente catalogo possono essere soggetti a variazioni senza l'obbligo di preventiva comunicazione. I colori presenti nelle immagini sono utilizzati solo per esigenze grafiche relative all'impaginazione e non sono necessariamente reali.

Each picture, image or information contained in this catalog may be subject to changes without any communication in advance. Colours in the images are used only for graphic needs related to the layout and are not necessarily real.

Avvertenza - I maschi, come tutti gli altri utensili, possono rompersi durante la lavorazione e causare quindi dei danni: per questo motivo si raccomanda l'uso di occhiali o visiera protettivi durante il loro impiego, manuale o a macchina che sia.

Warning - Taps, like all other tools, can break during machining and therefore cause damage: for this reason we recommend to wear protective glasses or visor during their use, whether manual or machine-based.

TOLLERANZE STANDARD / STANDARD TOLERANCES

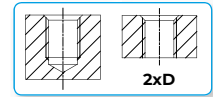
Sul gambo dei maschi / On the shank diameter of taps **h9**

Sul quadro dei maschi / On the squadre of taps **h12**

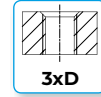
(fatto salvo differenti indicazioni / except for different indications)

LEGENDA DEI SIMBOLI: KEY OF ICONS:

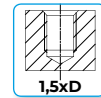
Idoneo per fori ciechi e passanti / *Suitable for passes and blind holes*



Consigliato per fori passanti / *Recommended for passes holes*

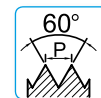


Consigliato per fori ciechi / *Recommended for blind holes*

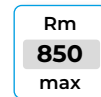


(tutti con indicazione della massima profondità del foro da filettare)
(*all icons with max depth of holes to thread indicated*)

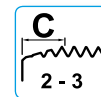
Angolo della filettatura / *Angle of threading*



Massima resistenza del materiale da lavorare
Max resistance of the material to machine



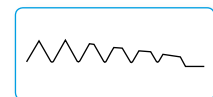
Forma dell'imbocco / *Chamfer form*



Filettatura sinistra / *Left hand thread*



Marcata rastremazione posteriore / *Long back tapering*



Maschiatura rigida sincronizzata / *Rigid tapping synchro*



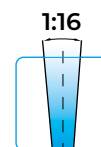
Per impiego su macchine CNC / *Tapping by CNC machines*



Per lavorazioni su alluminio / *Aluminium machining*



Conicità del maschio / *Taper of the tap*





M

Filettatura metrica a passo grosso ISO/DIN 13
ISO Metric Coarse Thread ISO/DIN 13

MASCHI A MANO - HAND TAPS

MASCHI A MANO DIN 352 in serie di 3 pezzi **HSS M2**

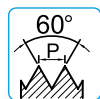
Filettatura metrica ISO/DIN 13 – UNI 4535 a passo grosso – 6H



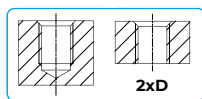
HAND TAPS DIN 352 set of 3 HSS M2

ISO Metric Coarse Thread – UNI 4535 – DIN 13 – 6H

HSS



Rm
850
max

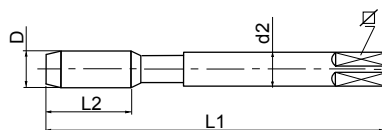
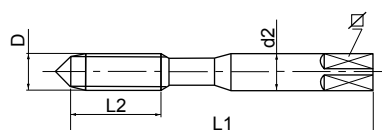


1415



DIN 352

DIN 352



DIN 352							1415	
D	p	L ₁	L ₂	d ₂	∠		serie / set	finitore / 3 rd
2	0,4	36	8	2,8	2,1	1,60		
2,5	0,45	40	9	2,8	2,1	2,05		
2,6	0,45	40	9	2,8	2,1	2,15		
3	0,5	40	11	3,5	2,7	2,50		
3,5	0,6	45	13	4,0	3,0	2,90		
4	0,7	45	13	4,5	3,4	3,30		
4,5	0,75	50	16	6,0	4,9	3,75		
5	0,8	50	16	6,0	4,9	4,20		
6	1	50	19	6,0	4,9	5,00		
7	1	50	19	6,0	4,9	6,00		
8	1,25	56	22	6,0	4,9	6,75		
9	1,25	63	22	7,0	5,5	7,75		
10	1,5	70	24	7,0	5,5	8,50		
11	1,5	70	24	8,0	6,2	9,50		
12	1,75	75	29	9,0	7,0	10,25		
14	2	80	30	11,0	9,0	12,00		
16	2	80	32	12,0	9,0	14,00		
18	2,5	95	34	14,0	11,0	15,50		
20	2,5	95	34	16,0	12,0	17,50		
22	2,5	100	34	18,0	14,5	19,50		
24	3	110	38	18,0	14,5	21,00		
27	3	110	38	20,0	16,0	24,00		
30	3,5	125	45	22,0	18,0	26,50		
33	3,5	125	45	25,0	20,0	29,50		*
36	4	150	55	28,0	22,0	32,00		
39	4	150	55	32,0	24,0	35,00		*
42	4,5	150	60	32,0	24,0	37,50		*
45	4,5	160	60	36,0	29,0	40,50		*
48	5	180	65	36,0	29,0	43,00		*
52	5	180	65	40,0	32,0	47,00		*
56	5,5	180	65	40,0	32,0	50,50	*	
60	5,5	200	65	45,0	35,0	54,50	*	
64	6	220	65	50,0	39,0	58,00	*	
68	6	220	65	50,0	39,0	62,00	*	

* Prezzo a richiesta / Price on demand

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3

MASCHI A MANO - HAND TAPS

MASCHI A MANO DIN 352 in serie di 3 pezzi **HSS M2**
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

Filettatura SINISTRA

HAND TAPS DIN 352 set of 3 HSS M2

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

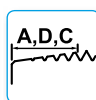
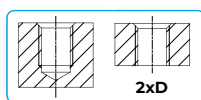
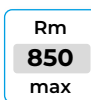
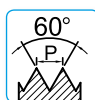
LEFT HAND Thread



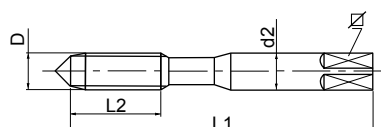
HSS



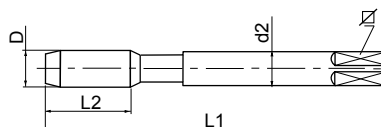
1415.1



DIN 352



DIN 352



DIN 352							1415.1	
D	p	L ₁	L ₂	d ₂	∅		serie / set	finitore / 3 rd
3	0,5	40	11	3,5	2,7	2,50		
4	0,7	45	13	4,5	3,4	3,30		
5	0,8	50	16	6,0	4,9	4,20		
6	1	56	19	6,0	4,9	5,00		
7	1	56	19	6,0	4,9	6,00		
8	1,25	63	22	6,0	4,9	6,75		
10	1,5	70	24	7,0	5,5	8,50		
12	1,75	75	28	9,0	7,0	10,25		
14	2	80	30	11,0	9,0	12,00		
16	2	80	30	12,0	9,0	14,00		
18	2,5	95	34	14,0	11,0	15,50		
20	2,5	95	34	16,0	12,0	17,50		
22	2,5	100	34	18,0	14,5	19,50		*
24	3	110	38	18,0	14,5	21,00		*
* Prezzo a richiesta / Price on demand								
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3								

MASCHI A MANO - HAND TAPS

MASCHI A MANO DIN 352 in serie di 3 pezzi **HSS M2 - Rivestiti SST**
Filettatura metrica ISO/DIN 13 – UNI 4535 a passo grosso – **6HX**

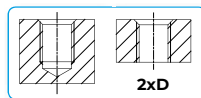


HAND TAPS DIN 352 set of 3 HSS M2 - SST coated
ISO Metric Coarse Thread – UNI 4535 – DIN 13 – 6HX

HSS

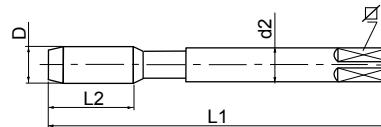
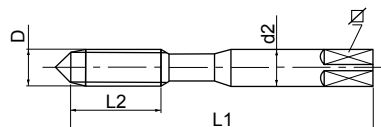


1415.V



DIN 352

DIN 352



DIN 352							1415.V	
D	p	L ₁	L ₂	d ₂			serie / set	finitore / 3 rd
3	0,5	40	9	3,5	2,7	2,50		
4	0,7	45	13	4,5	3,4	3,30		
5	0,8	50	16	6,0	4,9	4,20		
6	1	50	19	6,0	4,9	5,00		
8	1,25	56	22	6,0	4,9	6,75		
10	1,5	70	22	7,0	5,5	8,50		
12	1,75	75	28	9,0	7,0	10,25		
14	2	80	30	11,0	9,0	12,00	*	*
16	2	80	30	12,0	9,0	14,00	*	*
*18	2,5	95	34	14,0	11,0	15,50	*	-
*20	2,5	95	34	16,0	12,0	17,50	*	-
* Ad esaurimento / To exhaustion								
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G1 - G2 - G3 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3								

MASCHI A MACCHINA - MASCHI A MACCHINA

MASCHI A MACCHINA per DADI HSS M2

SCANALATURE DIRITTE

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

Imbocco 18 - 20 filetti



NUT MACHINE TAPS HSS M2

STRAIGHT FLUTES

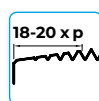
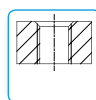
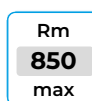
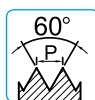
ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

Chamfer 18 - 20 threads

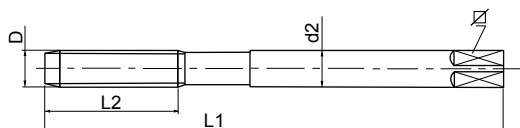
 HSS



1515



DIN 357



DIN 357							1515
D	p	L ₁	L ₂	d ₂			
3	0,5	70	22	2,2	-	2,50	
4	0,7	90	25	2,8	2,1	3,30	
5	0,8	100	28	3,5	2,7	4,20	
6	1	110	32	4,5	3,4	5,00	
8	1,25	125	40	6,0	4,9	6,75	
10	1,5	140	45	7,0	5,5	8,50	
12	1,75	180	50	9,0	7,0	10,25	
14	2	200	56	11,0	9,0	12,00	
16	2	200	63	12,0	9,0	14,00	
18	2,5	220	63	14,0	11,0	15,50	
20	2,5	250	70	16,0	12,0	17,50	
22	2,5	280	80	18,0	14,5	19,50	
24	3	280	80	18,0	14,5	21,00	
Altre dimensioni su richiesta / Other dimensions on demand							
Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE

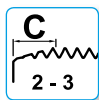
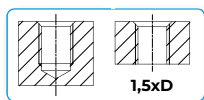
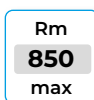
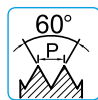
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

MACHINE TAPS **HSSE M35 5% Co**

STRAIGHT FLUTES

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

 HSSE

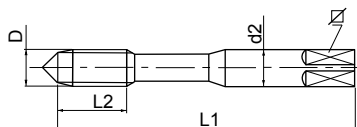


4511.0

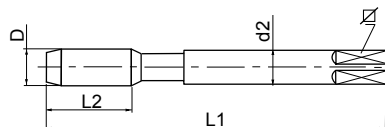


4513.0

DIN 371



DIN 376



DIN 371						DIN 376		4511.0		4513.0
D	p	L ₁	L ₂	d ₂	□	d ₂	□			
2	0,4	45	10	2,8	2,1			1,60		-
2,5	0,45	50	13	2,8	2,1			2,05		-
3	0,5	56	10	3,5	2,7			2,50		-
3,5	0,6	56	11	4,0	3,0			2,90		-
4	0,7	63	13	4,5	3,4	2,8	2,1	3,30		
5	0,8	70	13	6,0	4,9	3,5	2,7	4,20		
6	1	80	16	6,0	4,9	4,5	3,4	5,00		
7	1	80	16	7,0	5,5			6,00		-
8	1,25	90	18	8,0	6,2	6,0	4,9	6,75		
9	1,25	90	18	9,0	7,0			7,75		-
10	1,5	100	20	10,0	8,0	7,0	5,5	8,50		
12	1,75	110	25			9,0	7,0	10,25	-	
14	2	110	28			11,0	9,0	12,00	-	
16	2	110	28			12,0	9,0	14,00	-	
18	2,5	125	33			14,0	11,0	15,50	-	
20	2,5	140	33			16,0	12,0	17,50	-	
22	2,5	140	33			18,0	14,5	19,50	-	
24	3	160	39			18,0	14,5	21,00	-	
27	3	160	39			20,0	16,0	24,00	-	
30	3,5	180	46			22,0	18,0	26,50	-	
33	3,5	180	46			25,0	20,0	29,50	-	
36	4	200	50			28,0	22,0	32,00	-	
39	4	200	50			32,0	24,0	35,00	-	
42	4,5	200	55			32,0	24,0	37,50	-	
* 45	4,5	220	60			36,0	29,0	40,50	-	
* 48	5	250	65			36,0	29,0	43,00	-	
* 52	5	250	65			40,0	32,0	47,00	-	

Altre dimensioni su richiesta / Other dimensions on demand

* Acciaio HSS / HSS steel

Materiali / Application : A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / P2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

Filettatura SINISTRA

MACHINE TAPS **HSSE M35 5% Co**

STRAIGHT FLUTES

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

LEFT HAND Thread

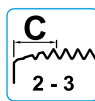
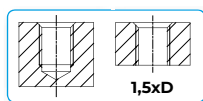
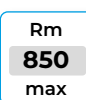
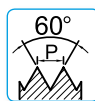
 **HSSE**



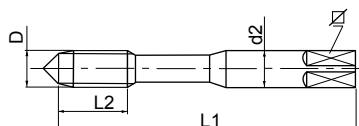
4511.L0



4513.L0

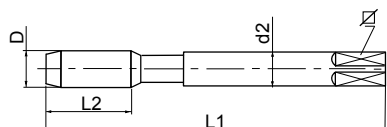


DIN 371



≤ M8

DIN 376



≥ M12

DIN 371 / DIN 376							4511.L0	4513.L0
D	p	L ₁	L ₂	d ₂	∠			
3	0,5	56	10	3,5	2,7	2,50		-
4	0,7	63	13	4,5	3,4	3,30		-
5	0,8	70	13	6,0	4,9	4,20		-
6	1	80	16	6,0	4,9	5,00		-
8	1,25	90	18	8,0	6,2	6,75		-
10	1,5	100	20	10,0	8,0	8,50		-
12	1,75	110	25	9,0	7,0	10,25	-	
14	2	110	28	11,0	9,0	12,00	-	
16	2	110	28	12,0	9,0	14,00	-	
18	2,5	125	33	14,0	11,0	15,50	-	
20	2,5	140	33	16,0	12,0	17,50	-	
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application : A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / P2 A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / P2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE DIRITTE

Rivestimento HPC

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSS-Co-PM**

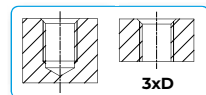
STRAIGHT FLUTES

HPC coated

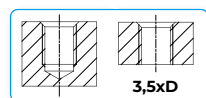
ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

RIGID TAPPING SYNCHRO

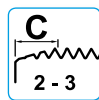
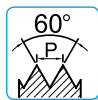
HSS-Co-PM



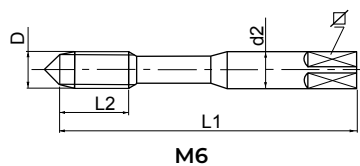
4511.XS2



4511.XC2

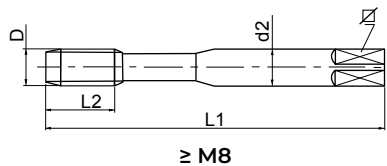


DIN 371



M6

DIN 371



≥ M8

DIN 371							4511.XS2	4511.XC2
D	p	L ₁	L ₂	d ₂	□	□		FORO CENTRALE with central hole
6	1	80	10	6,0	4,9	5,00		
8	1,25	90	13	8,0	6,2	6,80		
10	1,5	100	15	10,0	8,0	8,50		
12	1,75	110	18	12,0	9,0	10,30		
16	2	110	20	16,0	12,0	14,00		
Materiali / Application : A5 - A6 / G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 - R4 / P2 - P3 / GR								

N.B.: d₂ tolleranza **h6** / d₂ tolerance **h6**

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE DIRITTE **Rivestimento HPC**

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**
per materiali ad alta resistenza fino a 45 HRC

MACHINE TAPS **HSS-Co-PM**

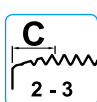
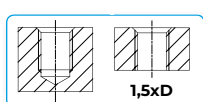
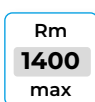
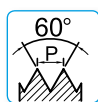
STRAIGHT FLUTES **HPC coated**

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**
for high resistance materials until 45 HRC

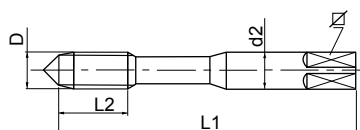
 HSS-Co-PM



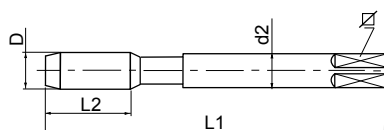
≤ 45HRC



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.X0	4513.X0
D	p	L ₁	L ₂	d ₂			HPC	HPC
4	0,7	63	13	4,5	3,4	3,30		-
5	0,8	70	13	6,0	4,9	4,20		-
6	1	80	16	6,0	4,9	5,00		-
8	1,25	90	18	8,0	6,2	6,80		-
10	1,5	100	20	10,0	8,0	8,50		-
12	1,75	110	25	9,0	7,0	10,30	-	
14	2	110	28	11,0	9,0	12,00	-	
16	2	110	28	12,0	9,0	14,00	-	
Materiali / Application : A5 - A6 / G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 - R4 / P2 - P3 / GR								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE DIRITTE

Rivestimento TIALN

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**
per materiali ad alta resistenza fino a 52 HRC

MACHINE TAPS **HSS-Co-PM**

STRAIGHT FLUTES

TIALN coated

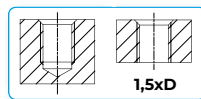
ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**
for high resistance materials until 52 HRC

 HSS-Co-PM

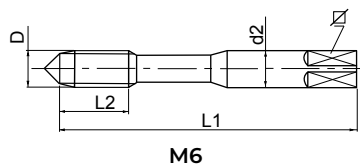


4511.XF0

≤ 52HRC

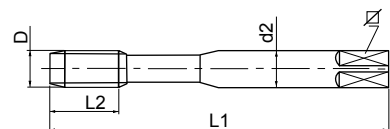


NORMA DI FABBRICA - FIUM NORM



M6

NORMA DI FABBRICA - FIUM NORM



≥ M8

NORMA DI FABBRICA							4511.XF0
D	p	L ₁	L ₂	d ₂			TIALN
6	1	80	18	6,0	4,9	5,00	
8	1,25	90	25	8,0	6,2	6,80	
10	1,5	100	30	10,0	8,0	8,50	
12	1,75	110	30	12,0	9,0	10,30	
Materiali / Application : A6 - A7 / R4 / S1 - S3							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE

Filettatura metrica ISO/DIN13 – UNI 4535 a passo grosso – **6HX**

Rivestimento TICN per **GHISA**

MACHINE TAPS **HSSE M35 5%Co**

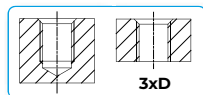
STRAIGHT FLUTES

ISO Metric Coarse Thread – UNI 4535 – DIN 13 – **6HX**

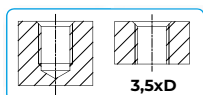
TICN coated for **CAST IRON**



HSSE



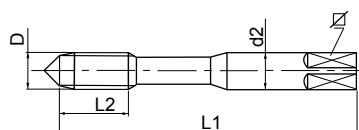
4511.2
4513.2



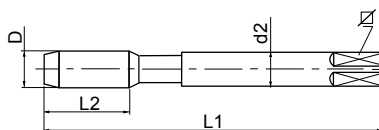
4511.C2
4513.C2



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.2	4513.2	4511.C2	4513.C2
D	p	L ₁	L ₂	d ₂	□	□			FORATI with central hole	FORATI with central hole
3	0,5	56	10	3,5	2,7	2,50		-	-	-
4	0,7	63	13	4,5	3,4	3,30		-	-	-
5	0,8	70	13	6,0	4,9	4,20		-	-	-
6	1	80	16	6,0	4,9	5,00		-	-	-
8	1,25	90	18	8,0	6,2	6,75		-	-	-
10	1,5	100	20	10,0	8,0	8,50		-	-	-
12	1,75	110	25	9,0	7,0	10,25	-		-	
14	2	110	28	11,0	9,0	12,00	-		-	
16	2	110	28	12,0	9,0	14,00	-		-	
18	2,5	125	33	14,0	11,0	15,50	-		-	
20	2,5	140	33	16,0	12,0	17,50	-		-	

Materiali / Application : G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 / P2 / S1

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE DIRITTE

Filettatura metrica ISO/DIN13 - UNI 4535 a passo grosso - **6HX**

Rivestimento TIALN per GHISA

MACHINE TAPS **HSS-Co-PM**

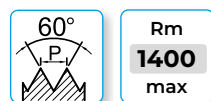
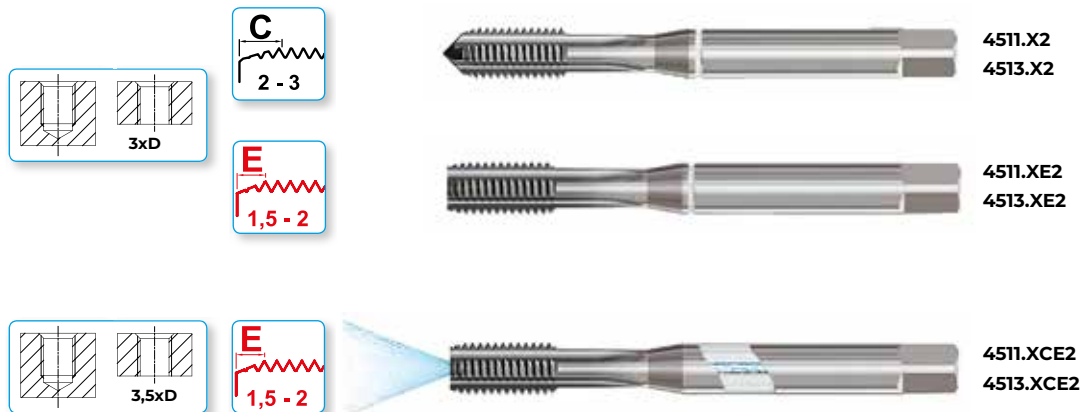
STRAIGHT FLUTES

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

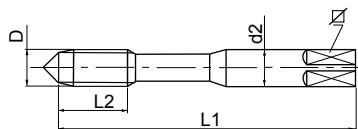
TIALN coated for CAST IRON



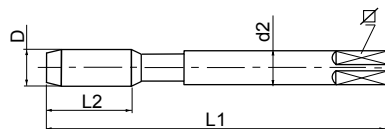
HSS-Co-PM



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.X2	4513.X2	4511.XE2	4513.XE2	4511.XCE2	4513.XCE2
D	p	L ₁	L ₂	d ₂	□	□	IMBOCCO "C" Chamfer "C"	IMBOCCO "C" Chamfer "C"	IMBOCCO "E" Chamfer "E"	IMBOCCO "E" Chamfer "E"	IMBOCCO "E" FORATI Chamfer "E" with hole	IMBOCCO "E" FORATI Chamfer "E" with hole
6	1	80	16	6,0	4,9	5,00		-		-		-
8	1,25	90	18	8,0	6,2	6,75		-		-		-
10	1,5	100	20	10,0	8,0	8,50		-		-		-
12	1,75	110	25	9,0	7,0	10,25	-		-		-	
14	2	110	28	11,0	9,0	12,00	-		-		-	
16	2	110	28	12,0	9,0	14,00	-		-		-	

Materiali / Application : G1 - G2 - G3 - G4 - G5 / AM4 / R3 - R4 / S1

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA HSS M2

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H



MACHINE TAPS HSS M2

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

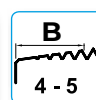
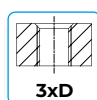
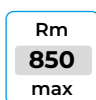
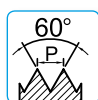
 HSS



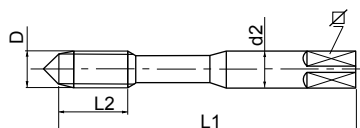
1511.1



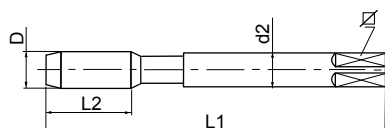
1513.1



DIN 371



DIN 376



DIN 371						DIN 376		1511.1		1513.1
D	p	L ₁	L ₂	d ₂		d ₂				
3	0,5	56	10	3,5	2,7			2,50		-
4	0,7	63	13	4,5	3,4	2,8	2,1	3,30		
5	0,8	70	13	6,0	4,9	3,5	2,7	4,20		
6	1	80	16	6,0	4,9	4,5	3,4	5,00		-
8	1,25	90	18	8,0	6,2	6,0	4,9	6,75		
10	1,5	100	20	10,0	8,0	7,0	5,5	8,50		
12	1,75	110	25			9,0	7,0	10,25		
Materiali / Application : A2 - A3 / G3 - G4 / P2										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

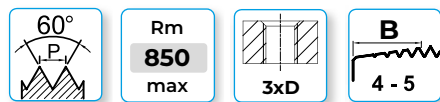
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

MACHINE TAPS **HSSE M35 5%Co**

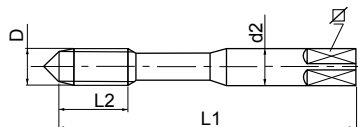
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

 HSSE



DIN 371



4511.1



4511.L1



4511.V1



4511.T1



4511.LT1



4511.F1

DIN 371							4511.1	4511.L1	4511.V1	4511.T1	4511.LT1	4511.F1
D	p	L ₁	L ₂	d ₂	□		nudi/naked	nudi/naked	ST	TIN	TIN	HPC
2	0,4	45	10	2,8	2,1	1,60		-			-	*
2,5	0,45	50	13	2,8	2,1	2,05		-	*	*	-	*
3	0,5	56	10	3,5	2,7	2,50		-			-	
3,5	0,6	56	11	4,0	3,0	2,90		-	*	*	-	*
4	0,7	63	13	4,5	3,4	3,30		*			*	
5	0,8	70	13	6,0	4,9	4,20		*			*	
6	1	80	16	6,0	4,9	5,00						
7	1	80	16	7,0	5,5	6,00		-	*	*	*	*
8	1,25	90	18	8,0	6,2	6,75						
10	1,5	100	20	10,0	8,0	8,50						
* Prezzo a richiesta / Price on demand												
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2												
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1												
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2												
HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2												

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

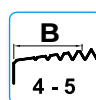
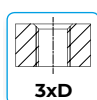
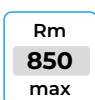
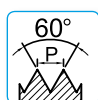
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

MACHINE TAPS **HSSE M35 5%Co**

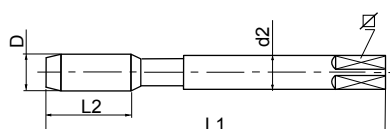
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

 HSSE



DIN 376



4513.1



4513.L1



4513.V1



4513.T1



4513.LT1



4513.F1

DIN 376							4513.1	4513.L1	4513.V1	4513.T1	4513.LT1	4513.F1
D	p	L ₁	L ₂	d ₂	∠		nudi/naked	nudi/naked	ST	TIN	TIN	HPC
4	0,7	63	13	2,8	2,1	3,30		-	-	-	-	-
5	0,8	70	13	3,5	2,7	4,20		-	-	-	-	-
6	1	80	16	4,5	3,4	5,00		-	-	-	-	-
8	1,25	90	18	6,0	4,9	6,75		-	-	-	-	-
10	1,5	100	20	7,0	5,5	8,50		-	-	-	-	-
12	1,75	110	25	9,0	7,0	10,25			-	-	-	-
14	2	110	28	11,0	9,0	12,00			-	-	-	-
16	2	110	28	12,0	9,0	14,00			-	-	-	-
18	2,5	125	33	14,0	11,0	15,50		.	-	-	.	-
20	2,5	140	33	16,0	12,0	17,50		.	-	-	.	-
22	2,5	140	33	18,0	14,5	19,50		.	-	-	.	-
24	3	160	39	18,0	14,5	21,00		.	-	-	.	-
27	3	160	39	20,0	16,0	24,00		.	-	-	.	-
30	3,5	180	46	22,0	18,0	26,50		.	-	-	.	-
33	3,5	180	46	25,0	20,0	29,50		-	-	-	-	-
36	4	200	50	28,0	22,0	32,00		-	-	-	-	-
39	4	200	50	32,0	24,0	35,00		-	-	-	-	-
42	4,5	200	55	32,0	24,0	37,50		-	-	-	-	-
* 45	4,5	220	60	36,0	29,0	40,50		-	-	-	-	-
* 48	5	250	65	36,0	29,0	43,00		-	-	-	-	-
* 52	5	250	65	40,0	32,0	47,00		-	-	-	-	-

* Acciaio HSS / HSS steel

* Prezzo a richiesta / Price on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2
 ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1
 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2
 HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6G**

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6G**

 **HSSE**



4511.6G1
4513.6G1



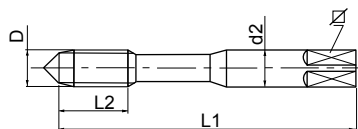
4511.6GT1
4513.6GT1



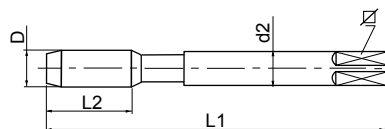
4511.6GF1
4513.6GF1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.6G1	4513.6G1	4511.6GT1	4513.6GT1	4511.6GF1	4513.6GF1
D	p	L ₁	L ₂	d ₂	□	□	nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	10	3,5	2,7	2,50		-		-		-
4	0,7	63	13	4,5	3,4	3,30		-		-		-
5	0,8	70	13	6,0	4,9	4,20		-		-		-
6	1	80	16	6,0	4,9	5,00		-		-		-
7	1	80	16	7,0	5,5	6,00	*	-	*	-	*	-
8	1,25	90	18	8,0	6,2	6,75		-		-		-
10	1,5	100	20	10,0	8,0	8,50		-		-		-
12	1,75	110	25	9,0	7,0	10,25	-		-		-	
14	2	110	28	11,0	9,0	12,00	-	*	-	*	-	*
16	2	110	28	12,0	9,0	14,00	-	*	-	*	-	*
* Prezzo a richiesta / Price on demand												
Altre dimensioni su richiesta / Other dimensions on demand												
Materiali / Application : nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2												
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2												
HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2												

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 7G**

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 7G**

 HSSE



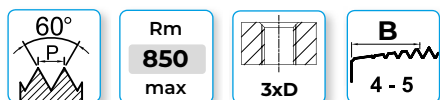
4511.7G1
4513.7G1



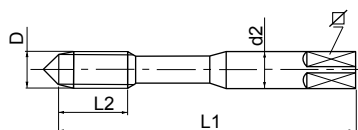
4511.7GT1
4513.7GT1



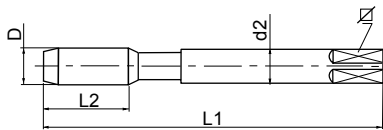
4511.7GF1
4513.7GF1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.7G1	4513.7G1	4511.7GT1	4513.7GT1	4511.7GF1	4513.7GF1
D	p	L ₁	L ₂	d ₂	□	⌀	nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	10	3,5	2,7	2,50		-		-		-
4	0,7	63	13	4,5	3,4	3,30		-		-		-
5	0,8	70	13	6,0	4,9	4,20		-		-		-
6	1	80	16	6,0	4,9	5,00		-		-		-
8	1,25	90	18	8,0	6,2	6,75		-		-		-
10	1,5	100	20	10,0	8,0	8,50		-		-		-
12	1,75	110	25	9,0	7,0	10,25	-		-		-	
14	2	110	28	11,0	9,0	12,00	-	*	-	*	-	*
16	2	110	28	12,0	9,0	14,00	-	*	-	*	-	*

* Prezzo a richiesta / Price on demand

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application : nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2
 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2
 HPC : A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 4H**

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 4H**

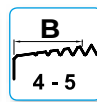
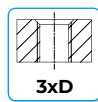
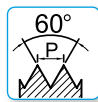
 HSSE



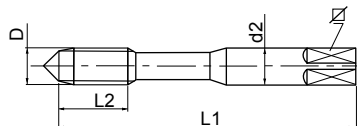
4511.4H1
4513.4H1



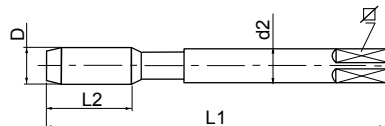
4511.4HT1
4513.4HT1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.4H1	4513.4H1	4511.4HT1	4513.4HT1
D	p	L ₁	L ₂	d ₂			nudi/naked	nudi/naked	TIN	TIN
3	0,5	56	10	3,5	2,7	2,50	*	-	*	-
4	0,7	63	13	4,5	3,4	3,30	*	-	*	-
5	0,8	70	13	6,0	4,9	4,20		-		-
6	1	80	16	6,0	4,9	5,00		-		-
8	1,25	90	18	8,0	6,2	6,75		-		-
10	1,5	100	20	10,0	8,0	8,50		-		-
12	1,75	110	25	9,0	7,0	10,25	-		-	
* Prezzo a richiesta / Price on demand										
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6H + 0,10**

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6H + 0,10**

 HSSE

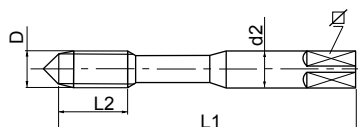
 4811.1
4813.1

 4811.T1
4813.T1

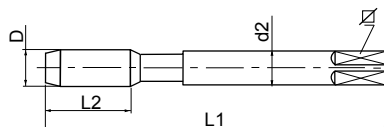
 4811.F1
4813.F1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4811.1	4813.1	4811.T1	4813.T1	4811.F1	4813.F1
D	p	L ₁	L ₂	d ₂			nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	10	3,5	2,7	2,50		-		-		-
4	0,7	63	13	4,5	3,4	3,30		-		-		-
5	0,8	70	13	6,0	4,9	4,20		-		-		-
6	1	80	16	6,0	4,9	5,00		-		-		-
7	1	80	16	7,0	5,5	6,00	*	-	*	-	*	-
8	1,25	90	18	8,0	6,2	6,80		-		-		-
10	1,5	100	20	10,0	8,0	8,50		-		-		-
12	1,75	110	25	9,0	7,0	10,30	-		-		-	
14	2	110	28	11,0	9,0	12,00	-	*	-	*	-	*
16	2	110	28	12,0	9,0	14,00	-	*	-	*	-	*
* Prezzo a richiesta / Price on demand												
Altre dimensioni su richiesta / Other dimensions on request												
Materiali / Application : nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2												
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2												
HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2												

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6H + 0,20**

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6H + 0,20**

 **HSSE**



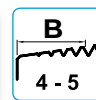
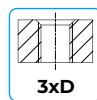
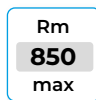
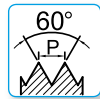
4911.1
4913.1



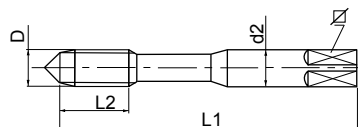
4911.T1
4913.T1



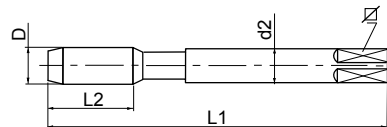
4911.F1
4913.F1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376								4911.1	4913.1	4911.T1	4913.T1	4911.F1	4913.F1
D	p	L ₁	L ₂	d2	∠	∠		nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	10	3,5	2,7	2,50		*	-	*	-	*	-
4	0,7	63	13	4,5	3,4	3,30		*	-	*	-	*	-
5	0,8	70	13	6,0	4,9	4,20		*	-	*	-	*	-
6	1	80	16	6,0	4,9	5,00		*	-	*	-	*	-
7	1	80	16	7,0	5,5	6,00		*	-	*	-	*	-
8	1,25	90	18	8,0	6,2	6,80		*	-	*	-	*	-
10	1,5	100	20	10,0	8,0	8,50		*	-	*	-	*	-
12	1,75	110	25	9,0	7,0	10,30		-	*	-	*	-	*
14	2	110	28	11,0	9,0	12,00		-	*	-	*	-	*
16	2	110	28	12,0	9,0	14,00		-	*	-	*	-	*

* Prezzo a richiesta / Price on demand

Materiali / Application : nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2

HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

M

MASCHI A MACCHINA - MACHINE TAPS

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Universali - per materiali ad alta resistenza - per INOX

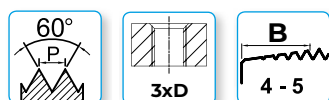
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

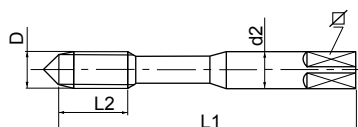
Universal use - for high resistance materials - for STAINLESS STEEL



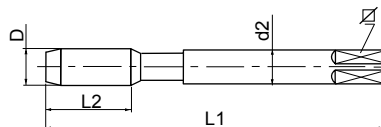
HSS-Co-PM	Rm 1200 max	Universal		4511.U1 4513.U1
	Rm 1400 max	Hard		4511.X1 4513.X1
	Rm 1000 max	INOX		4511.S1 4513.S1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.U1	4513.U1	4511.X1	4513.X1	4511.S1	4513.S1
D	p	L ₁	L ₂	d ₂	∠		ASP30 + TX	ASP30 + TX	ASP30 + HPC	ASP30 + HPC	HSSV + HPC	HSSV + HPC
3	0,5	56	10	3,5	2,7	2,50		-		-		-
4	0,7	63	13	4,5	3,4	3,30		-		-		-
5	0,8	70	13	6,0	4,9	4,20		-		-		-
6	1	80	16	6,0	4,9	5,00		-		-		-
8	1,25	90	18	8,0	6,2	6,75		-		-		-
10	1,5	100	20	10,0	8,0	8,50		-		-		-
12	1,75	110	25	9,0	7,0	10,25	-		-		-	
14	2	110	28	11,0	9,0	12,00	-		-		-	
16	2	110	28	12,0	9,0	14,00	-		-		-	

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application: 4511.U1 - 4513.U1 : A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2
 4511.S1 - 4513.S1 : A3 - A4 - A5 / X1 - X2 - X3 - X4
 4511.X1 - 4513.X1 : A5 - A6 / G3 - G4 / AM4 / R3

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

per Alluminio, Rame, Acciaio < 700 N/mm²

MACHINE TAPS **HSSE M35 5%Co**

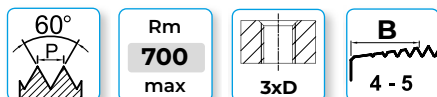
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

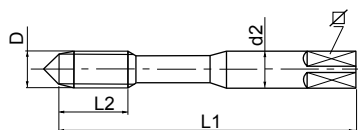
for Aluminium, Copper, Steel < 700 N/mm²



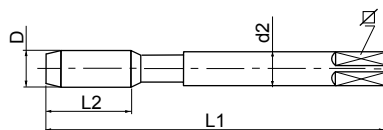
 HSSE



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4511.3	4513.3	4511.F3	4513.F3	4511.A1	4513.A1
D	p	L ₁	L ₂	d ₂	□	□	nudi/naked	nudi/naked	HPC	HPC	CrN	CrN
3	0,5	56	10	3,5	2,7	2,50		-		-		-
4	0,7	63	13	4,5	3,4	3,30		-		-		-
5	0,8	70	13	6,0	4,9	4,20		-		-		-
6	1	80	16	6,0	4,9	5,00		-		-		-
8	1,25	90	18	8,0	6,2	6,75		-		-		-
10	1,5	100	20	10,0	8,0	8,50		-		-		-
12	1,75	110	25	9,0	7,0	10,25	-		-		-	
14	2	110	28	11,0	9,0	12,00	-		-		-	
16	2	110	28	12,0	9,0	14,00	-		-		-	

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application : 4511.3 - 4513.3 : A1 / AM1 - AM2 / R1 - R2 / T1 / N1 /
 4511.F3 - 4513.F3 : A1 / AM1 - AM2 / R1 - R2
 4511.A1 - 4513.A1 : A1 - A2 - A3 - A4 / R1 - R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

Serie lunga

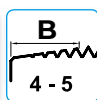
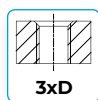
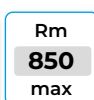
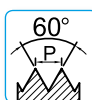
MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - "B"

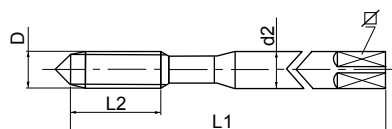
ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

Long series

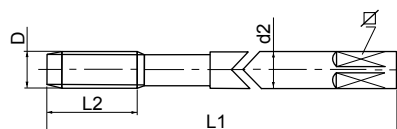
 HSSE



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA							4111.1	4113.1	4111.F1	4113.F1
D	p	L ₁	L ₂	d ₂	□	□	nudi/naked	nudi/naked	TICN	TICN
4	0,7	125	12	4,5	3,4	3,30		-		-
5	0,8	140	14	6,0	4,9	4,20		-		-
6	1	160	18	6,0	4,9	5,00		-		-
8	1,25	180	20	8,0	6,2	6,75		-		-
10	1,5	180	20	10,0	8,0	8,50		-		-
12	1,75	225	24	9,0	7,0	10,25	-		-	
14	2	225	26	11,0	9,0	12,00	-		-	
16	2	225	32	12,0	9,0	14,00	-		-	
Materiali / Application: nudi / naked : A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2										
TICN : A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2										

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA SINISTRA 15° - TAGLIO DESTRO** - Imbocco "D"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso

Rivestimento TiCN per **TITANIO e leghe**

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - **LEFT HELIX 15° - RIGHT CUT** - Chamfer form "D"

ISO Metric Coarse Thread - UNI 4535 - DIN 13

TiCN coated for **TITANIUM and alloys**



HSS-Co-PM



4511.XT1
4513.XT1



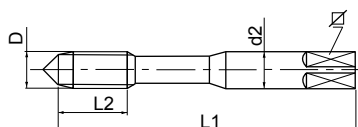
CRESTE ARROTONDATE
WITH ROUNDED CREST



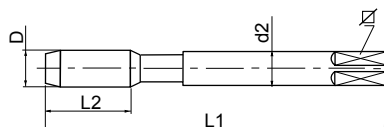
4511.XJT1
4513.XJT1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376								4511.XT1	4513.XT1	4511.XJT1	4513.XJT1
D	p	L ₁	L ₂	d ₂	□		Preforo MJ	6HX	6HX	Filettatura MJ - 4H	Filettatura MJ - 4H
3	0,5	56	10	3,5	2,7	2,50	2,60		-		-
4	0,7	63	13	4,5	3,4	3,30	3,40		-		-
5	0,8	70	13	6,0	4,9	4,20	4,30		-		-
6	1	80	16	6,0	4,9	5,00	5,10		-		-
8	1,25	90	18	8,0	6,2	6,80	7,10		-		-
10	1,5	100	20	10,0	8,0	8,50	9,10		-		-
12	1,75	110	25	9,0	7,0	10,30	10,40	-		-	
16	2	110	28	12,0	9,0	14,00	14,20	-		-	
Altre dimensioni su richiesta / Other dimensions on demand											
Materiali / Application : A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2											

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA SINISTRA 10° - TAGLIO DESTRO** - Imbocco "D"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso

Rivestimento TiCN per **NICKEL e leghe**

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - **LEFT HELIX 10° - RIGHT CUT** - Chamfer form "D"

ISO Metric Coarse Thread - UNI 4535 - DIN 13

TiCN coated for **NICKEL and alloys**



HSS-Co-PM

6HX



4511.XN1

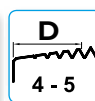
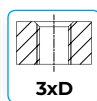
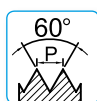


4H

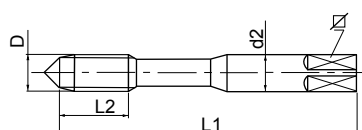


4511.XJN1

CRESTE ARROTONDATE
WITH ROUNDED CREST

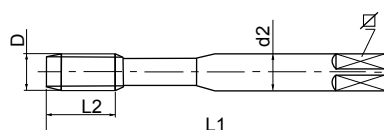


NORMA DI FABBRICA - FIUM NORM



≤ M10

NORMA DI FABBRICA - FIUM NORM



M12

NORMA DI FABBRICA							4511.XN1	4511.XJN1
D	p	L ₁	L ₂	d ₂	∠			MJ - 4H
4	0,7	63	13	4,5	3,4	3,30		
5	0,8	70	13	6,0	4,9	4,20		
6	1	80	18	6,0	4,9	5,00		
8	1,25	90	25	8,0	6,2	6,80		
10	1,5	100	30	10,0	8,0	8,50		
12	1,75	110	30	12,0	9,0	10,30		
Materiali / Application : A6 / R4 / N2 - N3 / S1 - S3								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Chamfer form "C"

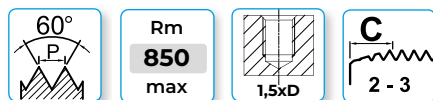
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

MACHINE TAPS **HSSE M35 5%Co**

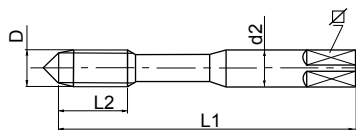
SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

 HSSE



DIN 371



DIN 371							4512.1	4512.V1	4512.T1
D	p	L ₁	L ₂	d ₂	□		nudi/naked	ST	TIN
2	0,4	45	10	2,8	2,1	1,60			
2,5	0,45	50	13	2,8	2,1	2,05		*	*
3	0,5	56	10	3,5	2,7	2,50			
3,5	0,6	56	11	4,0	3,0	2,90		*	*
4	0,7	63	13	4,5	3,4	3,30			
5	0,8	70	13	6,0	4,9	4,20			
6	1	80	16	6,0	4,9	5,00			
7	1	80	16	7,0	5,5	6,00		*	*
8	1,25	90	18	8,0	6,2	6,75			
10	1,5	100	20	10,0	8,0	8,50			
* Prezzo a richiesta / Price on demand									
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2									
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1									
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2									

N.B.: M8 e M10 centro femmina / M8 and M10 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

 HSSE



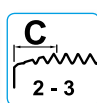
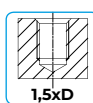
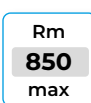
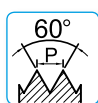
4514.1



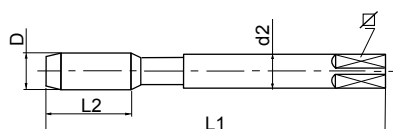
4514.V1



4514.T1



DIN 376



DIN 376							4514.1	4514.V1	4514.T1
D	p	L ₁	L ₂	d ₂	□		nudi/naked	ST	TIN
4	0,7	63	13	2,8	2,1	3,30		-	-
5	0,8	70	13	3,5	2,7	4,20		-	-
6	1	80	16	4,5	3,4	5,00		-	
8	1,25	90	18	6,0	4,9	6,75			
10	1,5	100	20	7,0	5,5	8,50			
12	1,75	110	25	9,0	7,0	10,25			
14	2	110	28	11,0	9,0	12,00			
16	2	110	28	12,0	9,0	14,00			
18	2,5	125	33	14,0	11,0	15,50			
20	2,5	140	33	16,0	12,0	17,50			
22	2,5	140	33	18,0	14,5	19,50			
24	3	160	39	18,0	14,5	21,00			
27	3	160	39	20,0	16,0	24,00			
30	3,5	180	46	22,0	18,0	26,50			
33	3,5	180	46	25,0	20,0	29,50		-	-
36	4	200	50	28,0	22,0	32,00		-	-
39	4	200	50	32,0	24,0	35,00		-	-
42	4,5	200	55	32,0	24,0	37,50		-	-
* 45	4,5	220	60	36,0	29,0	40,50		-	-
* 48	5	250	65	36,0	29,0	43,00		-	-
* 52	5	250	65	40,0	32,0	47,00		-	-
* Acciaio HSS / HSS steel									
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2									
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1									
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2									

N.B.: ≤ M8 centro femmina / ≤ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA HSS M2

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H



MACHINE TAPS HSS M2

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

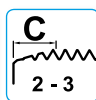
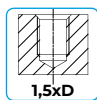
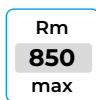
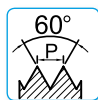
HSS



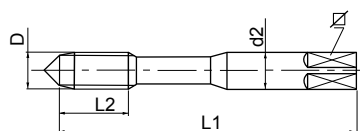
1512.1



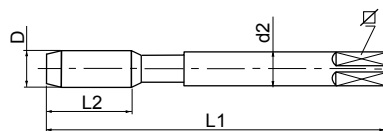
1514.1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



	DIN 371					DIN 376			1512.1	1514.1
D	p	L ₁	L ₂	d ₂		d ₂				
3	0,5	56	10	3,5	2,7			2,50		-
4	0,7	63	13	4,5	3,4	2,8	2,1	3,30		
5	0,8	70	13	6,0	4,9	3,5	2,7	4,20		
6	1	80	16	6,0	4,9	4,5	3,4	5,00		-
8	1,25	90	18	8,0	6,2	6,0	4,9	6,75		
10	1,5	100	20	10,0	8,0	7,0	5,5	8,50		
12	1,75	110	25			9,0	7,0	10,25	-	
Materiali / Application: A2 - A3 / G3 - G4 / P2										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6G**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6G**

 HSSE



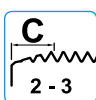
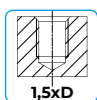
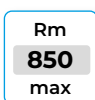
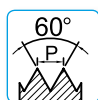
4512.6G1
4514.6G1



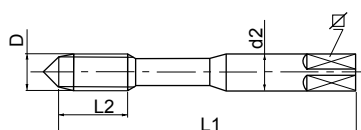
4512.6GT1
4514.6GT1



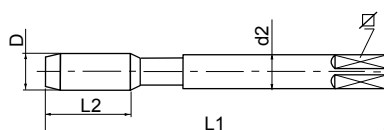
4512.6GF1
4514.6GF1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376								4512.6G1	4514.6G1	4512.6GT1	4514.6GT1	4512.6GF1	4514.6GF1
D	p	L ₁	L ₂	d ₂	□	□		nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	10	3,5	2,7	2,50			-		-		-
4	0,7	63	13	4,5	3,4	3,30			-		-		-
5	0,8	70	13	6,0	4,9	4,20			-		-		-
6	1	80	16	6,0	4,9	5,00			-		-		-
7	1	80	16	7,0	5,5	6,00	*		-	*	-	*	-
8	1,25	90	18	8,0	6,2	6,75			-		-		-
10	1,5	100	20	10,0	8,0	8,50			-		-		-
12	1,75	110	25	9,0	7,0	10,25		-		-		-	
* Prezzo a richiesta / Price on demand													
Altre dimensioni su richiesta / Other dimensions on demand													
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2													
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2													
HPC: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R2													

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6H + 0,10**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6H + 0,10**

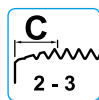
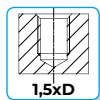
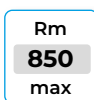
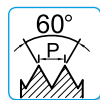
 **HSSE**



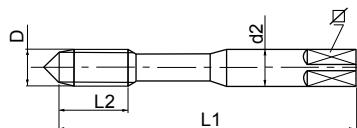
4812.1



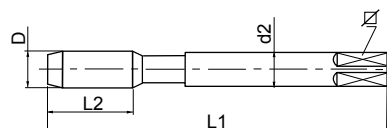
4814.1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4812.1	4814.1
D	p	L₁	L₂	d₂			nudi/naked	nudi/naked
3	0,5	56	10	3,5	2,7	2,50		-
4	0,7	63	13	4,5	3,4	3,30		-
5	0,8	70	13	6,0	4,9	4,20		-
6	1	80	16	6,0	4,9	5,00		-
7	1	80	16	7,0	5,5	6,00	*	-
8	1,25	90	18	8,0	6,2	6,75		-
10	1,5	100	20	10,0	8,0	8,50		-
12	1,75	110	25	9,0	7,0	10,25	-	
14	2	110	28	11,0	9,0	12,00	-	*
16	2	110	28	12,0	9,0	14,00	-	*
* Prezzo a richiesta / Price on demand								
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2								

N.B.: ≥ M8 centro femmina / female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Rivestimento HPC

per materiali ad alta resistenza fino a 45 HRC

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

HPC coated

for High Resistance materials until 45 HRC

HSS-Co-PM



4512.X1

4514.X1

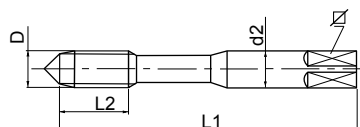


4512.XC1

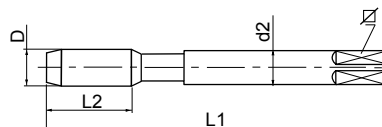
4514.XC1



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.X1	4514.X1	4512.XC1	4514.XC1
D	p	L ₁	L ₂	d ₂	∠				FORATI WHIT HOLE	FORATI WHIT HOLE
3	0,5	56	5	3,5	2,7	2,50		-	-	-
4	0,7	63	7	4,5	3,4	3,30		-	-	-
5	0,8	70	8	6,0	4,9	4,20		-	-	-
6	1	80	10	6,0	4,9	5,00		-	-	-
8	1,25	90	13	8,0	6,2	6,80		-	-	-
10	1,5	100	15	10,0	8,0	8,50		-	-	-
12	1,75	110	18	9,0	7,0	10,30	-		-	
14	2	110	20	11,0	9,0	12,00	-		-	
16	2	110	20	12,0	9,0	14,00	-		-	
Materiali / Application: A5 - A6 / G3 - G4 / AM4 - AM5 - AM6 / R3										

N.B.: ≥ M8 + forati: centro femmina / ≥ M8 with hole: female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso

Rivestimento TiCN per **TITANIO e leghe**

MACHINE TAPS **HSS-Co-PM**

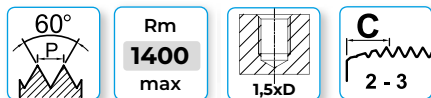
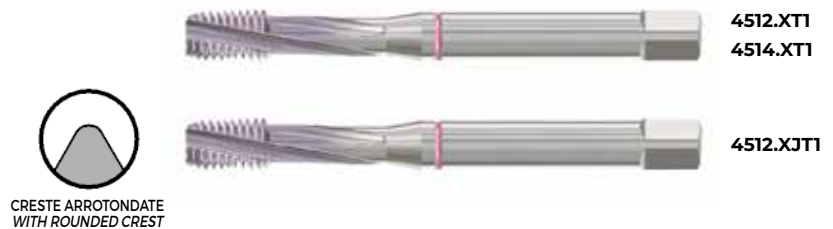
SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13

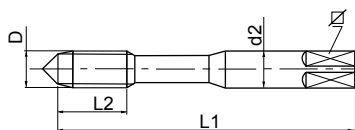
TiCN coated for **TITANIUM and alloys**



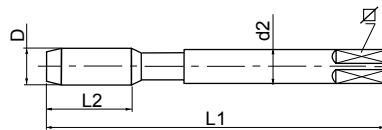
HSS-Co-PM



DIN 371 $D \leq 10\text{mm}$.



DIN 376 $D \geq 12\text{mm}$.



DIN 371 / DIN 376								4512.XT1	4514.XT1	4512.XJT1
D	p	L ₁	L ₂	d ₂	□	□	Preforo MJ	6HX	6HX	Filettatura MJ - 4H
3	0,5	56	5	3,5	2,7	2,50	2,60		-	
4	0,7	63	7	4,5	3,4	3,30	3,40		-	
5	0,8	70	8	6,0	4,9	4,20	4,30		-	
6	1	80	10	6,0	4,9	5,00	5,10		-	
8	1,25	90	13	8,0	6,2	6,80	7,10		-	
10	1,5	100	15	10,0	8,0	8,50	9,10		-	
12	1,75	110	18	9,0	7,0	10,30	10,40	-		-
16	2	110	20	12,0	9,0	14,00	14,20	-		-
Materiali / Application: A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2										

N.B.: $\geq M8$ centro femmina / $\geq M8$ female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 10° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso

Rivestimento TiCN per **NICKEL** e leghe

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - RIGHT HELIX 10° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13

TiCN coated for **NICKEL** and alloys



HSS-Co-PM

6HX



4512.XN1

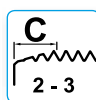
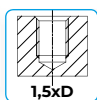
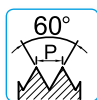


CRESTE ARROTONDATE
WITH ROUNDED CREST

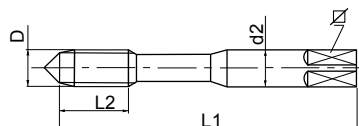
4H



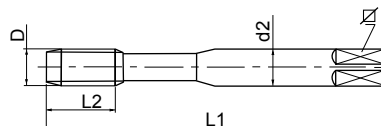
4512.XJN1



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA							4512.XN1	4512.XJN1
D	p	L ₁	L ₂	d ₂	∠			MJ - 4H
4	0,7	63	13	4,5	3,4	3,30		
5	0,8	70	15	6,0	4,9	4,20		
6	1	80	18	6,0	4,9	5,00		
8	1,25	90	25	8,0	6,2	6,80		
10	1,5	100	30	10,0	8,0	8,50		
12	1,75	110	30	12,0	9,0	10,30		
Materiali / Application: 4512.XN1: A6 / R4 / N2 - N3 / S1 - S3								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

 HSSE



4512.3



4512.V3



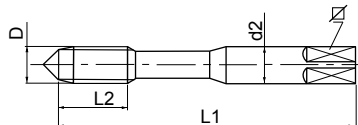
4512.T3



4512.F3



DIN 371



DIN 371							4512.3	4512.V3	4512.T3	4512.F3
D	p	L ₁	L ₂	d ₂	□		nudi/naked	ST	TIN	HPC
2	0,4	45	7	2,8	2,1	1,60				-
2,5	0,45	50	9	2,8	2,1	2,05				-
3	0,5	56	5	3,5	2,7	2,50				
3,5	0,6	56	7	4,0	3,0	2,90				
4	0,7	63	7	4,5	3,4	3,30				
* 4,5	0,75	70	8	6,0	4,9	3,75		-	-	-
5	0,8	70	8	6,0	4,9	4,20				
6	1	80	10	6,0	4,9	5,00				
7	1	80	10	7,0	5,5	6,00				
8	1,25	90	13	8,0	6,2	6,75				
10	1,5	100	15	10,0	8,0	8,50				

* Ad esaurimento / To exhaustion

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2

HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

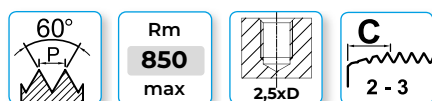
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

 HSSE



4514.3



4514.V3

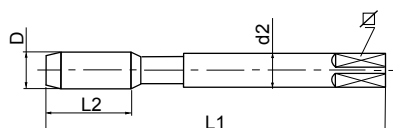


4514.T3



4514.F3

DIN 376



DIN 376							4514.3	4514.V3	4514.T3	4514.F3
D	p	L ₁	L ₂	d ₂	□	□	nudi/naked	ST	TIN	HPC
4	0,7	63	7	2,8	2,1	3,30	•	-	-	-
5	0,8	70	8	3,5	2,7	4,20				
6	1	80	10	4,5	3,4	5,00				
8	1,25	90	13	6,0	4,9	6,75				
10	1,5	100	15	7,0	5,5	8,50				
12	1,75	110	18	9,0	7,0	10,25				
14	2	110	20	11,0	9,0	12,00				
16	2	110	20	12,0	9,0	14,00				
18	2,5	125	25	14,0	11,0	15,50				
20	2,5	140	25	16,0	12,0	17,50				
22	2,5	140	25	18,0	14,5	19,50				
24	3	160	30	18,0	14,5	21,00				
27	3	160	30	20,0	16,0	24,00				
30	3,5	180	35	22,0	18,0	26,50				
33	3,5	180	35	25,0	20,0	29,50				*
36	4	200	40	28,0	22,0	32,00				*
39	4	200	40	32,0	24,0	35,00				*
42	4,5	200	40	32,0	24,0	37,50				*
* 45	4,5	220	50	36,0	29,0	40,50				*
* 48	5	250	50	36,0	29,0	43,00				*
* 52	5	250	50	40,0	32,0	47,00				*

* Acciaio HSS / HSS steel

* Prezzo a richiesta / Price on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2
 ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2
 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2
 HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6G**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6G**

 HSSE



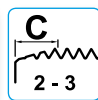
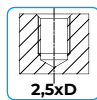
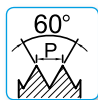
4512.6G3
4514.6G3



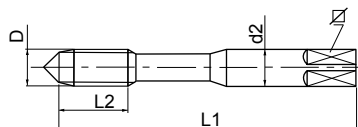
4512.6GT3
4514.6GT3



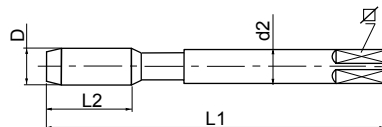
4512.6GF3
4514.6GF3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.6G3	4514.6G3	4512.6GT3	4514.6GT3	4512.6GF3	4514.6GF3
D	p	L ₁	L ₂	d2	□		nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	5	3,5	2,7	2,50		-		-		-
4	0,7	63	7	4,5	3,4	3,30		-		-		-
5	0,8	70	8	6,0	4,9	4,20		-		-		-
6	1	80	10	6,0	4,9	5,00		-		-		-
8	1,25	90	13	8,0	6,2	6,75		-		-		-
10	1,5	100	15	10,0	8,0	8,50		-		-		-
12	1,75	110	18	9,0	7,0	10,25	-		-		-	
14	2	110	20	11,0	9,0	12,00	-		-	*	-	*
16	2	110	20	12,0	9,0	14,00	-		-	*	-	*
Altre dimensioni su richiesta / Other dimensions on demand												
* Prezzo a richiesta / Price on demand												
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2												
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2												
HPC: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R2												

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 7G**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 7G**

 HSSE



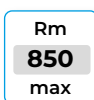
4512.7G3
4514.7G3



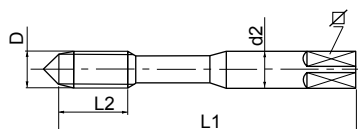
4512.7GT3
4514.7GT3



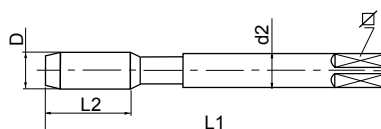
4512.7GF3
4514.7GF3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.7G3	4514.7G3	4512.7GT3	4514.7GT3	4512.7GF3	4514.7GF3
D	p	L ₁	L ₂	d2			nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	5	3,5	2,7	2,50		-		-		-
4	0,7	63	7	4,5	3,4	3,30		-		-		-
5	0,8	70	8	6,0	4,9	4,20		-		-		-
6	1	80	10	6,0	4,9	5,00		-		-		-
8	1,25	90	13	8,0	6,2	6,75		-		-		-
10	1,5	100	15	10,0	8,0	8,50		-		-		-
12	1,75	110	18	9,0	7,0	10,25	-		-		-	
14	2	110	20	11,0	9,0	12,00	-		-	*	-	*
16	2	110	20	12,0	9,0	14,00	-		-	*	-	*
Altre dimensioni su richiesta / Other dimensions on demand												
* Prezzo a richiesta / price on demand												
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2 HPC: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R2												

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 4H**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 4H**

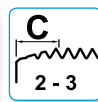
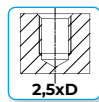
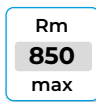
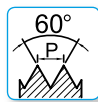
 HSSE



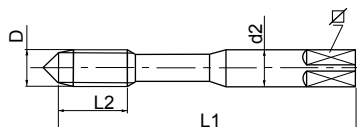
4512.4H3
4514.4H3



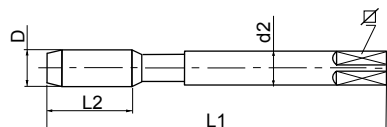
4512.4HF3
4514.4HF3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.4H3	4514.4H3	4512.4HF3	4514.4HF3
D	p	L ₁	L ₂	d ₂	□		nudi/naked	nudi/naked	TX	TX
3	0,5	56	5	3,5	2,7	2,50		-		-
4	0,7	63	7	4,5	3,4	3,30		-		-
5	0,8	70	8	6,0	4,9	4,20		-		-
6	1	80	10	6,0	4,9	5,00		-		-
8	1,25	90	13	8,0	6,2	6,75		-		-
10	1,5	100	15	10,0	8,0	8,50		-		-
12	1,75	110	18	9,0	7,0	10,25	-		-	
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2										
TX: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2- AM3 / R2										

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40°

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6H + 0,10**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40°

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6H + 0,10**

 HSSE



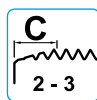
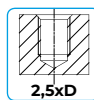
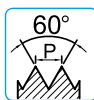
4812.3
4814.3



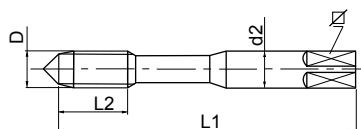
4812.T3
4814.T3



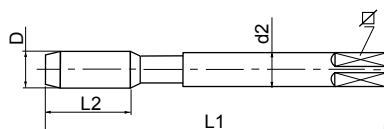
4812.F3
4814.F3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4812.3	4814.3	4812.T3	4814.T3	4812.F3	4814.F3
D	p	L ₁	L ₂	d ₂	□	□	nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	5	3,5	2,7	2,50		-		-		-
4	0,7	63	7	4,5	3,4	3,30		-		-		-
5	0,8	70	8	6,0	4,9	4,20		-		-		-
6	1	80	10	6,0	4,9	5,00		-		-		-
8	1,25	90	13	8,0	6,2	6,80		-		-		-
10	1,5	100	15	10,0	8,0	8,50		-		-		-
12	1,75	110	18	9,0	7,0	10,30	-		-		-	
14	2	110	20	11,0	9,0	12,00	-		-	*	-	*
16	2	110	20	12,0	9,0	14,00	-		-	*	-	*
Altre dimensioni su richiesta / Other dimensions on demand												
* Prezzo a richiesta / Price on demand												
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2												
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2												
HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2												

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40°

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **Tolleranza 6H + 0,20**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40°

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **Tolerance 6H + 0,20**

 **HSSE**



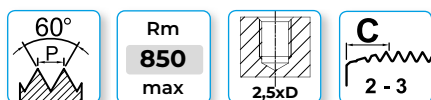
4912.3
4914.3



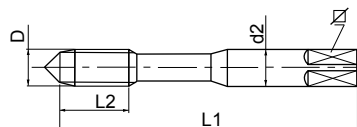
4912.T3
4914.T3



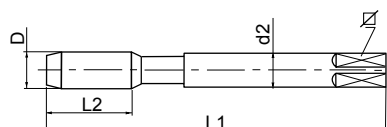
4912.F3
4914.F3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4912.3	4914.3	4912.T3	4914.T3	4912.F3	4914.F3
D	p	L ₁	L ₂	d ₂	∠		nudi/naked	nudi/naked	TIN	TIN	HPC	HPC
3	0,5	56	5	3,5	2,7	2,50	*	-	*	-	*	-
4	0,7	63	7	4,5	3,4	3,30	*	-	*	-	*	-
5	0,8	70	8	6,0	4,9	4,20	*	-	*	-	*	-
6	1	80	10	6,0	4,9	5,00	*	-	*	-	*	-
8	1,25	90	13	8,0	6,2	6,80	*	-	*	-	*	-
10	1,5	100	15	10,0	8,0	8,50	*	-	*	-	*	-
12	1,75	110	18	9,0	7,0	10,30	-	*	-	*	-	*
14	2	110	20	11,0	9,0	12,00	-	*	-	*	-	*
16	2	110	20	12,0	9,0	14,00	-	*	-	*	-	*
Altre dimensioni su richiesta / Other dimensions on demand												
* Prezzo a richiesta / Price on demand												
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2												
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2												
HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2												

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 35°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

Filettatura SINISTRA

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - **RIGHT HELIX 35°** - Chamfer form "C"

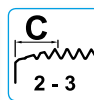
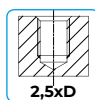
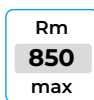
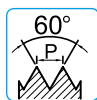
ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

LEFT HAND Thread

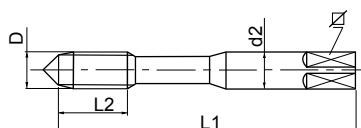
 HSSE

 4512.L3
4514.L3

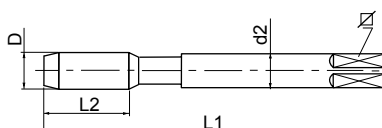
 4512.LF3
4514.LF3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.L3	4514.L3	4512.LF3	4514.LF3
D	p	L ₁	L ₂	d ₂	□		nudi/naked	nudi/naked	TX	TX
3	0,5	56	5	3,5	2,7	2,50		-		-
4	0,7	63	7	4,5	3,4	3,30		-		-
5	0,8	70	8	6,0	4,9	4,20		-		-
6	1	80	10	6,0	4,9	5,00		-		-
8	1,25	90	13	8,0	6,2	6,75		-		-
10	1,5	100	15	10,0	8,0	8,50		-		-
12	1,75	110	18	9,0	7,0	10,25	-		-	
14	2	110	20	11,0	9,0	12,00	-		-	
16	2	110	20	12,0	9,0	14,00	-		-	
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 TX: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2- AM3 / R2										

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 45°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - **RIGHT HELIX 45°** - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 1 - **6HX**

 HSSE



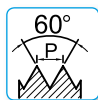
4512.5
4514.5



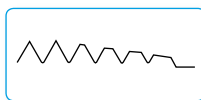
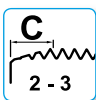
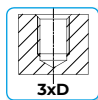
4512.V5
4514.V5



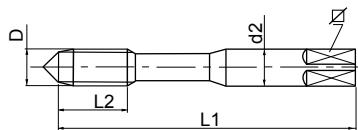
4512.T5
4514.T5



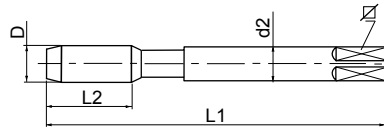
Rm
850
max



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376								4512.5	4514.5	4512.V5	4514.V5	4512.T5	4514.T5
D	p	L ₁	L ₂	d2	□	□	□	nudi/naked	nudi/naked	ST	ST	TIN	TIN
3	0,5	56	5	3,5	2,7	2,50			-		-		-
4	0,7	63	7	4,5	3,4	3,30			-		-		-
5	0,8	70	8	6,0	4,9	4,20			-		-		-
6	1	80	10	6,0	4,9	5,00			-		-		-
8	1,25	90	13	8,0	6,2	6,75			-		-		-
10	1,5	100	15	10,0	8,0	8,50			-		-		-
12	1,75	110	18	9,0	7,0	10,25		-		-		-	
Altre dimensioni su richiesta / Other dimensions on demand													
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM2 / R1 - R2													
ST: A1 - A2 - A3 - A4 / X1 - X2													
TIN: A1 - A2 - A3 - A4 - A5 / AM3 / R2													

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 45°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Rivestimento HPC

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSSE M35 5%Co**

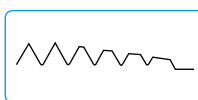
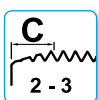
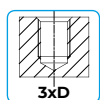
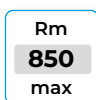
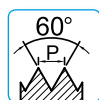
SPIRAL FLUTES - **RIGHT HELIX 45°** - Imbocco "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

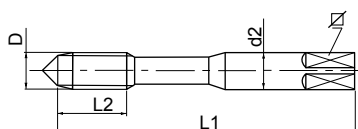
HPC coated

RIGID TAPPING SYNCRO

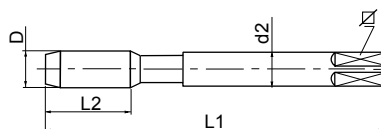
 HSSE



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.RF5	4514.RF5	4512.RFC5	4514.RFC5
D	p	L ₁	L ₂	d2					FORATI central hole	FORATI central hole
3	0,5	56	5	3,5	2,7	2,50		-	-	-
4	0,7	63	7	4,5	3,4	3,30		-	-	-
5	0,8	70	8	6,0	4,9	4,20		-	-	-
6	1	80	10	6,0	4,9	5,00		-	-	-
8	1,25	90	13	8,0	6,2	6,75		-	-	-
10	1,5	100	15	10,0	8,0	8,50		-	-	-
12	1,75	110	18	9,0	7,0	10,25	-		-	
14	2	110	20	11,0	9,0	12,00	-		-	
16	2	110	20	12,0	9,0	14,00	-		-	
18	2,5	125	25	14,0	11,0	15,50	-		-	
20	2,5	140	25	16,0	12,0	17,50	-		-	
22	2,5	140	25	18,0	14,5	19,50	-		-	
24	3	160	30	18,0	14,5	21,00	-		-	
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3										

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 45° - IMBOCCO "E"**

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Rivestimento HPC

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - **RIGHT HELIX 45° - Chamfer "E"**

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

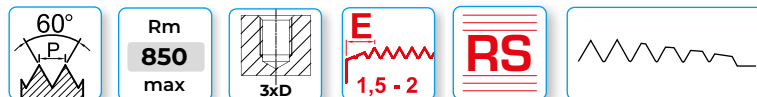
HPC coated

RIGID TAPPING SYNCHRO

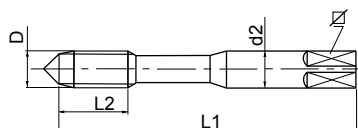
 **HSSE**



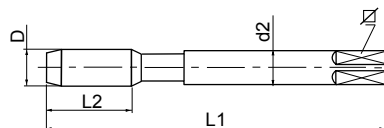
4512.RF4
4514.RF4



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.RF4	4514.RF4
D	p	L ₁	L ₂	d ₂	∠			
3	0,5	56	5	3,5	2,7	2,50		-
4	0,7	63	7	4,5	3,4	3,30		-
5	0,8	70	8	6,0	4,9	4,20		-
6	1	80	10	6,0	4,9	5,00		-
8	1,25	90	13	8,0	6,2	6,75		-
10	1,5	100	15	10,0	8,0	8,50		-
12	1,75	110	18	9,0	7,0	10,25	-	
14	2	110	20	11,0	9,0	12,00	-	
16	2	110	20	12,0	9,0	14,00	-	
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3								

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 40°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

Serie lunga

MACHINE TAPS **HSSE M35 5%Co**

SPiral FLUTES - **RIGHT HELIX 40°** - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

Long series

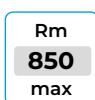
 HSSE



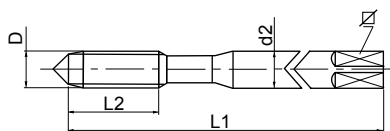
4112.3
4114.3



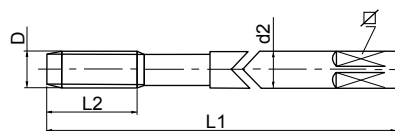
4112.F3
4114.F3



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA							4112.3	4114.3	4112.F3	4114.F3
D	p	L ₁	L ₂	d ₂	□		nudi/naked	nudi/naked	TICN	TICN
4	0,7	125	7	4,5	3,4	3,30		-		-
5	0,8	140	8	6,0	4,9	4,20		-		-
6	1	160	10	6,0	4,9	5,00		-		-
8	1,25	180	13	8,0	6,2	6,75		-		-
10	1,5	180	16	10,0	8,0	8,50		-		-
12	1,75	225	23	9,0	7,0	10,25	-		-	
14	2	225	23	11,0	9,0	12,00	-		-	
16	2	225	23	12,0	9,0	14,00	-		-	
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 TICN: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2										

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSV**

SCANALATURE ELICOIDALI - **ELICA DESTRA 48°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Rivestimento HPC per **INOX**

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSSV**

SPIRAL FLUTES - **RIGHT HELIX 48°** - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

HPC coated for **STAINLESS STEEL**

RIGID TAPPING SYNCHRO

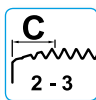
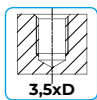
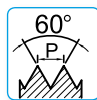


HSSV

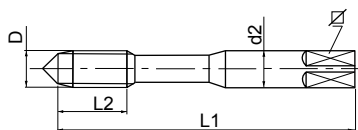


4512.S8

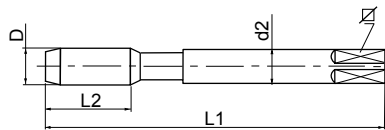
4514.S8



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.S8	4514.S8
D	p	L ₁	L ₂	d ₂	∅			
3	0,5	56	5	3,5	2,7	2,50		-
4	0,7	63	7	4,5	3,4	3,30		-
5	0,8	70	8	6,0	4,9	4,20		-
6	1	80	10	6,0	4,9	5,00		-
8	1,25	90	13	8,0	6,2	6,75		-
10	1,5	100	15	10,0	8,0	8,50		-
12	1,75	110	18	9,0	7,0	10,25	-	
14	2	110	20	11,0	9,0	12,00	-	
16	2	110	20	12,0	9,0	14,00	-	
18	2,5	125	25	14,0	11,0	15,50	-	
20	2,5	140	25	16,0	12,0	17,50	-	
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A3 - A4 - A5 / X1 - X2 - X3 - X4								

N.B.: ≥ M8 centro femmina / ≥ M8 female center

A richiesta: con foro centrale di lubro-refrigerazione a partire da M6

On demand: with central hole starting from M6

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 40°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Rivestimento CrN **per INOX**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - **RIGHT HELIX 40°** - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

CrN coated **for STAINLESS STEEL**



 HSSE

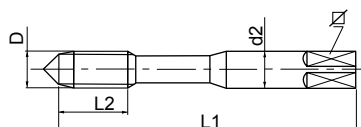


4512.S3

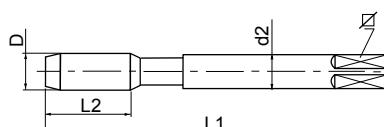
4514.S3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.S3	4514.S3
D	p	L ₁	L ₂	d ₂	∅		CrN	CrN
3	0,5	56	5	3,5	2,7	2,50		-
4	0,7	63	7	4,5	3,4	3,30		-
5	0,8	70	8	6,0	4,9	4,20		-
6	1	80	10	6,0	4,9	5,00		-
8	1,25	90	13	8,0	6,2	6,75		-
10	1,5	100	15	10,0	8,0	8,50		-
12	1,75	110	18	9,0	7,0	10,25	-	
14	2	110	20	11,0	9,0	12,00	-	
16	2	110	20	12,0	9,0	14,00	-	

Materiali / Application: A3 - A4 / X1 - X2 - X3

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA DESTRA 45°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Rivestimento **TIN-OX Plus** **Universali**

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSS-Co PM**

SPIRAL FLUTES - **RIGHT HELIX 45°** - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

TIN-OX Plus coated **Universal use**

RIGID TAPPING SYNCHRO

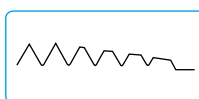
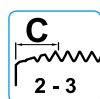
 HSS-Co-PM



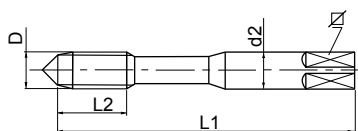
4512.U5
4514.U5



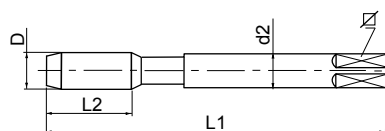
4512.UC5
4514.UC5



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.U5	4514.U5	4512.UC5	4514.UC5
D	p	L ₁	L ₂	d ₂	∠				FORATI with central hole	FORATI with central hole
3	0,5	56	5	3,5	2,7	2,50		-	-	-
4	0,7	63	7	4,5	3,4	3,30		-	-	-
5	0,8	70	8	6,0	4,9	4,20		-	-	-
6	1	80	10	6,0	4,9	5,00		-	-	-
8	1,25	90	13	8,0	6,2	6,75		-	-	-
10	1,5	100	15	10,0	8,0	8,50		-	-	-
12	1,75	110	18	9,0	7,0	10,25	-		-	
14	2	110	20	11,0	9,0	12,00	-		-	
16	2	110	20	12,0	9,0	14,00	-		-	
18	2,5	125	25	14,0	11,0	15,50	-		-	
20	2,5	140	25	16,0	12,0	17,50	-		-	
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2										

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA DESTRA 40°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

Rivestimento HPC **per materiali ad alta resistenza**

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - **RIGHT HELIX 40°** - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

HPC coated **for high resistance materials**

RIGID TAPPING SYNCHRO



HSS-Co-PM

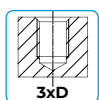


2,5xD



4512.X3

4514.X3

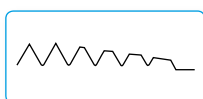


3xD

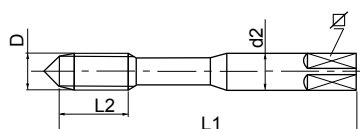


4512.XC3

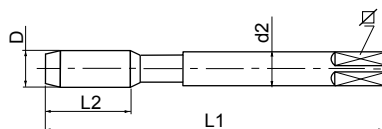
4514.XC3



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4512.X3	4514.X3	4512.XC3	4514.XC3
D	p	L ₁	L ₂	d ₂	∠				FORATI with central hole	FORATI with central hole
3	0,5	56	5	3,5	2,7	2,50		-	-	-
4	0,7	63	7	4,5	3,4	3,30		-	-	-
5	0,8	70	8	6,0	4,9	4,20		-	-	-
6	1	80	10	6,0	4,9	5,00		-	-	-
8	1,25	90	13	8,0	6,2	6,75		-	-	-
10	1,5	100	15	10,0	8,0	8,50		-	-	-
12	1,75	110	18	9,0	7,0	10,25	-		-	
14	2	110	20	11,0	9,0	12,00	-		-	
16	2	110	20	12,0	9,0	14,00	-		-	
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: A4 - A5 / G3 - G4										

N.B.: ≥ M8 centro femmina / ≥ M8 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 45°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - 6H

per ALLUMINIO e leghe

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - **RIGHT HELIX 45°** - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - 6H

for ALLUMINIUM and alloys



 HSSE



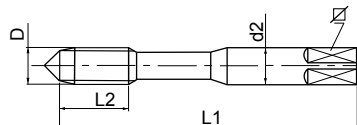
4512.2
4514.2



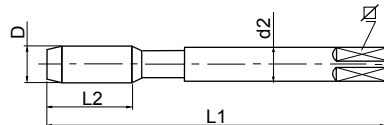
4512.A2
4514.A2



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376								4512.2	4514.2	4512.A2	4514.A2
D	p	L ₁	L ₂	d ₂	∠	Z				HPC	HPC
3	0,5	56	10	3,5	2,7	2	2,50		-		-
4	0,7	63	13	4,5	3,4	2	3,30		-		-
5	0,8	70	13	6,0	4,9	2	4,20		-		-
6	1	80	16	6,0	4,9	2	5,00		-		-
8	1,25	90	18	8,0	6,2	2	6,75		-		-
10	1,5	100	20	10,0	8,0	2	8,50		-		-
12	1,75	110	25	9,0	7,0	3	10,25	-	*	-	*
* Prezzo a richiesta / Price on demand											
Materiali / Application: nudi / naked: A1 / AM1 - AM2 / R1 - R2 / T1 / N1 / P1 HPC: A1 / AM1 - AM2 - AM3 / R1 - R2											

N.B.: ≥ M8 centro femmina / ≥ M8 female center



MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co 8%**

Imbocco "C"

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo grosso

Rivestimento TIN

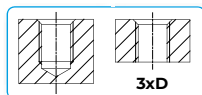
COLD FORMING MACHINE TAPS **HSS-Co 8%**

Chamfer form "C"

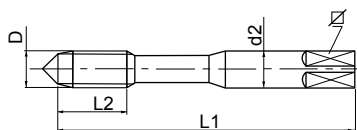
ISO Metric Coarse Thread – UNI 4535 – DIN 13

TIN coated

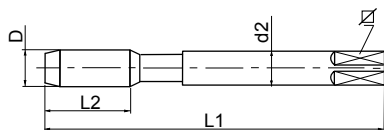
 HSS-Co 8%



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4516.TH	4516.TG	4517.TH	4517.TG
D	p	L ₁	L ₂	d ₂	∠		6HX	6GX	6HX con canalini with little flutes	6GX con canalini with little flutes
3	0,5	56	10	3,5	2,7	2,80				
4	0,7	63	13	4,5	3,4	3,70				
5	0,8	70	13	6,0	4,9	4,65				
6	1	80	16	6,0	4,9	5,55				
8	1,25	90	18	8,0	6,2	7,40				
10	1,5	100	20	10,0	8,0	9,30				
12	1,75	110	25	9,0	7,0	11,20	*	*		*
14	2	110	28	11,0	9,0	13,10	*	*		*
16	2	110	28	12,0	9,0	15,10	*	*		*
* Prezzo a richiesta / Price on demand										
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / AM1 - AM2 - AM3 / R1 - R2										

N.B.: ≥ M6 centro femmina / ≥ M6 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-PM**

Con canalini laterali di lubrificazione - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso

Rivestimento Super TIN

COLD FORMING MACHINE TAPS HSS-Co-PM

With lateral lubrication little flutes - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13

Super TIN coated

 HSS-Co-PM

6HX

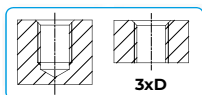


4517.XH

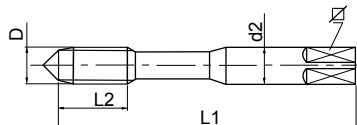
6GX



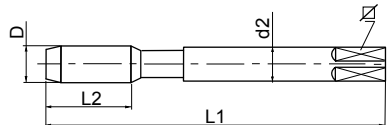
4517.XG



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4517.XH	4517.XG
D	p	L ₁	L ₂	d ₂	∠		6HX	6GX
3	0,5	56	10	3,5	2,7	2,80		
4	0,7	63	13	4,5	3,4	3,70		
5	0,8	70	13	6,0	4,9	4,65		
6	1	80	16	6,0	4,9	5,55		
8	1,25	90	18	8,0	6,2	7,40		
10	1,5	100	20	10,0	8,0	9,30		
12	1,75	110	25	9,0	7,0	11,20		
14	2	110	28	11,0	9,0	13,10		
16	2	110	28	12,0	9,0	15,10		
18	2,5	125	33	14,0	11,0	16,90	*	*
20	2,5	140	33	16,0	12,0	18,90	*	*
22	2,5	140	33	18,0	14,5	20,90	*	*
24	3	160	39	18,0	14,5	22,70	*	*
* Prezzo a richiesta / Price on demand								
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / AM1 - AM2 - AM3 / R1 - R2								

N.B.: ≥ M6 centro femmina / ≥ M6 female center

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-PM**

Con canalini laterali di lubrificazione - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo grosso - **6HX**

A lubrificazione forzata

Rivestimento Super TIN

COLD FORMING MACHINE TAPS HSS-Co-PM

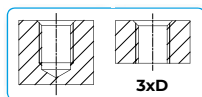
With lateral lubrication little flutes - Chamfer form "C"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

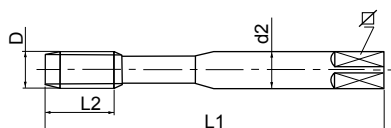
Whit coolant holes

Super TIN coated

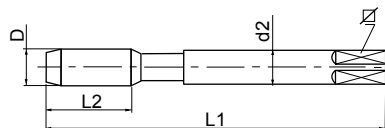
 HSS-Co-PM



DIN 371 $D \leq 10\text{mm}$.



DIN 376 $D \geq 12\text{mm}$.



DIN 371 / DIN 376							4517.XCH	4517.XRH
D	p	L ₁	L ₂	d ₂			foro centrale central hole	fori radiali radial holes
6	1	80	10	6,0	4,9	5,55		
8	1,25	90	13	8,0	6,2	7,40		
10	1,5	100	15	10,0	8,0	9,30		
12	1,75	110	18	9,0	7,0	11,20		
14	2	110	20	11,0	9,0	13,10		
16	2	110	20	12,0	9,0	15,10		
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A3 - A4 - A5 / X2 - X3 - X4								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-PM**

Con canalini laterali di lubrificazione

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo grosso - **6HX**

IMBOCCO "E"

Rivestimento Super TiN

COLD FORMING MACHINE TAPS HSS-Co-PM

With lateral lubrication little flutes

ISO Metric Coarse Thread – UNI 4535 – DIN 13 - **6HX**

CHAMFER form "E"

Super TiN coated

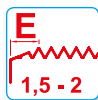
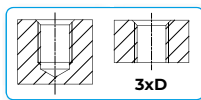
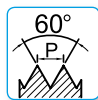
 HSS-Co-PM



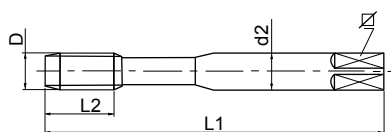
4517.XEH



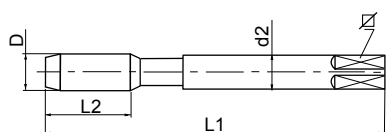
4517.XCEH



DIN 371 D ≤ 10mm.



DIN 376 D ≥ 12mm.



DIN 371 / DIN 376							4517.XEH	4517.XCEH
D	p	L ₁	L ₂	d ₂	□			foro centrale central hole
6	1	80	10	6,0	4,9	5,55		
8	1,25	90	13	8,0	6,2	7,40		
10	1,5	100	15	10,0	8,0	9,30		
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A3 - A4 - A5 / X2 - X3 - X4								

MASCHI A MACCHINA - MACHINE TAPS

PUNTE MASCHIO **HSSE M35 5%Co**

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo grosso – 6H

*MACHINE DRILL TAPS **HSSE M35 5%Co***

Iso Metric Coarse Thread – UNI 4535 – DIN 13 – 6H

 **HSSE**

ALU



4519



4519.V



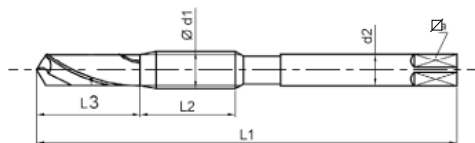
4519.1



4519.V1



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA								4519	4519.1	4519.V	4519.V1
D	p	L ₁	L ₂	L ₃	d ₂					ST	ST
3	0,5	66	10	10	3,5	2,7	2,50				
4	0,7	69	11	11	4,5	3,4	3,30				
5	0,8	81,5	11	12	6,0	4,9	4,20				
6	1	82,5	13	13	6,0	4,9	5,00				
8	1,25	101	14	18	6,0	4,9	6,80				
10	1,5	107	15	24	7,0	5,5	8,50				
12	1,75	120	17	25	9,0	7,0	10,30				
Altre dimensioni su richiesta / Other dimensions on demand											
Materiali / Application: 4519: A1 - A2 - A3 - A4 / AM2 - AM3 / R2 - R3 4519.V: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R2 - R3 4519.1: AM1 - AM2 / R1 - R2 / P1 4519.V1: AM1 - AM2 / R1 - R2 / P1											

RIEPILOGO PREFORI DI MASCHIATURA METRICA GROSSA E DIAMETRI DEL MASCHIO

SUMMARY OF TAPPING PRE-HOLES METRIC COARSE AND TAP DIAMETERS

Maschi a tagliare - Cutting taps

M	passo pitch		Ø medio - medium Ø 6H	
			min	max
2	0,4	1,60	1,761	1,776
2,5	0,45	2,05	2,231	2,246
3	0,5	2,50	2,699	2,715
3,5	0,6	2,90	3,137	3,155
4	0,7	3,30	3,574	3,593
4,5	0,75	3,75	4,042	4,061
5	0,8	4,20	4,510	4,530
6	1	5,00	5,385	5,409
7	1	6,00	6,385	6,409
8	1,25	6,75	7,226	7,251
9	1,25	7,75	8,226	8,251
10	1,5	8,50	9,068	9,096
11	1,5	9,50	10,068	10,096
12	1,75	10,25	10,911	10,943
14	2	12,00	12,757	12,786
16	2	14,00	14,752	14,786
18	2,5	15,50	16,430	16,466
20	2,5	17,50	18,430	18,466
22	2,5	19,50	20,430	20,466
24	3	21,00	22,115	22,157
27	3	24,00	25,115	25,157
30	3,5	26,50	27,794	27,839
33	3,5	29,50	30,794	30,839
36	4	32,00	33,473	33,520
39	4	35,00	36,473	36,520
42	4,5	37,50	39,152	39,202
45	4,5	40,50	42,152	42,202
48	5	43,00	44,832	44,885
52	5	47,00	48,832	48,000
56	5,5	50,50	52,512	52,568
60	5,5	54,50	56,512	56,568
64	6	58,00	60,193	60,253
68	6	62,00	64,193	64,253

MJ	passo pitch	
3	0,5	2,60
4	0,7	3,40
5	0,8	4,30
6	1	5,10
8	1	6,90
8	1,25	6,90
10	1	9,10
10	1,25	8,90
10	1,5	8,60
12	1,25	10,90
12	1,5	10,60
12	1,75	10,40
14	1,5	12,60
14	2	12,20
16	1,5	14,60
16	2	14,20

Maschi a rullare - Cold forming taps

M	filetti x 1"		Tolleranza
	TPI		Tolerance
2	0,4	1,82	± 0,02
2,5	0,45	2,30	± 0,02
3	0,5	2,80	± 0,03
3,5	0,6	3,25	± 0,03
4	0,7	3,70	± 0,03
5	0,8	4,65	± 0,03
6	1	5,55	± 0,05
8	1,25	7,40	± 0,05
10	1,5	9,30	± 0,05
12	1,75	11,20	± 0,05
14	2	13,10	± 0,05
16	2	15,10	± 0,05
18	2,5	16,90	± 0,05
20	2,5	18,90	± 0,05
22	2,5	20,90	± 0,05
24	3	22,70	± 0,05

NOTE - NOTES

[illegible]



MF

Filettatura metrica a passo fine ISO/DIN 13
ISO Metric Fine Thread ISO/DIN 13

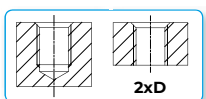
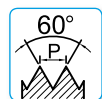
MASCHI A MANO - HAND TAPS

MASCHI A MANO DIN 2181 in serie di 2 pezzi HSS M2
Filettatura metrica ISO/DIN 13 – UNI 4535 a passo fine – 6H



HAND TAPS DIN 2181 set of 2 HSS M2
Iso Metric Fine Thread – UNI 4535 – DIN 13 – 6H

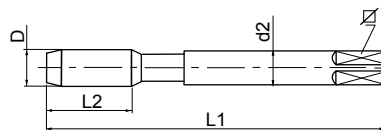
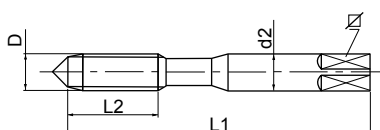
HSS



1425

DIN 2181

DIN 2181



DIN 2181							1425	1425.1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	∠		serie / set	serie / set Filettatura SINISTRA LEFT Hand
3	0,35	40	9	3,5	2,7	2,65		-
3,5	0,35	45	10	4,0	3,0	3,15		-
4	0,5	45	11	4,5	3,4	3,50		*
4,5	0,5	50	13	6,0	4,9	4,00		-
5	0,5	50	13	6,0	4,9	4,50		*
6	0,75	56	15	6,0	4,9	5,25		*
7	0,75	56	16	6,0	4,9	6,25		-
8	0,75	63	19	6,0	4,9	7,25		*
8	1	63	19	6,0	4,9	7,00		*
9	1	63	19	7,0	5,5	8,00		-
10	0,75	63	20	7,0	5,5	9,25		-
10	1	63	20	7,0	5,5	9,00		*
10	1,25	70	22	7,0	5,5	8,75		*
11	1	63	20	8,0	6,2	10,00		*
12	1	70	22	9,0	7,0	11,00		*
12	1,25	70	22	9,0	7,0	10,75		*
12	1,5	70	22	9,0	7,0	10,50		*
14	1	70	22	11,0	9,0	13,00		-
14	1,25	70	22	11,0	9,0	12,75		-
14	1,5	70	22	11,0	9,0	12,50		*
15	1	70	22	12,0	9,0	14,00	*	-
15	1,5	70	22	12,0	9,0	13,50	*	-
16	1	70	22	12,0	9,0	15,00		-
16	1,25	70	22	12,0	9,0	14,75		-
16	1,5	70	22	12,0	9,0	14,50		*
18	1	80	22	14,0	11,0	17,00		-
18	1,5	80	22	14,0	11,0	16,50		*
18	2	80	22	14,0	11,0	16,00		-
20	1	80	22	16,0	12,0	19,00		-
20	1,5	80	22	16,0	12,0	18,50		*
20	2	80	22	16,0	12,0	18,00		-
22	1	80	22	18,0	14,5	21,00		*
22	1,5	80	22	18,0	14,5	20,50		*
22	2	80	22	18,0	14,5	20,00		*
24	1	90	22	18,0	14,5	23,00		*
24	1,5	90	22	18,0	14,5	22,50		*
24	2	90	22	18,0	14,5	22,00		*
25	1,5	90	22	18,0	14,5	23,50		*
25	2	90	22	18,0	14,5	23,00		*

* Prezzo a richiesta / Price on demand

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3

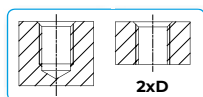
MASCHI A MANO - HAND TAPS

MASCHI A MANO DIN 2181 in serie di 2 pezzi HSS M2
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H



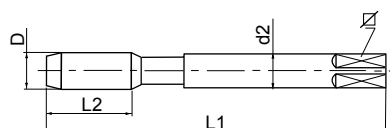
HAND TAPS DIN 2181 set of 2 HSS M2
ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

HSS



1425

DIN 2181



DIN 2181							1425	
D	P	L ₁	L ₂	d ₂	∠		serie / set	finitore / 2 nd
26	1,5	90	22	18,0	14,5	24,50	*	-
26	2	90	22	18,0	14,5	24,00	*	-
27	1,5	90	22	20,0	16,0	25,50		*
27	2	90	22	20,0	16,0	25,00		*
28	1,5	90	22	20,0	16,0	26,50		*
28	2	90	22	20,0	16,0	26,00		*
30	1,5	90	22	22,0	18,0	28,50		*
30	2	90	22	22,0	18,0	28,00		*
32	1,5	90	22	22,0	18,0	30,50		*
32	2	90	22	22,0	18,0	30,00		*
33	1,5	100	25	25,0	20,0	31,50		*
33	2	100	25	25,0	20,0	31,00		*
35	1,5	100	25	28,0	22,0	33,50	*	-
35	2	125	30	28,0	22,0	33,00	*	-
36	1,5	100	25	28,0	22,0	34,50		*
36	2	125	36	28,0	22,0	34,00		*
36	3	125	36	28,0	22,0	33,00		*
38	1,5	100	25	28,0	22,0	36,50	*	-
39	1,5	110	25	32,0	24,0	37,50		*
39	2	125	36	32,0	24,0	37,00		*
39	3	125	36	32,0	24,0	36,00		*
40	1,5	110	25	32,0	24,0	38,50		*
40	2	125	36	32,0	24,0	38,00		*
40	3	125	36	32,0	24,0	37,00		*
42	1,5	110	25	32,0	24,0	40,50		*
42	2	125	36	32,0	24,0	40,00		*
42	3	125	36	32,0	24,0	39,00		*
45	1,5	110	25	36,0	29,0	43,50		*
45	2	125	36	36,0	29,0	43,00		*
45	3	125	36	36,0	29,0	42,00		*
48	1,5	140	36	36,0	29,0	46,50		*
48	2	140	36	36,0	29,0	46,00		*
48	3	140	36	36,0	29,0	45,00		*
50	1,5	140	36	36,0	29,0	48,50		-
50	2	140	36	36,0	29,0	48,00		-
50	3	140	36	36,0	29,0	47,00		-
52	1,5	140	36	40,0	32,0	50,50		-
52	2	140	36	40,0	32,0	50,00		-
52	3	140	40	40,0	32,0	49,00		-

* Prezzo a richiesta / Price on demand

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

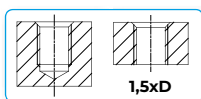
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

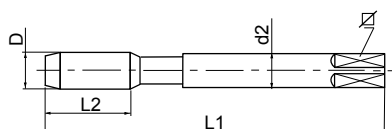
STRAIGHT FLUTES - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 HSSE



DIN 374



DIN 374							4521.0	4521.L0
D	P	L ₁	L ₂	d ₂	∠			Filettatura SINISTRA LEFT Hand
8	0,5	90	18	6,0	4,9	7,50		-
8	0,75	90	18	6,0	4,9	7,25		-
8	1	90	18	6,0	4,9	7,00		-
9	1	90	18	7,0	5,5	8,00		-
10	0,5	90	15	7,0	5,5	9,50		-
10	0,75	90	15	7,0	5,5	9,25		-
10	1	90	15	7,0	5,5	9,00		-
10	1,25	100	20	7,0	5,5	8,75		-
11	0,75	90	20	8,0	6,2	10,25		-
11	1	90	20	8,0	6,2	10,00		-
12	0,5	100	22	9,0	7,0	11,50		-
12	0,75	100	22	9,0	7,0	11,25		-
12	1	100	22	9,0	7,0	11,00		-
12	1,25	100	22	9,0	7,0	10,75		-
12	1,5	100	22	9,0	7,0	10,50		-
13	1	100	22	11,0	9,0	12,00		-
13	1,25	100	22	11,0	9,0	11,75		-
13	1,5	100	22	11,0	9,0	11,50		-
14	1	100	22	11,0	9,0	13,00		-
14	1,25	100	22	11,0	9,0	12,75		-
14	1,5	100	22	11,0	9,0	12,50		-
15	1	100	22	12,0	9,0	14,00		-
15	1,25	100	22	12,0	9,0	13,75		-
15	1,5	100	22	12,0	9,0	13,50		-
16	1	100	22	12,0	9,0	15,00		-
16	1,25	100	22	12,0	9,0	14,75		-
16	1,5	100	22	12,0	9,0	14,50		-
17	1	110	25	14,0	11,0	16,00		-
17	1,5	110	25	14,0	11,0	15,50		-
18	1	110	25	14,0	11,0	17,00		-
18	1,5	110	25	14,0	11,0	16,50		-
18	2	125	33	14,0	11,0	16,00		-
19	1	110	25	14,0	11,0	18,00		-
19	1,5	110	25	14,0	11,0	17,50		-
20	1	125	25	16,0	12,0	19,00		-
20	1,5	125	25	16,0	12,0	18,50		-
20	2	140	33	16,0	12,0	18,00		-
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2								

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

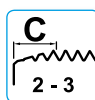
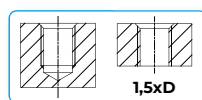
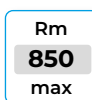
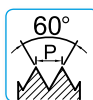
STRAIGHT FLUTES - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

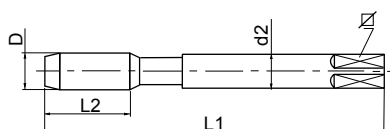
 HSSE



4521.0



DIN 374



DIN 374							4521.0
D	P	L ₁	L ₂	d ₂			
21	1	125	25	16,0	12,0	20,00	
21	1,5	125	25	16,0	12,0	19,50	
22	1	125	25	18,0	14,5	21,00	
22	1,25	125	25	18,0	14,5	20,75	
22	1,5	125	25	18,0	14,5	20,50	
22	2	140	33	18,0	14,5	20,00	
23	1	125	25	18,0	14,5	22,00	
23	1,5	125	25	18,0	14,5	21,50	
24	1	140	25	18,0	14,5	23,00	
24	1,5	140	25	18,0	14,5	22,50	
24	2	140	25	18,0	14,5	22,00	
25	1	140	25	18,0	14,5	24,00	
25	1,5	140	25	18,0	14,5	23,50	
25	2	140	25	18,0	14,5	23,00	
26	1	140	25	18,0	14,5	25,00	
26	1,5	140	25	18,0	14,5	24,50	
26	2	140	25	18,0	14,5	24,00	
27	1	140	25	20,0	16,0	26,00	
27	1,5	140	25	20,0	16,0	25,50	
27	2	140	25	20,0	16,0	25,00	
28	1	140	25	20,0	16,0	27,00	
28	1,5	140	25	20,0	16,0	26,50	
28	2	140	25	20,0	16,0	26,00	
30	1	150	28	22,0	18,0	29,00	
30	1,5	150	28	22,0	18,0	28,50	
30	2	150	28	22,0	18,0	28,00	
30	3	180	46	22,0	18,0	27,00	
32	1,5	150	28	22,0	18,0	30,50	
32	2	150	28	22,0	18,0	30,00	
33	1,5	160	30	25,0	20,0	31,50	
33	2	160	30	25,0	20,0	31,00	
33	3	180	46	25,0	20,0	30,00	
34	1	170	30	28,0	22,0	33,00	
34	1,5	170	30	28,0	22,0	32,50	
34	2	170	30	28,0	22,0	32,00	

Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

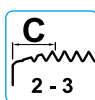
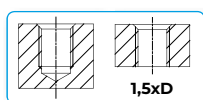
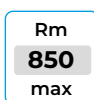
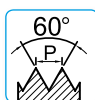
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer form "C"

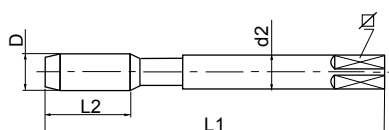
ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 HSSE



4521.0

DIN 374



DIN 374							4521.0
D	P	L ₁	L ₂	d ₂			
35	1,5	170	30	28,0	22,0	33,50	
35	2	170	30	28,0	22,0	33,00	
35	3	200	50	28,0	22,0	32,00	
36	1	170	30	28,0	22,0	35,00	
36	1,25	170	30	28,0	22,0	34,75	
36	1,5	170	30	28,0	22,0	34,50	
36	2	170	30	28,0	22,0	34,00	
36	3	200	50	28,0	22,0	33,00	
37	1	170	30	28,0	22,0	36,00	
37	1,5	170	30	28,0	22,0	35,50	
38	1	170	30	28,0	22,0	37,00	
38	1,5	170	30	28,0	22,0	36,50	
38	2	170	30	28,0	22,0	36,00	
38	3	200	50	28,0	22,0	35,00	
39	1	170	30	32,0	24,0	38,00	
39	1,5	170	30	32,0	24,0	37,50	
39	2	170	30	32,0	24,0	37,00	
39	3	200	50	32,0	24,0	36,00	
40	1	170	30	32,0	24,0	39,00	
40	1,5	170	30	32,0	24,0	38,50	
40	2	170	30	32,0	24,0	38,00	
40	3	200	50	32,0	24,0	37,00	
42	1	170	30	32,0	24,0	41,00	
42	1,5	170	30	32,0	24,0	40,50	
42	2	170	30	32,0	24,0	40,00	
42	3	200	55	32,0	24,0	39,00	
* 45	1	180	32	36,0	29,0	44,00	
* 45	1,5	180	32	36,0	29,0	43,50	
* 45	2	180	32	36,0	29,0	43,00	
* 45	3	200	50	36,0	29,0	42,00	
* 48	1	190	32	36,0	29,0	47,00	
* 48	1,5	190	32	36,0	29,0	46,50	
* 48	2	190	32	36,0	29,0	46,00	
* 48	3	220	65	36,0	29,0	45,00	
* 49	1,5	190	32	36,0	29,0	47,50	
* 49	3	220	65	36,0	29,0	46,00	
* Acciaio HSS / HSS Steel							
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA HSS M2

SCANALATURE DIRITTE - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS HSS M2

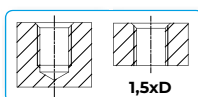
STRAIGHT FLUTES - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

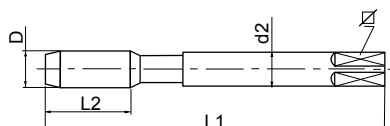
 HSS



4521.0



DIN 374



DIN 374							4521.0
D	P	L ₁	L ₂	d ₂			
50	1	190	32	36,0	29,0	49,00	
50	1,5	190	32	36,0	29,0	48,50	
50	2	190	32	36,0	29,0	48,00	
50	3	220	65	36,0	29,0	47,00	
52	1,5	190	32	40,0	32,0	50,50	
52	2	190	32	40,0	32,0	50,00	
52	3	220	65	40,0	32,0	49,00	
54	1,5	190	32	40,0	32,0	52,50	
54	2	190	32	40,0	32,0	52,00	
55	1,5	190	32	40,0	32,0	53,50	
55	2	190	32	40,0	32,0	53,00	
55	3	220	65	40,0	32,0	52,00	
56	1,5	190	32	40,0	32,0	54,50	
56	2	190	32	40,0	32,0	54,00	
56	3	220	65	40,0	32,0	53,00	
56	4	220	65	40,0	32,0	52,00	
58	1,5	190	32	40,0	32,0	56,50	
58	2	190	32	40,0	32,0	56,00	
58	3	220	65	40,0	32,0	55,00	
60	1,5	190	32	45,0	35,0	58,50	
60	2	190	32	45,0	35,0	58,00	
60	3	220	65	45,0	35,0	57,00	
60	4	220	65	45,0	35,0	56,00	
62	1,5	190	32	50,0	39,0	60,50	
62	2	190	32	50,0	39,0	60,00	
63	1,5	190	32	50,0	39,0	61,50	
64	1,5	190	32	50,0	39,0	62,50	
64	2	190	32	50,0	39,0	62,00	
64	3	220	65	50,0	39,0	61,00	
64	4	220	65	50,0	39,0	60,00	

Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA per DADI HSS M2

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

Imbocco 18 - 20 filetti



NUT MACHINE TAPS HSS M2

Iso Metric Fine Thread - UNI 4535 - DIN 13 - 6H

Chamfer 18 - 20 threads

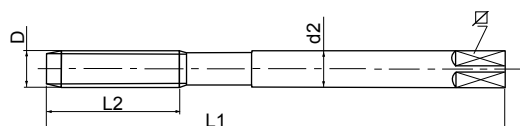
HSS



1525



DIN 357



DIN 357							1525
D	p	L ₁	L ₂	d ₂	∠		
8	1	125	36	6,0	4,9	7,00	
10	1	140	36	7,0	5,5	9,00	
10	1,25	140	40	7,0	5,5	8,75	
12	1,25	180	40	9,0	7,0	10,75	
12	1,5	180	45	9,0	7,0	10,50	
14	1,5	200	45	11,0	9,0	12,50	
16	1,5	200	45	12,0	9,0	14,50	
18	1,5	220	45	14,0	11,0	16,50	
20	1,5	250	50	16,0	12,0	18,50	
Materiali / Application: A1 - A2 - A3 - A4							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**
 SCANALATURE DIRITTE - Imbocco "C"

Rivestimento HPC

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSS-Co-PM**

STRAIGHT FLUTES - Chamfer form "C"

HPC coated

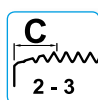
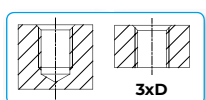
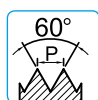
ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

RIGID TAPPING SYNCHRO

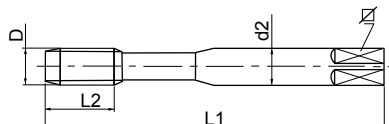
 HSS-Co-PM



4521.XS2



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA							4521.XS2
D	p	L ₁	L ₂	d ₂			HPC
8	1	90	13	8,0	6,2	7,00	
10	1	100	15	10,0	8,0	9,00	
10	1,25	10	15	10,0	8,0	8,75	
12	1,25	110	18	12,0	9,0	10,75	
12	1,5	110	18	12,0	9,0	10,50	
14	1,5	110	20	12,0	9,0	12,50	
16	1,5	110	20	16,0	12,0	14,50	
Materiali / Application: A5 - A6 / G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 - R4 / P2 - P3 / GR							

N.B.: d₂ tolleranza **h6** / d₂ tolerance **h6**

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C" - **per GHISA**

Filettatura metrica ISO/DIN13 - UNI 4535 a passo fine - **6HX**

Rivestimento TICN

MACHINE TAPS **HSSE M35 5%Co**

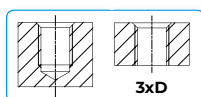
STRAIGHT FLUTES - Chamfer form "C" - **for CAST IRON**

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

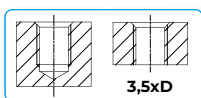
TICN coated



HSSE



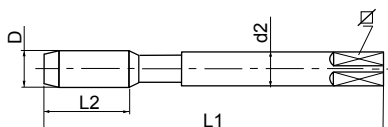
4521.2



4521.C2



DIN 374



DIN 374							4521.2	4521.C2
D	p	L ₁	L ₂	d ₂	∅			FORO CENTRALE with central hole
8	1	90	18	6,0	4,9	7,00		
10	1	90	15	7,0	5,5	9,00		
10	1,25	100	20	7,0	5,5	8,75		
12	1	100	22	9,0	7,0	11,00		
12	1,25	100	22	9,0	7,0	10,75		
12	1,5	100	22	9,0	7,0	10,50		
14	1,5	100	22	11,0	9,0	12,50		
16	1,5	100	22	12,0	9,0	14,50		
18	1,5	110	25	14,0	11,0	16,50		
20	1,5	125	25	16,0	12,0	18,50		
22	1,5	125	25	18,0	14,5	20,50		
24	1,5	140	25	18,0	14,5	22,50		
27	1,5	140	25	20,0	16,0	25,50		
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A5 - A6 / G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 - R4 / P2 - P3 / GR								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE DIRITTE - **per GHISA**

Filettatura metrica ISO/DIN13 - UNI 4535 a passo fine - **6HX**

Rivestimento **TIALN**

MACHINE TAPS **HSS-Co-PM**

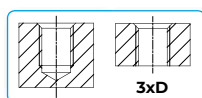
STRAIGHT FLUTES - **for CAST IRON**

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

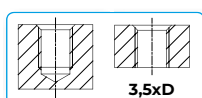
TIALN coated



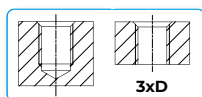
HSS-Co-PM



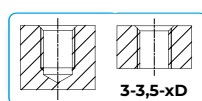
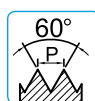
4521.X2



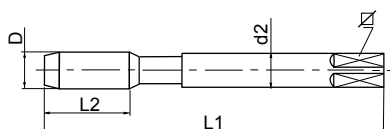
4521.XC2



4521.XE2



DIN 374



DIN 374							4521.X2	4521.XC2	4521.XE2
D	p	L ₁	L ₂	d ₂	□		IMBOCCO "C" Chamfer "C"	IMBOCCO "C" FORATI Chamfer "C" with hole	IMBOCCO "E" Chamfer "E"
8	1	90	18	6,0	4,9	7,00			
10	1	90	15	7,0	5,5	9,00			
10	1,25	100	20	7,0	5,5	8,75			
12	1,25	100	22	9,0	7,0	10,75			
12	1,5	100	22	9,0	7,0	10,50			
14	1,5	100	22	11,0	9,0	12,50			
16	1,5	100	22	12,0	9,0	14,50			
18	1,5	110	25	14,0	11,0	16,50			
20	1,5	125	25	16,0	12,0	18,50			
Materiali / Application: G1 - G2 - G3 - G4 - G5 / AM4 / R3 - R4 / GR									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

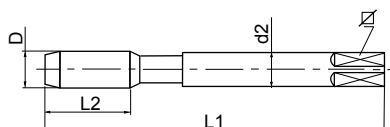
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 **HSSE**



DIN 374



4521.1



4521.V1



4521.T1



4521.L1

DIN 374							4521.1	4521.V1	4521.T1	4521.L1
D	p	L ₁	L ₂	d ₂	∠		nudi/naked	ST	TIN	Filettatura SINISTRA LEFT Hand
4	0,5	63	10	2,8	2,1	3,50		-	-	-
5	0,5	70	10	3,5	2,7	4,50		-	-	-
6	0,75	80	16	4,5	3,4	5,25		-	-	-
7	0,75	80	16	5,5	4,3	6,25	*	-	-	-
8	0,75	90	18	6,0	4,9	7,25	*	-	-	-
8	1	90	18	6,0	4,9	7,00		-	-	-
9	1	100	18	7,0	5,5	8,00	*	-	-	-
10	0,75	90	15	7,0	5,5	9,25	*	-	-	-
10	1	90	15	7,0	5,5	9,00		-	-	-
10	1,25	100	20	7,0	5,5	8,75		-	-	-
11	1	100	20	8,0	6,2	10,00	*	-	-	-
12	1	100	22	9,0	7,0	11,00		-	-	-
12	1,25	100	22	9,0	7,0	10,75		-	-	-
12	1,5	100	22	9,0	7,0	10,50		-	-	-
14	1	100	22	11,0	9,0	13,00		-	-	-
14	1,25	100	22	11,0	9,0	12,75		-	-	-
14	1,5	100	22	11,0	9,0	12,50		-	-	-
16	1	10	22	12,0	9,0	15,00		-	-	-
16	1,5	100	22	12,0	9,0	14,50		-	-	-
18	1	110	25	14,0	11,0	17,00		-	-	-
18	1,5	110	25	14,0	11,0	16,50		-	-	-
20	1	125	25	16,0	12,0	19,00		-	-	-
20	1,5	125	25	16,0	12,0	18,50		-	-	-
22	1	125	25	18,0	14,5	21,00		-	-	-
22	1,5	125	25	18,0	14,5	20,50		-	-	-
24	1	140	25	18,0	14,5	23,00		-	-	-
24	1,5	140	25	18,0	14,5	22,50		-	-	-
24	2	140	25	18,0	14,5	22,00		-	-	-
25	1,5	140	25	18,0	14,5	23,50		-	-	-
25	2	140	25	18,0	14,5	23,00		-	-	-
26	1,5	140	25	18,0	14,5	24,50		-	-	-
26	2	140	25	18,0	14,5	24,00		-	-	-
27	1	140	25	20,0	16,0	26,00		-	-	-
27	1,5	140	25	20,0	16,0	25,50		-	-	-
27	2	140	25	20,0	16,0	25,00		-	-	-
28	1,5	150	25	20,0	16,0	26,50		-	-	-
28	2	140	25	20,0	16,0	26,00		-	-	-

* Prezzo a richiesta / Price on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1

TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

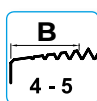
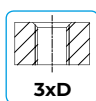
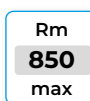
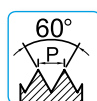
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 **HSSE**



4521.1

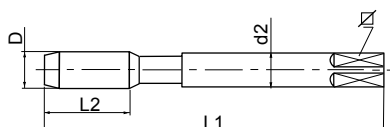


4521.V1



4521.T1

DIN 374



DIN 374							4521.1	4521.V1	4521.T1
D	p	L ₁	L ₂	d ₂			nudi/naked	ST	TIN
30	1,5	150	28	22,0	18,0	28,50			
30	2	150	28	22,0	18,0	28,00		-	-
30	3	180	46	22,0	18,0	27,00		-	-
32	1,5	150	28	22,0	18,0	30,50		-	-
32	2	150	28	22,0	18,0	30,00		-	-
33	1,5	160	30	25,0	20,0	31,50		-	-
33	2	160	30	25,0	20,0	31,00		-	-
34	1,5	170	30	28,0	22,0	32,50		-	-
35	1,5	170	30	28,0	22,0	33,50		-	-
36	1,5	170	30	28,0	22,0	34,50		-	-
36	2	170	30	28,0	22,0	34,00		-	-
36	3	200	50	28,0	22,0	33,00		-	-
38	1,5	170	30	28,0	22,0	36,50		-	-
39	1,5	170	30	32,0	24,0	37,50		-	-
39	3	190	36	32,0	24,0	36,00		-	-
40	1,5	170	30	32,0	24,0	38,50		-	-
40	2	170	30	32,0	24,0	38,00		-	-
40	3	200	50	32,0	24,0	37,00		-	-
42	1,5	170	30	32,0	24,0	40,50		-	-
42	2	170	30	32,0	24,0	40,00		-	-
42	3	200	55	32,0	24,0	39,00		-	-
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2									
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1									
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO Metric Fine Thread - UNI 4535 - DIN 13

 **HSSE**

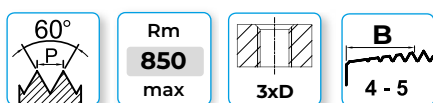


4521.6G1

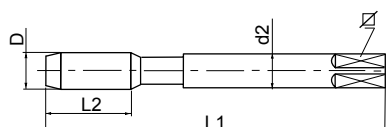
4521.7G1

4821.1

4921.1



DIN 374



DIN 374							4521.6G1	4521.7G1	4821.1	4921.1
D	p	L ₁	L ₂	d ₂			6G	7G	6H + 0,1	6H + 0,2
8	1	90	18	6,0	4,9	7,00				*
10	1	90	15	7,0	5,5	9,00				*
10	1,25	100	20	7,0	5,5	8,75				*
12	1	100	22	9,0	7,0	11,00	*	*	*	*
12	1,25	100	22	9,0	7,0	10,75				*
12	1,5	110	22	9,0	7,0	10,50				*
14	1	100	22	11,0	9,0	13,00	*	*	*	*
14	1,5	100	22	11,0	9,0	12,50				*
16	1,5	100	22	12,0	9,0	14,50				*
* Prezzo a richiesta / Price on demand										
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2										

MASCHI A MACCHINA

SCANALATURE DIRITTE con IMBOCCO CORRETTO - Forma "B"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Universali - per materiali ad alta resistenza - per **INOX**

MACHINE TAPS

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO Metric Coarse Thread - UNI 4535 - DIN 13 - **6HX**

Universal use - for high resistance materials - for **STAINLESS STEEL**



HSS-Co-PM

Rm
1200
max

Universal



4521.U1

Rm
1400
max

Hard



4521.X1

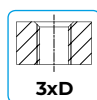
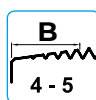
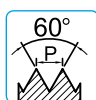
HSSV

Rm
1000
max

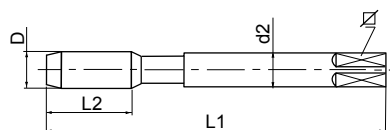
INOX



4521.S1



DIN 374



DIN 374							4521.U1	4521.X1	4521.S1
D	p	L ₁	L ₂	d ₂			ASP30 + TX	ASP30 + HPC	HSSV + HPC
8	1	90	18	6,0	4,9	7,00			
10	1	90	15	7,0	5,5	9,00			
10	1,25	100	20	7,0	5,5	8,75			
12	1,25	100	22	9,0	7,0	10,75			
12	1,5	110	22	9,0	7,0	10,50			
14	1,5	100	22	11,0	9,0	12,50			
16	1,5	100	22	12,0	9,0	14,50			
18	1,5	110	25	14,0	11,0	16,50		-	
20	1,5	125	25	16,0	12,0	18,50		-	
22	1,5	125	25	18,0	14,5	20,50		-	
24	1,5	140	25	18,0	14,5	22,50		-	
Materiali / Application: 4521.U1: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2									
4521.X1: A5 - A6 / G3 - G4 / AM4 / R3									
4521.S1: A3 - A4 - A5 / X1 - X2 - X3 - X4									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA SINISTRA 15° - TAGLIO DESTRO** - Imbocco "D"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine

Rivestimento TiCN per **TITANIO e leghe**

MACHINE TAPS **HSS-Co-PM**

SPiral FLUTES - **LEFT HELIX 15° - RIGHT CUT** - Chamfer form "D"

ISO Metric Fine Thread - UNI 4535 - DIN 13

TiCN coated for **TITANIUM and alloys**



HSS-Co-PM



CRESTE ARROTONDATE
WITH ROUNDED CREST



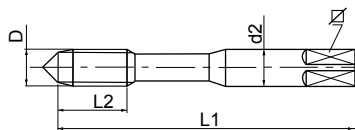
4521.XT1



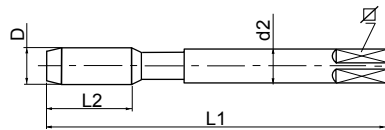
4521.XJT1



DIN 371 D ≤ 10mm.



DIN 374 D ≥ 12mm.



DIN 371 / DIN 374								4521.XT1	4521.XJT1
D	p	L ₁	L ₂	d ₂	□	□	Preforo MJ	6HX	Filettatura MJ - 4H
8	1	90	18	8,0	6,2	7,00	7,10		
10	1	100	20	10,0	8,0	9,00	9,10		
10	1,25	100	20	10,0	8,0	8,75	8,90		
12	1,25	100	22	9,0	7,0	10,75	10,90		
12	1,5	100	22	9,0	7,0	10,50	10,60		
14	1,5	100	22	11,0	9,0	12,50	12,60		
16	1,5	100	22	12,0	9,0	14,50	14,60		
Materiali / Application: A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA SINISTRA 10° - TAGLIO DESTRO** - Imbocco "D"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Rivestimento TiCN per **NICKEL** e leghe

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - **LEFT HELIX 10° - RIGHT CUT** - Chamfer form "D"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

TiCN coated for **NICKEL** and alloys



HSS-Co-PM



CRESTE ARROTONDATE
WITH ROUNDED CREST

6HX

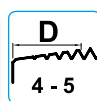
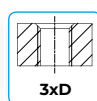
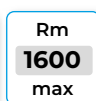
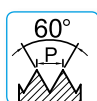


4521.XN1

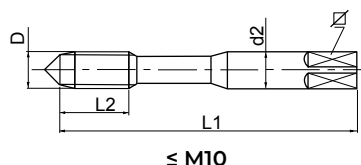
4H



4521.XJN1

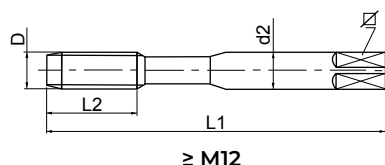


NORMA DI FABBRICA - FIUM NORM



≤ M10

NORMA DI FABBRICA - FIUM NORM



≥ M12

NORMA DI FABBRICA							4521.XN1	4521.XJN1
D	p	L ₁	L ₂	d ₂	□	□	6HX	MJ - 4H
8,0	1	90	25	8,0	6,2	7,00		*
10,0	1	100	30	10,0	8,0	9,00		*
10,0	1,25	100	30	10,0	8,0	8,75		*
12,0	1,25	110	30	12,0	9,0	10,75		*
12,0	1,5	110	30	12,0	9,0	10,50		*
14,0	1,5	110	30	12,0	9,0	12,50		*
16,0	1,5	110	30	16,0	12,0	12,50		*
Materiali / Application: A6 / R4 / N2 - N3 / S1 - S3								
* Prezzo a richiesta / Price on demand								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

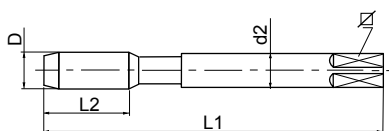
SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 HSSE



DIN 374



4522.1



4522.V1



4522.T1

DIN 374							4522.1	4522.V1	4522.T1
D	p	L ₁	L ₂	d ₂	∠		nudi/naked	ST	TIN
4	0,5	63	10	2,8	2,1	3,50	*	-	-
5	0,5	70	13	3,5	2,7	4,50	*	-	-
6	0,75	80	16	4,5	3,4	5,25		-	-
7	0,75	80	18	5,5	4,3	6,25	*	-	-
8	0,75	90	18	6,0	4,9	7,25		-	-
8	1	90	18	6,0	4,9	7,00		-	-
10	0,75	90	15	7,0	5,5	9,25		-	-
10	1	90	15	7,0	5,5	9,00		-	-
10	1,25	100	20	7,0	5,5	8,75		-	-
11	0,75	100	15	8,0	6,2	10,25	*	-	-
11	1	100	20	8,0	6,2	10,00	*	-	-
11	1,25	100	20	8,0	6,2	9,75	*	-	-
12	0,75	100	15	9,0	7,0	11,25	*	-	-
12	1	100	22	9,0	7,0	11,00		-	-
12	1,25	100	22	9,0	7,0	10,75		-	-
12	1,5	110	22	9,0	7,0	10,50		-	-
13	1	100	22	11,0	9,0	12,00	*	-	-
13	1,5	100	22	11,0	9,0	11,50	*	-	-
14	0,75	100	15	11,0	9,0	13,25	*	-	-
14	1	100	22	11,0	9,0	13,00		-	-
14	1,25	100	22	11,0	9,0	12,75		-	-
14	1,5	100	22	11,0	9,0	12,50		-	-
15	1	100	22	12,0	9,0	14,00	*	-	-
15	1,5	100	22	12,0	9,0	13,50	*	-	-
16	1	100	22	12,0	9,0	15,00		-	-
16	1,25	100	22	12,0	9,0	14,75		-	-
16	1,5	100	22	12,0	9,0	14,50		-	-
17	1	110	25	14,0	11,0	16,00	*	-	-
17	1,5	110	25	14,0	11,0	15,50	*	-	-
18	1	110	25	14,0	11,0	17,00		-	-
18	1,25	110	25	14,0	11,0	16,75	*	-	-
18	1,5	110	25	14,0	11,0	16,50		-	-
18	2	110	25	14,0	11,0	16,00	*	-	-
19	1	125	25	16,0	12,0	18,00	*	-	-
19	1,5	125	25	16,0	12,0	17,50	*	-	-

* Prezzo a richiesta / Price on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1

TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 HSSE



4522.1

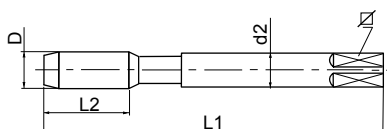


4522.V1



4522.T1

DIN 374



DIN 374							4522.1	4522.V1	4522.T1
D	p	L ₁	L ₂	d ₂	∠		nudi/naked	ST	TIN
20	1	125	25	16,0	12,0	19,00		-	-
20	1,25	125	25	16,0	12,0	18,75	*	-	-
20	1,5	125	25	16,0	12,0	18,50			
20	2	140	33	16,0	12,0	18,00	*	-	-
21	1	125	25	18,0	14,5	20,00	*	-	-
21	1,5	125	25	18,0	14,5	19,50	*	-	-
22	1	125	25	18,0	14,5	21,00	*	-	-
22	1,25	125	25	18,0	14,5	20,75	*	-	-
22	1,5	125	25	18,0	14,5	20,50			
22	2	140	33	18,0	14,5	20,00	*	-	-
24	1	140	25	18,0	14,5	23,00		-	-
24	1,5	140	25	18,0	14,5	22,50			
24	2	140	25	18,0	14,5	22,00		-	-
25	1	140	25	18,0	14,5	24,00		-	-
25	1,5	140	25	18,0	14,5	23,50		-	-
25	2	140	25	18,0	14,5	23,00	*	-	-
26	1	140	25	18,0	14,5	25,00		-	-
26	1,5	140	25	18,0	14,5	24,50		-	-
27	1,5	140	25	20,0	16,0	25,50		-	-
27	2	140	25	20,0	16,0	25,00		-	-
28	1,5	140	25	20,0	16,0	26,50		-	-
28	2	140	25	20,0	16,0	26,00		-	-
30	1	150	28	22,0	18,0	29,00		-	-
30	1,5	150	28	22,0	18,0	28,50		-	-
30	2	150	28	22,0	18,0	28,00		-	-

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1

TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine

Rivestimento TICN per **TITANIO e leghe**

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13

TICN coated for **TITANIUM and alloys**



HSS-Co-PM



4522.XT1



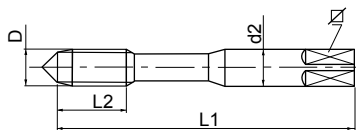
CRESTE ARROTONDATE
WITH ROUNDED CREST



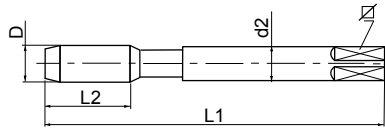
4522.XJT1



DIN 371 D ≤ 10mm.



DIN 374 D ≥ 12mm.



DIN 371 / DIN 374								4522.XT1	4522.XJT1
D	p	L ₁	L ₂	d ₂	□	□	Preforo MJF	6HX	Filettatura MJ - 4H
8	1	90	13	8,0	6,2	7,00	7,10		
10	1	100	15	10,0	8,0	9,00	9,10		
10	1,25	100	15	10,0	8,0	8,75	8,90		
12	1,25	100	13	9,0	7,0	10,75	10,90		
12	1,5	100	13	9,0	7,0	10,50	10,60		
14	1,5	100	15	11,0	9,0	12,50	12,60		
16	1,5	100	15	12,0	9,0	14,50	14,60		-
Materiali / Application: A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 10° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Rivestimento TICN per **NICKEL** e leghe

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - RIGHT HELIX 10° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

TICN coated for **NICKEL** and alloys



HSS-Co-PM



6HX

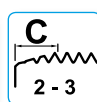
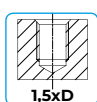
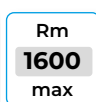
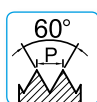


4522.XN1

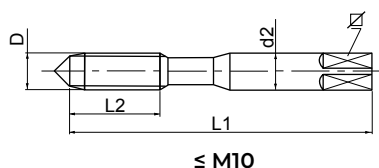
4H



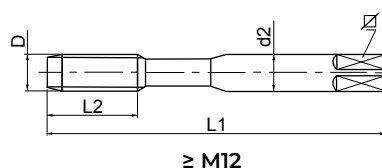
4522.XJN1



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA							4522.XN1	4522.XJN1
D	p	L ₁	L ₂	d ₂	□	□	6HX	MJ - 4H
8,0	1	90	25	8,0	6,2	7,00		*
10,0	1	100	30	10,0	8,0	9,00		*
10,0	1,25	100	30	10,0	8,0	8,75		*
12,0	1,25	110	30	12,0	9,0	10,75		*
12,0	1,5	110	30	12,0	9,0	10,50		*
14,0	1,5	110	30	12,0	9,0	12,50		*
16,0	1,5	110	30	16,0	12,0	12,50		*
Materiali / Application: A6 / R4 / N2 - N3 / S1 - S3								
* Prezzo a richiesta / Price on demand								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

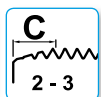
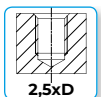
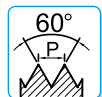
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

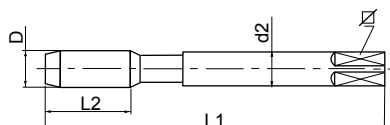
SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 HSSE



DIN 374



4522.3



4522.V3



4522.T3



4522.F3



4522.L3

DIN 374							4522.3	4522.V3	4522.T3	4522.F3	4522.L3
D	p	L ₁	L ₂	d ₂	∠		nudi/naked	ST	TIN	HPC	Filettatura SINISTRA 35° LEFT Hand 35°
6	0,75	80	10	4,5	3,4	5,25		-	-	-	-
8	0,75	90	13	6,0	4,9	7,25	*	-	-	-	-
8	1	90	13	6,0	4,9	7,00		-	-	-	-
9	1	90	18	7,0	5,5	8,00		-	-	-	-
10	1	90	15	7,0	5,5	9,00		-	-	-	-
10	1,25	100	15	7,0	5,5	8,75		-	-	-	-
11	1	100	13	8,0	6,2	10,00	*	-	-	-	-
12	1	100	13	9,0	7,0	11,00		-	-	-	-
12	1,25	100	13	9,0	7,0	10,75		-	-	-	-
12	1,5	100	15	9,0	7,0	10,50		-	-	-	-
13	1	100	15	11,0	9,0	12,00		-	-	-	-
14	1	100	15	11,0	9,0	13,00		-	-	-	-
14	1,25	100	15	11,0	9,0	12,75		-	-	-	-
14	1,5	100	15	11,0	9,0	12,50		-	-	-	-
15	1	100	22	12,0	9,0	14,00		-	-	-	-
15	1,5	100	22	12,0	9,0	13,50	*	-	-	-	-
16	1	100	15	12,0	9,0	15,00		-	-	-	-
16	1,5	100	15	12,0	9,0	14,50		-	-	-	-
17	1	110	25	14,0	11,0	16,00		-	-	-	-
18	1	110	17	14,0	11,0	17,00		-	-	-	-
18	1,5	110	17	14,0	11,0	16,50		-	-	-	-
18	2	125	25	14,0	11,0	16,00		-	-	-	-
20	1	125	17	16,0	12,0	19,00		-	-	-	-
20	1,5	125	17	16,0	12,0	18,50		-	-	-	-
20	2	140	25	16,0	12,0	18,00		-	-	-	-
22	1	125	18	18,0	14,5	21,00		-	-	-	-
22	1,5	125	18	18,0	14,5	20,50		-	-	-	-
22	2	140	25	18,0	14,5	20,00		-	-	-	-
24	1	140	20	18,0	14,5	23,00		-	-	-	-
24	1,5	140	20	18,0	14,5	22,50		-	-	-	-
24	2	140	20	18,0	14,5	22,00		-	-	-	-

* Prezzo a richiesta / Price on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1

TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2

HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

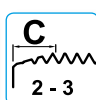
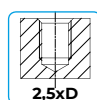
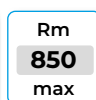
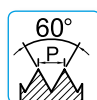
Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS **HSSE M35 5%Co**

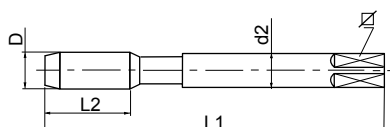
SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

 **HSSE**



DIN 374



4522.3



4522.V3



4522.T3



4522.F3

DIN 374							4522.3	4522.V3	4522.T3	4522.F3
D	p	L ₁	L ₂	d ₂			nudi/naked	ST	TIN	HPC
25	1	140	20	18,0	14,5	24,00		-	-	-
25	1,5	140	20	18,0	14,5	23,50		-	-	-
25	2	140	20	18,0	14,5	23,00	*	-	-	-
26	1,5	140	20	18,0	14,5	24,50		-	-	-
27	1	140	20	20,0	16,0	26,00	*	-	-	-
27	1,5	140	20	20,0	16,0	25,50		-	-	-
27	2	140	20	20,0	16,0	25,00		-	-	-
28	1,5	140	20	20,0	16,0	26,50		-	-	-
30	1,5	150	22	22,0	18,0	28,50		-	-	-
30	2	150	22	22,0	18,0	28,00		-	-	-
30	3	180	35	22,0	18,0	27,00	*	-	-	-
32	1,5	150	22	22,0	18,0	30,50		-	-	-
32	2	150	22	22,0	18,0	30,00		-	-	-
33	1,5	160	24	25,0	20,0	31,50	*	-	-	-
33	2	160	24	25,0	20,0	31,00		-	-	-
33	3	180	35	25,0	20,0	30,00		-	-	-
34	1,5	170	24	28,0	22,0	32,50	*	-	-	-
35	1,5	170	24	28,0	22,0	33,50	*	-	-	-
36	1,5	170	24	28,0	22,0	34,50		-	-	-
36	2	170	24	28,0	22,0	34,00		-	-	-
36	3	200	40	28,0	22,0	33,00		-	-	-
38	1,5	170	24	28,0	22,0	36,50	*	-	-	-
39	1,5	170	25	32,0	24,0	37,50	*	-	-	-
39	2	170	25	32,0	24,0	37,00	*	-	-	-
39	3	200	40	32,0	24,0	36,00		-	-	-
40	1,5	170	25	32,0	24,0	38,50	*	-	-	-
40	2	170	25	32,0	24,0	38,00	*	-	-	-
40	3	200	40	32,0	24,0	37,00	*	-	-	-
42	1,5	170	25	32,0	24,0	40,50	*	-	-	-
42	2	170	25	32,0	24,0	40,00		-	-	-
42	3	200	40	32,0	24,0	39,00		-	-	-

* Prezzo a richiesta / Price on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1

TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2

HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2- AM3 / R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA HSS M2

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - 6H

MACHINE TAPS HSS M2

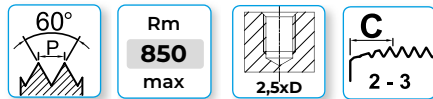
SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - 6H

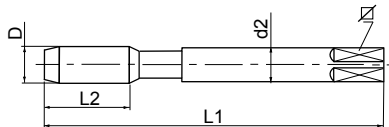
 HSS



4522.3



DIN 374



DIN 374						4522.3	
D	p	L ₁	L ₂	d ₂			
45	1,5	180	27	36,0	29,0	43,50	*
45	2	180	27	36,0	29,0	43,00	*
45	3	200	32	36,0	29,0	42,00	*
48	1,5	190	27	36,0	29,0	46,50	*
48	2	190	27	36,0	29,0	46,00	*
48	3	220	36	36,0	29,0	45,00	*
50	1,5	190	27	36,0	29,0	48,50	*
50	2	190	27	36,0	29,0	48,00	*
50	3	220	36	36,0	32,0	47,00	*
52	1,5	190	27	40,0	32,0	50,50	*
52	2	190	27	40,0	32,0	50,00	*
52	3	220	36	40,0	32,0	49,00	*
* Prezzo a richiesta / Price on demand							
Materiali / Application: A5 - A6 / G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 - R4 / P2 - P3 / GR							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13

 HSSE



4522.6G3

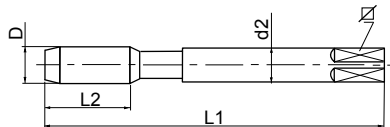
4522.7G3

4822.3

4922.3



DIN 374



DIN 374							4522.6G3	4522.7G3	4822.3	4922.3
D	p	L ₁	L ₂	d ₂			6G	7G	6H + 0,1	6H + 0,2
8	1	90	13	6,0	4,9	7,00		*		*
10	1	90	15	7,0	5,5	9,00		*		*
10	1,25	100	15	7,0	5,5	8,75		*		*
12	1	100	13	9,0	7,0	11,00	*	*	*	*
12	1,25	100	13	9,0	7,0	10,75		*		*
12	1,5	100	13	9,0	7,0	10,50		*		*
14	1	100	15	11,0	9,0	13,00	*	*	*	*
14	1,5	100	15	11,0	9,0	12,50		*		*
16	1,5	100	15	12,0	9,0	14,50		*		*
* Prezzo a richiesta / Price on demand										
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - **ELICA DESTRA 45°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - **RIGHT HELIX 45°** - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

 **HSSE**



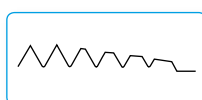
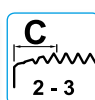
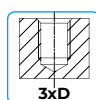
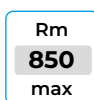
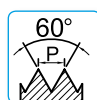
4522.5



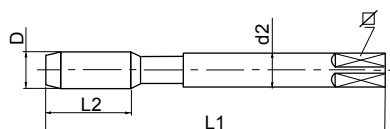
4522.V5



4522.T5



DIN 374



DIN 374							4522.5	4522.V5	4522.T5
D	p	L ₁	L ₂	d ₂			nudi/naked	ST	TIN
8	1	90	13	6,0	4,9	7,00			
10	1	90	15	7,0	5,5	9,00			
10	1,25	100	15	7,0	5,5	8,75			
12	1	100	13	9,0	7,0	11,00			
12	1,25	100	13	9,0	7,0	10,75			
12	1,5	100	13	9,0	7,0	10,50			
14	1,5	100	15	11,0	9,0	12,50			
16	1,5	100	15	12,0	9,0	14,50			
18	1,5	110	17	14,0	11,0	16,50			
20	1,5	125	17	16,0	12,0	18,50			
22	1,5	125	18	18,0	14,5	20,50			
24	1,5	140	20	18,0	14,5	22,50			
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM2 / R1 - R2 ST: A1 - A2 - A3 - A4 / X1 - X2 TIN: A1 - A2 - A3 - A4 - A5 / AM3 / R2									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSV**

SCANALATURE ELICOIDALI - **ELICA DESTRA 48°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Rivestimento HPC **per INOX**

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSSV**

SPIRAL FLUTES - **RIGHT HELIX 48°** - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

HPC coated **for STAINLESS STEEL**

RIGID TAPPING SYNCHRO



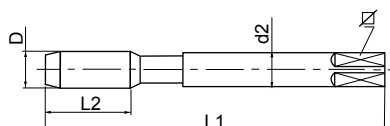
HSSV



4522.S8



DIN 374



DIN 374						4522.S8	
D	p	L ₁	L ₂	d ₂	□	□	HPC
8	1	90	13	6,0	4,9	7,00	
10	1	90	15	7,0	5,5	9,00	
10	1,25	100	15	7,0	5,5	8,75	
12	1	100	13	9,0	7,0	11,00	
12	1,25	100	13	9,0	7,0	10,75	
12	1,5	100	13	9,0	7,0	10,50	
14	1,5	100	15	11,0	9,0	12,50	
16	1,5	100	15	12,0	9,0	14,50	
Altre dimensioni su richiesta / Other dimensions on demand							
Materiali / Application: A3 - A4 - A5 / X1 - X2 - X3 - X4							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA DESTRA 45°** - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Rivestimento **TIN-OX Plus** **Universali**

MASCHIATURA RIGIDA SINCRONIZZATA

COLD FORMING MACHINE TAPS HSS-Co-PM

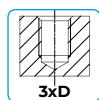
SPIRAL FLUTES - **RIGHT HELIX 45°** - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

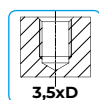
TIN-OX Plus coated **Universal use**

RIGID TAPPING SYNCHRO

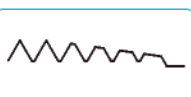
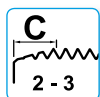
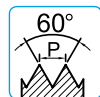
HSS-Co-PM



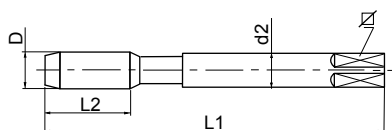
4522.U5



4522.UC5



DIN 374



DIN 374							4522.U5	4522.UC5
D	p	L ₁	L ₂	d ₂	∅			FORO CENTRALE with central hole
8	1	90	13	6,0	4,9	7,00		
10	1	90	15	7,0	5,5	9,00		
10	1,25	100	15	7,0	5,5	8,75		
12	1	100	13	9,0	7,0	11,00		
12	1,25	100	13	9,0	7,0	10,75		
12	1,5	100	13	9,0	7,0	10,50		
14	1,5	100	15	11,0	9,0	12,50		
16	1,5	100	15	12,0	9,0	14,50		
18	1,5	110	17	14,0	11,0	16,50		
20	1,5	125	17	16,0	12,0	18,50		
22	1,5	125	18	18,0	14,5	20,50		
24	1,5	140	20	18,0	14,5	22,50		
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Rivestimento HPC per materiali ad alta resistenza

MASCHIATURA RIGIDA SINCRONIZZATA

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - **RIGHT HELIX 40°** - Chamfer form "C"

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

HPC coated for high resistance materials

RIGID TAPPING SYNCHRO

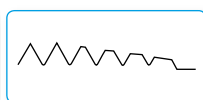
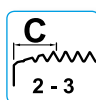
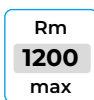
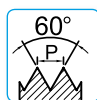
HSS-Co-PM



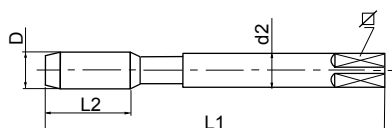
4522.X3



4522.XC3



DIN 374



DIN 374							4522.X3	4522.XC3
D	p	L ₁	L ₂	d ₂	□	□		FORO CENTRALE with central hole
8	1	90	18	6,0	4,9	7,00		
10	1	90	15	7,0	5,5	9,00		
10	1,25	100	15	7,0	5,5	8,75		
12	1,25	100	13	9,0	7,0	10,75		
12	1,5	100	13	9,0	7,0	10,50		
14	1,5	100	15	11,0	9,0	12,50		
16	1,5	100	15	12,0	9,0	14,50		
Materiali / Application: A4 - A5 / G3 - G4								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-PM**

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo fine

Rivestimento Super TIN Imbocco "C"

Con canalini laterali di lubrificazione

MASCHIATURA RIGIDA SINCRONIZZATA

COLD FORMING MACHINE TAPS **HSS-Co-PM**

ISO Metric Fine Thread – UNI 4535 – DIN 13

Super TIN coated Chamfer form "C"

With lateral lubrication flutes

RIGID TAPPING SYNCHRO

HSS-Co-PM

6HX

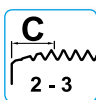
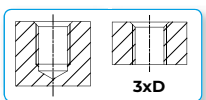
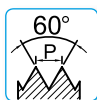


4527.XH

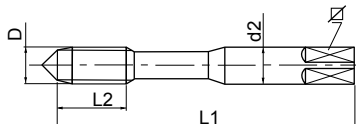
6GX



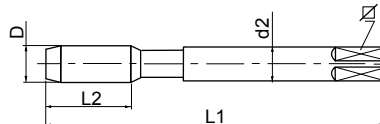
4527.XG



DIN 371 D ≤ 10mm.



DIN 374 D ≥ 12mm.



DIN 371 / DIN 374							4527.XH	4527.XG
D	p	L ₁	L ₂	d ₂	∅		6HX	6GX
8	1	90	13	8,0	6,2	7,55		
10	1	90	10	10,0	8,0	9,55		
10	1,25	100	15	10,0	8,0	9,45		
12	1	100	15	9,0	7,0	11,55		
12	1,25	100	15	9,0	7,0	11,45		
12	1,5	110	15	9,0	7,0	11,30		
14	1,5	100	15	11,0	9,0	13,30		
16	1,5	100	15	12,0	9,0	15,30		
Materiali / Application: A3 - A4 - A5 / X2 - X3 - X4								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-PM**

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Rivestimento Super TIN Imbocco "C"

A lubrificazione forzata

MASCHIATURA RIGIDA SINCRONIZZATA

COLD FORMING MACHINE TAPS **HSS-Co-PM**

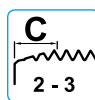
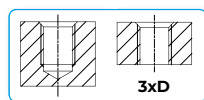
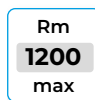
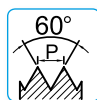
ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

Super TIN coated Chamfer form "C"

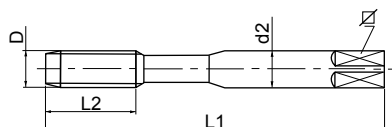
With coolant holes

RIGID TAPPING SYNCHRO

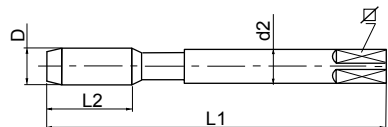
 HSS-Co-PM



DIN 371 D ≤ 10mm.



DIN 374 D ≥ 12mm.



DIN 371 / DIN 374							4527.XCH	4527.XRH
D	p	L ₁	L ₂	d ₂	∅		con foro centrale with central hole	con fori radiali with radial holes
8	1	90	13	8,0	6,2	7,55		
10	1	90	15	10,0	8,0	9,55		
10	1,25	100	15	10,0	8,0	9,45		
12	1	100	15	9,0	7,0	11,55		
12	1,25	100	15	9,0	7,0	11,45		
12	1,5	100	15	9,0	7,0	11,30		
14	1,5	100	15	11,0	9,0	13,30		
16	1,5	100	15	12,0	9,0	15,30		
Materiali / Application: A3 - A4 - A5 / X2 - X3 - X4								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-PM**

Filettatura metrica ISO/DIN 13 - UNI 4535 a passo fine - **6HX**

Rivestimento Super TIN

Imbocco E

MASCHIATURA RIGIDA SINCRONIZZATA

COLD FORMING MACHINE TAPS HSS-Co-PM

ISO Metric Fine Thread - UNI 4535 - DIN 13 - **6HX**

Super TIN coated

Chamfer E

RIGID TAPPING SYNCHRO

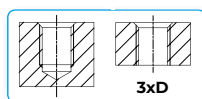
HSS-Co-PM



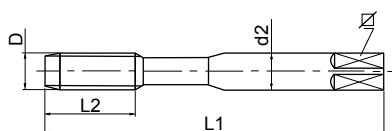
4527.XE



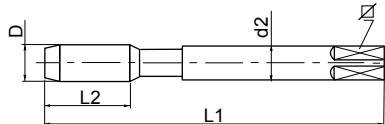
4527.XCE



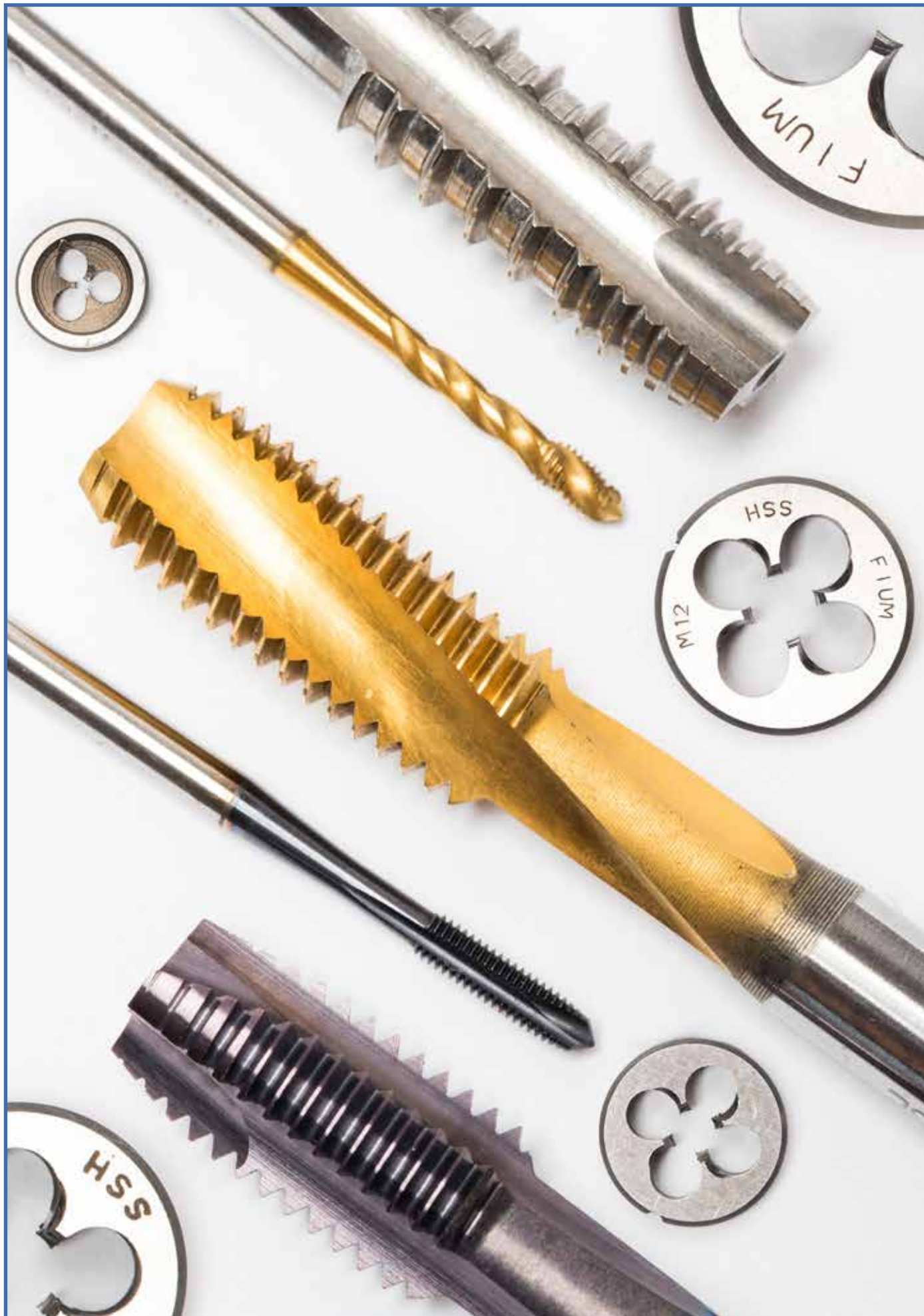
DIN 371 D ≤ 10mm.



DIN 374 D ≥ 12mm.



DIN 371 / DIN 374							4527.XE	4527.XCE
D	p	L ₁	L ₂	d ₂	∅			con foro centrale with central hole
8	1	90	13	8,0	6,2	7,55		
10	1	90	10	10,0	8,0	9,55		
10	1,25	100	15	10,0	8,0	9,45		
12	1	100	15	9,0	7,0	11,55		
12	1,25	100	15	9,0	7,0	11,45		
12	1,5	100	15	9,0	7,0	11,30		
14	1,5	100	15	11,0	9,0	13,30		
16	1,5	100	15	12,0	9,0	15,30		
Materiali / Application: A3 - A4 - A5 / X2 - X3 - X4								



**RIEPILOGO PREFORI DI MASCHIATURA METRICA FINE
E DIAMETRI DEL MASCHIO**
SUMMARY OF TAPPING PRE-HOLES METRIC FINE AND TAP DIAMETERS

Maschi a tagliare - Cutting taps

MF	passo pitch		Ø medio - medium Ø 6H	
			min	max
3	0,35	2,65	2,794	2,809
3,5	0,35	3,15	3,294	3,309
4	0,5	3,50	3,699	3,715
4,5	0,5	4,00	4,199	4,215
5	0,5	4,50	4,699	4,715
5,5	0,5	5,00	5,199	5,215
6	0,75	5,25	5,545	5,566
7	0,75	6,25	6,545	6,566
8	0,75	7,25	7,545	7,566
8	1	7,00	7,385	7,409
9	1	8,00	8,385	8,409
10	0,75	9,25	9,545	9,566
10	1	9,00	9,385	9,409
10	1,25	8,75	9,226	9,251
11	0,75	10,25	10,545	10,566
11	1	10,00	10,385	10,409
11	1,25	9,75	10,226	10,251
12	0,75	11,25	11,545	11,566
12	1	11,00	11,385	11,409
12	1,25	10,75	11,230	11,258
12	1,5	10,50	11,071	11,101
13	1	12,00	12,385	12,409
13	1,5	11,50	12,071	12,101
14	0,75	13,25	13,545	13,566
14	1	13,00	13,385	13,409
14	1,25	12,75	13,230	13,258
14	1,5	12,50	13,071	11,101
15	1	14,00	14,385	14,409
15	1,5	13,50	14,071	14,101
16	1	15,00	15,385	15,409
16	1,25	14,75	15,230	15,258
16	1,5	14,50	15,071	15,101
17	1	16,00	16,385	16,409
17	1,5	15,50	16,071	16,101
18	1	17,00	17,385	17,409
18	1,25	16,75	17,230	17,258
18	1,5	16,50	17,071	17,101
18	2	16,00	16,752	16,786
19	1	18,00	18,385	18,409
19	1,5	17,50	18,071	18,101
20	1	19,00	19,385	19,409
20	1,25	18,75	19,230	19,258
20	1,5	18,50	19,071	19,101
20	2	18,00	18,752	18,786
21	1	20,00	20,385	20,409
21	1,5	19,50	20,071	20,101
22	1	21,00	21,385	21,409
22	1,25	20,75	21,230	21,258
22	1,5	20,50	21,071	21,101
22	2	20,00	20,752	20,786
24	1	23,00	23,388	23,414
24	1,5	22,50	23,074	23,106
24	2	22,00	22,755	22,791
25	1	24,00	24,388	24,414

MF	passo pitch		Ø medio - medium Ø 6H	
			min	max
25	1,5	23,50	24,074	24,106
25	2	23,00	23,755	23,791
26	1,5	24,50	25,074	25,106
27	1	26,00	26,388	26,414
27	1,5	25,50	26,074	26,106
27	2	25,00	25,755	25,791
28	1,5	26,50	27,074	27,106
28	2	26,00	26,755	26,791
30	1	29,00	29,388	29,414
30	1,5	28,50	29,074	29,106
30	2	28,00	28,755	28,791
30	3	27,00	28,115	28,157
32	1,5	30,50	31,074	31,106
32	2	30,00	30,755	30,791
33	1,5	31,50	32,074	32,106
33	2	31,00	31,755	31,791
33	3	30,00	31,115	31,157
35	1,5	33,50	34,074	34,106
36	1,5	34,50	35,074	35,106
36	2	34,00	34,755	34,791
36	3	33,00	34,115	34,157
39	1,5	37,50	38,074	38,106
39	2	37,00	37,755	37,791
39	3	36,00	37,115	37,157
40	1,5	38,50	39,074	39,106
40	2	38,00	38,755	38,791
40	3	37,00	38,115	38,157
42	1,5	40,50	41,074	41,106
42	2	40,00	40,755	40,791
42	3	39,00	40,115	40,157
42	4	38,00	39,473	39,520
45	1,5	43,50	44,074	44,106
45	2	43,00	43,755	43,791
45	3	42,00	43,115	43,157
45	4	41,00	42,473	42,520
48	1,5	46,50	47,077	47,111
48	2	46,00	46,758	46,796
48	3	45,00	46,118	46,163
48	4	44,00	45,477	45,527
50	1,5	48,50	49,077	49,111
50	2	48,00	48,758	48,796
50	3	47,00	48,118	48,163
52	1,5	50,50	51,077	51,111
52	2	50,00	50,758	50,796
52	3	49,00	50,118	50,163
52	4	48,00	52,477	52,527
55	1,5	53,50	54,077	54,111
55	2	53,00	53,758	53,796
55	3	52,00	53,118	53,163
55	4	51,00	52,477	52,527
56	1,5	54,50	55,077	55,111
56	2	54,00	54,758	54,796
56	3	53,00	54,118	54,163
56	4	52,00	53,477	53,527

RIEPILOGO PREFORI DI MASCHIATURA METRICA FINE SUMMARY OF TAPPING PRE-HOLES METRIC FINE

Maschi a rullare - Cold forming taps

M	filetti x 1"		Tolleranza
	TPI		Tolerance
4	0,5	3,80	± 0,03
5	0,5	4,80	± 0,03
6	0,5	5,80	± 0,03
6	0,75	5,65	± 0,03
8	1	7,55	± 0,05
10	1	9,55	± 0,05
10	1,25	9,40	± 0,05
12	1	11,55	± 0,05
12	1,25	11,40	± 0,05
12	1,5	11,30	± 0,05
14	1	13,55	± 0,05
14	1,25	13,40	± 0,05
14	1,5	13,30	± 0,05
16	1	15,55	± 0,05
16	1,25	15,40	± 0,05
16	1,5	15,30	± 0,05
18	1	17,55	± 0,05
18	1,25	17,40	± 0,05
18	1,5	17,30	± 0,05
20	1	19,55	± 0,05
20	1,25	19,40	± 0,05
20	1,5	19,30	± 0,05
20	2	19,10	± 0,05
22	1	21,55	± 0,05
22	1,25	21,40	± 0,05
22	1,5	21,30	± 0,05
22	2	21,10	± 0,05
24	1	23,55	± 0,05
24	1,25	23,40	± 0,05
24	1,5	23,30	± 0,05
24	2	23,10	± 0,05
26	1,5	25,30	± 0,05
26	2	25,10	± 0,05
27	1,5	26,30	± 0,05
27	2	26,10	± 0,05
28	1,5	27,30	± 0,05
28	2	27,10	± 0,05
30	1,5	29,30	± 0,05
30	2	29,10	± 0,05

NOTE - NOTES

[illegible]



UNC

Filettatura ASME B1.1 a passo grosso UNC - 2B
ASME B1.1 Unified Coarse Thread UNC - 2B

MASCHI A MANO - HAND TAPS

MASCHI A MANO in serie di 3 pezzi HSS M2
Filettatura ASME B1.1 a passo grosso UNC - 2B

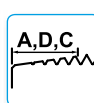
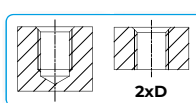
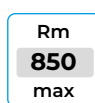
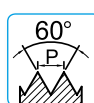


HAND TAPS set of 3 HSS M2
ASME B1.1 Unified Coarse Thread UNC - 2B

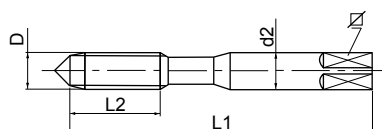
HSS



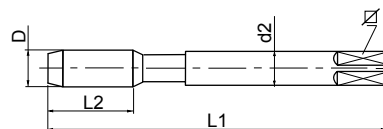
1465



DIN 352



DIN 352



DIN 352							1465	1465.1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		serie / set	finitore / 3 rd <i>serie / set</i> <i>Filettatura SINISTRA</i> <i>LEFT Hand</i>
n. 4	40	40	11	3,5	2,7	2,30		-
n. 5	40	40	11	3,5	2,7	2,60		-
n. 6	32	45	10	4,0	3,0	2,85		*
n. 8	32	45	11	4,5	3,4	3,50		*
n.10	24	50	13	6,0	4,9	3,90		*
n.12	24	56	15	6,0	4,9	4,50		*
1/4	20	56	16	6,0	4,9	5,10		*
5/16	18	63	19	6,0	4,9	6,60		*
3/8	16	70	22	7,0	5,5	8,00		*
7/16	14	70	22	8,0	6,2	9,40		*
1/2	13	75	28	9,0	7,0	10,75		*
9/16	12	80	30	11,0	9,0	12,20		*
5/8	11	80	30	12,0	9,0	13,50		*
3/4	10	95	34	14,0	11,0	16,50		*
7/8	9	100	34	18,0	14,5	19,50		*
1"	8	110	38	20,0	16,0	22,25		*
1 1/8	7	125	45	22,0	18,0	25,00	*	-
1 1/4	7	125	45	22,0	18,0	28,00	*	-
1 3/8	6	150	55	28,0	22,0	30,75	*	-
1 1/2	6	150	55	28,0	22	34,00	*	-
1 3/4	5	160	60	36,0	29	39,50	*	-
2"	4,5	180	65	40,0	32,0	45,00	*	-
* Prezzo e disponibilità a richiesta / Price and delivery time on demand								
Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3								

MASCHI A MACCHINA - MACHINE TAPS

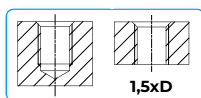
MASCHI A MACCHINA **HSSE M35 5%Co**
SCANALATURE DIRITTE - Imbocco "C"
 Filettatura ASME B1.1 a passo grosso **UNC - 2B**

MACHINE TAPS HSSE M35 5%Co
STRAIGHT FLUTES - Chamfer form "C"
ASME B1.1 Unified Coarse Thread UNC - 2B

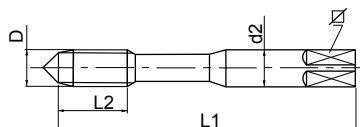
 **HSSE**



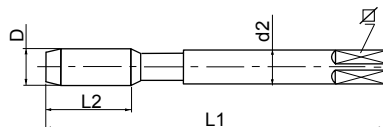
4563.0



DIN 371 $D \leq 1/4$ UNC



DIN 376 $D \geq 5/16$ UNC



DIN 371 / DIN 376							4563.0
D	filetti x 1" TPI	L ₁	L ₂	d ₂			
n. 6	32	56	11	4,0	3,0	2,85	
n. 8	32	63	13	4,5	3,4	3,50	
n. 10	24	70	13	6,0	4,9	3,90	
n. 12	24	80	16	6,0	4,9	4,50	
1/4	20	80	16	7,0	5,5	5,10	
5/16	18	90	18	6,0	4,9	6,60	
3/8	16	100	20	7,0	5,5	8,00	
7/16	14	100	20	8,0	6,2	9,40	
1/2	13	110	25	9,0	7,0	10,80	
9/16	12	110	28	11,0	9,0	12,20	
5/8	11	110	28	12,0	9,0	13,50	
3/4	10	125	32	14,0	11,0	16,50	
7/8	9	140	32	18,0	14,5	19,50	
1"	8	160	36	18,0	14,5	22,25	
Altre dimensioni su richiesta / Other dimensions on demand							
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C" - **per GHISA**

Filettatura ASME B1.1 a passo grosso UNC - **2BX**

Rivestimento TICN

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer form "C" - **for CAST IRON**

ASME B1.1 Unified Coarse Thread UNC - **2BX**

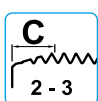
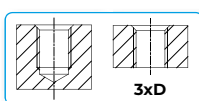
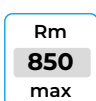
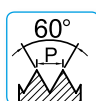
TICN coated



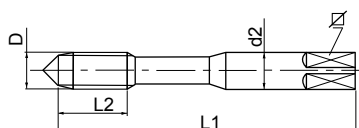
HSSE



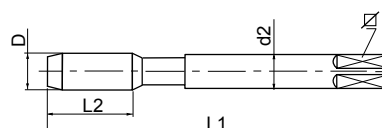
4563.2



DIN 371 D ≤ 1/4 UNC



DIN 376 D ≥ 5/16 UNC



DIN 371 / DIN 376							4563.2
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		
n. 6	32	56	11	4,0	3,0	2,85	
n. 8	32	63	13	4,5	3,4	3,50	
n. 10	24	70	13	6,0	4,9	3,90	
n. 12	24	80	16	6,0	4,9	4,50	
1/4	20	80	16	7,0	5,5	5,10	
5/16	18	90	18	6,0	4,9	6,60	
3/8	16	100	20	7,0	5,5	8,00	
7/16	14	100	20	8,0	6,2	9,40	
1/2	13	110	25	9,0	7,0	10,80	
9/16	12	110	28	11,0	9,0	12,20	
5/8	11	110	28	12,0	9,0	13,50	
3/4	10	125	32	14,0	11,0	16,50	
7/8	9	140	32	18,0	14,5	19,50	
1"	8	160	36	18,0	14,5	22,25	
Materiali / Application: G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 / P2 / S1							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura ASME B1.1 a passo grosso UNC - 2B

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ASME B1.1 Unified Coarse Thread UNC - 2B

 HSSE



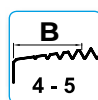
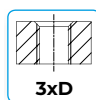
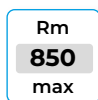
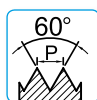
4563.1



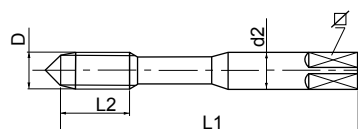
4563.V1



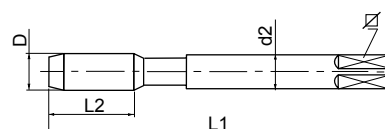
4563.T1



DIN 371 D ≤ 1/4 UNC



DIN 376 D ≥ 5/16 UNC



DIN 371 / DIN 376							4563.1	4563.V1	4563.T1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		nudi / naked	ST	TIN
n. 6	32	56	11	4,0	3,0	2,85			
n. 8	32	63	13	4,5	3,4	3,50			
n. 10	24	70	13	6,0	4,9	3,90			
n. 12	24	80	16	6,0	4,9	4,50			
1/4	20	80	16	7,0	5,5	5,10			
5/16	18	90	18	6,0	4,9	6,60			
3/8	16	100	20	7,0	5,5	8,00			
7/16	14	100	20	8,0	6,2	9,40			
1/2	13	110	25	9,0	7,0	10,80			
9/16	12	110	28	11,0	9,0	12,20			
5/8	11	110	28	12,0	9,0	13,50			
3/4	10	125	32	14,0	11,0	16,50			
7/8	9	140	32	18,0	14,5	19,50			
1"	8	160	36	18,0	14,5	22,25			
1 1/8"	7	180	22	22,0	18,0	25,00		-	-
1 1/4"	7	180	22	22,0	18,0	28,00		-	-
1 3/8"	6	20	28	28,0	22,0	30,75		-	-
1 1/2"	6	20	28	28,0	22,0	34,00		-	-
* 1 3/4"	5	220	36	36,0	29,0	39,50		-	-
* 2"	4,5	250	40	40,0	32,0	45,00		-	-
* Acciaio HSS / HSS steel									
Altre dimensioni su richiesta / Other dimensions on demand									
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2									
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1									
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura ASME B1.1 a passo grosso UNC - **2BX**

Universali - per INOX

MACHINE TAPS

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ASME B1.1 Unified Coarse Thread UNC - **2BX**

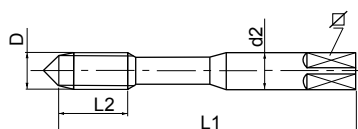
Universal use - for STAINLESS STEEL



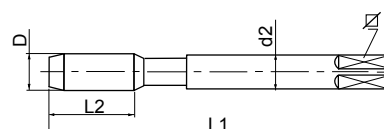
	HSS-Co-PM	Rm 1200 max	Universal		4563.U1
	HSSV	Rm 1000 max	INOX		4563.S1



DIN 371 D ≤ 3/8 UNC



DIN 376 D ≥ 7/16 UNC



DIN 371 / DIN 376							4563.U1	4563.S1
D	filetti x 1" TPI	L ₁	L ₂	d ₂			ASP30 + TX	HSSV + HPC
n. 4	40	56	5	3,5	2,7	2,35		-
n. 5	40	56	5	3,5	2,7	2,65		-
n. 6	32	56	11	4,0	3,0	2,85		
n. 8	32	63	13	4,5	3,4	3,50		
n. 10	24	70	13	6,0	4,9	3,90		
1/4	20	80	16	7,0	5,5	5,10		
5/16	18	90	18	8,0	6,2	6,60		
3/8	16	100	20	10,0	8,0	8,00		
7/16	14	100	20	8,0	6,2	9,40		
1/2	13	110	25	9,0	7,0	10,80		
9/16	12	110	28	11,0	9,0	12,20		
5/8	11	110	28	12,0	9,0	13,50		
3/4	10	125	32	14,0	11,0	16,50		
7/8	9	140	32	18,0	14,5	19,50		
1"	8	160	36	18,0	14,5	22,25		
Materiali / Application: 4563.U1: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2 4563.S1: A3 - A4 - A5 / X1 - X2 - X3 - X4								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA SINISTRA 15° - TAGLIO DESTRO** - Imbocco "D"

Filettatura ASME B1.1 a passo grosso UNC - **2BX**

Rivestimento TiCN per **TITANIO** e leghe

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - **LEFT HELIX 15° - RIGHT CUT** - Chamfer form "D"

ASME B1.1 Unified Coarse Thread UNC - **2BX**

TiCN coated for **TITANIUM** and alloys



 HSS-Co-PM



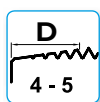
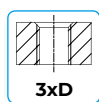
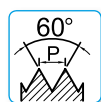
CRESTE ARROTONDATE
WITH ROUNDED CREST



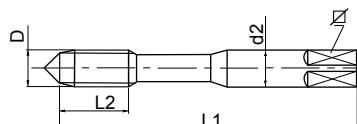
4563.XT1



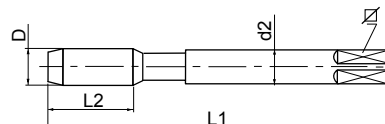
4563.XJT1



DIN 371 D ≤ 3/8 UNC



DIN 376 D ≥ 7/16 UNC



DIN 371 / DIN 376							4563.XT1	4563.XJT1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□	□		UNJC
n. 6	32	56	11	4,0	3,0	2,85		*
n. 8	32	63	13	4,5	3,4	3,50		*
n. 10	24	70	13	6,0	4,9	3,90		*
1/4	20	80	16	7,0	5,5	5,10		*
5/16	18	90	18	8,0	6,2	6,60		-
3/8	16	100	20	10,0	8,0	8,00		-
7/16	14	100	20	8,0	6,2	9,40		-
1/2	13	110	25	9,0	7,0	10,80		-
* Prezzo a richiesta / Price on demand								
Materiali / Application: A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura ASME B1.1 a passo grosso UNC - 2B

MACHINE TAPS **HSSE M35 5%Co**

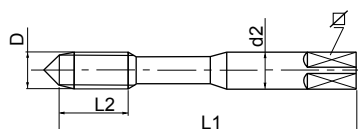
SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ASME B1.1 Unified Coarse Thread UNC - 2B

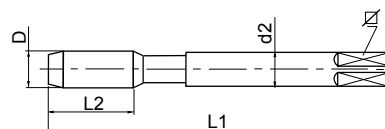
 HSSE



DIN 371 D ≤ 3/8 UNC



DIN 376 D ≥ 7/16 UNC



DIN 371 / DIN 376							4564.1	4564.T1
D	filetti x 1" TPI	L ₁	L ₂	d ₂			nudi / naked	TIN
n. 6	32	56	11	4,0	3,0	2,85		
n. 8	32	63	13	4,5	3,4	3,50		
n. 10	24	70	13	6,0	4,9	3,90		
n. 12	24	80	16	6,0	4,9	4,50		
1/4	20	80	16	7,0	5,5	5,10		
5/16	18	90	18	6,0	4,9	6,60		
3/8	16	100	20	7,0	5,5	8,00		
7/16	14	100	20	8,0	6,2	9,40		
1/2	13	110	25	9,0	7,0	10,80		
9/16	12	110	28	11,0	9,0	12,20		
5/8	11	110	28	12,0	9,0	13,50		
3/4	10	125	32	14,0	11,0	16,50		
7/8	9	140	32	18,0	14,5	19,50		
1"	8	160	36	18,0	14,5	22,25		
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura ASME B1.1 a passo grosso UNC - **2BX**

Rivestimento TiCN per **TITANIO** e leghe

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ASME B1.1 Unified Coarse Thread UNC - **2BX**

TiCN coated for **TITANIUM** and alloys



HSS-Co-PM



CRESTE ARROTONDATE
WITH ROUNDED CREST



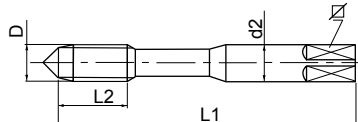
4564.XT1



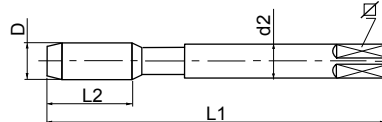
4564.XJT1



DIN 371 D ≤ 3/8 UNC



DIN 376 D ≥ 7/16 UNC



DIN 371 / DIN 376							4564.XT1	4564.XJT1
D	filetti x 1" TPI	L ₁	L ₂	d ₂				UNJC
n. 6	32	56	11	4,0	3,0	2,85		*
n. 8	32	63	13	4,5	3,4	3,50		*
n. 10	24	70	13	6,0	4,9	3,90		*
1/4	20	80	16	7,0	5,5	5,10		*
5/16	18	90	18	8,0	6,2	6,60		-
3/8	16	100	20	10,0	8,0	8,00		-
7/16	14	100	20	8,0	6,2	9,40		-
1/2	13	110	25	9,0	7,0	10,80		-
5/8	11	110	28	12,0	9,0	13,50		-
3/4	10	125	32	14,0	11,0	16,50		-
* Prezzo a richiesta / Price on demand								
Materiali / Application: A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura ASME B1.1 a passo grosso UNC - 2B

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ASME B1.1 Unified Coarse Thread UNC - 2B

 HSSE



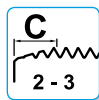
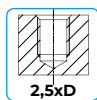
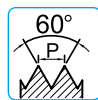
4564.3



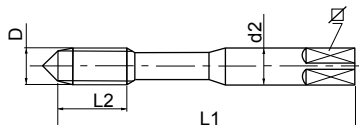
4564.V3



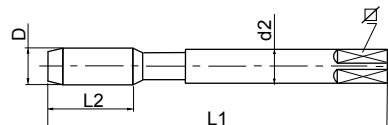
4564.T3



DIN 371 D ≤ 3/8 UNC



DIN 376 D ≥ 7/16 UNC



DIN 371 / DIN 376							4564.3	4564.V3	4564.T3
D	filetti x 1" TPI	L ₁	L ₂	d ₂			nudi / naked	ST	TIN
n. 6	32	56	7	4,0	3,0	2,85			
n. 8	32	63	7	4,5	3,4	3,50			
n. 10	24	70	8	6,0	4,9	3,90			
n. 12	24	80	10	6,0	4,9	4,50			
1/4	20	80	10	7,0	5,5	5,10			
5/16	18	90	13	8,0	6,2	6,60			
3/8	16	100	15	10,0	8,0	8,00			
7/16	14	100	15	8,0	6,2	9,40			
1/2	13	110	18	9,0	7,0	10,80			
9/16	12	110	20	11,0	9,0	12,20			
5/8	11	110	20	12,0	9,0	13,50			
3/4	10	125	25	14,0	11,0	16,50			
7/8	9	140	25	18,0	14,5	19,50			
1"	8	160	30	18,0	14,5	22,25			
1 1/8"	7	180	35	22,0	18,0	25,00		-	-
1 1/4"	7	180	35	22,0	18,0	28,00		-	-
1 3/8"	6	20	40	28,0	22,0	30,75		-	-
1 1/2"	6	20	40	28,0	22,0	34,00		-	-
Altre dimensioni su richiesta / Other dimensions on demand									
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2									
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1									
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA

SCANALATURE ELICOIDALI - **ELICA DESTRA 45° / 48°** - Imbocco "C"

Filettatura ASME B1.1 a passo grosso UNC - **2BX**

MASCHIATURA RIGIDA SINCRONIZZATA

Universali - per INOX

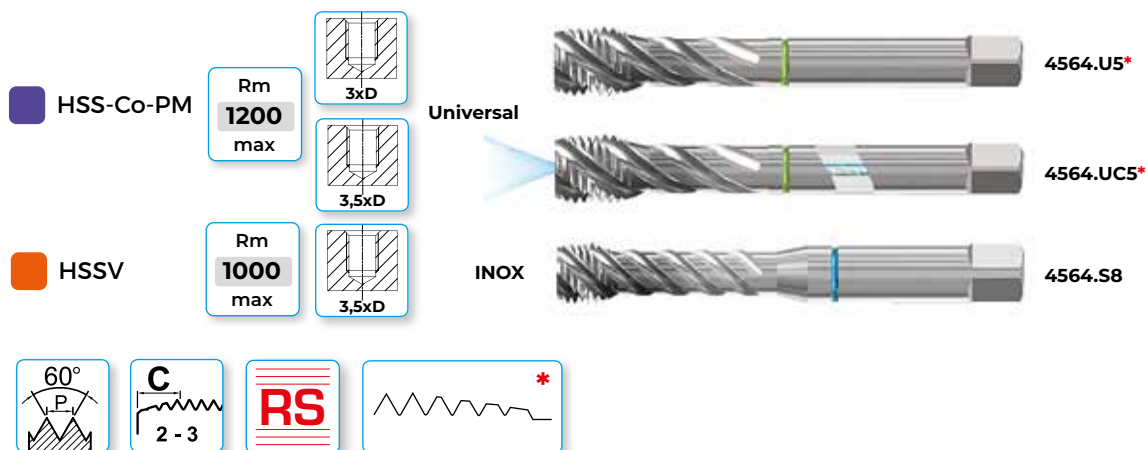
MACHINE TAPS

SPIRAL FLUTES - **RIGHT HELIX 45° / 48°** - Chamfer form "C"

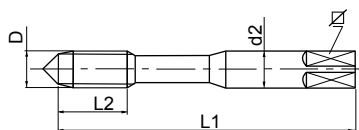
ASME B1.1 Unified Coarse Thread UNC - **2BX**

RIGID TAPPING SYNCHRO

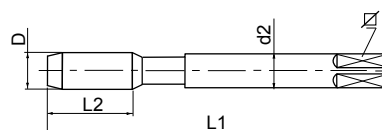
Universal use - for STAINLESS STEEL



DIN 371 D ≤ 3/8 UNC



DIN 376 D ≥ 7/16 UNC



DIN 371 / DIN 376							4564.U5	4564.UC5	4564.S8
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□	□	ASP30 + TX	ASP30 + TX	HSSV + HPC
n. 4	40	56	5	3,5	2,7	2,35		-	-
n. 5	40	56	5	3,5	2,7	2,65		-	-
n. 6	32	56	7	4,0	3,0	2,85		-	
n. 8	32	63	7	4,5	3,4	3,50		-	
n. 10	24	70	8	6,0	4,9	3,90		-	
1/4	20	80	10	7,0	5,5	5,10			
5/16	18	90	13	8,0	6,2	6,60			
3/8	16	100	15	10,0	8,0	8,00			
7/16	14	100	15	8,0	6,2	9,40			
1/2	13	110	18	9,0	7,0	10,80			
9/16	12	110	20	11,0	9,0	12,20			
5/8	11	110	20	12,0	9,0	13,50			
3/4	10	125	25	14,0	11,0	16,50			
7/8	9	140	25	18,0	14,5	19,50			
1"	8	160	30	18,0	14,5	22,25			
Materiali / Application: 4564.U5: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2 4564.UC5: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R3 4564.S : A3 - A4 - A5 / X1 - X2 - X3 - X4									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-8%**

Filettatura ASME B1.1 a passo grosso **UNC - 2BX**

Con canalini laterali di lubrificazione - Imbocco "C"

Rivestimento TiN

COLD FORMING MACHINE TAPS **HSS-Co-8%**

ASME B1.1 Unified Coarse Thread **UNC - 2BX**

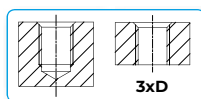
With lateral lubrication little flutes - Chamfer form "C"

TiN coated

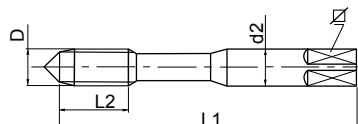
 **HSS-Co-8%**



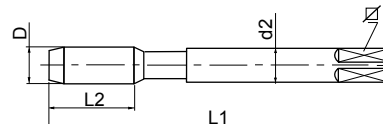
4567.T



DIN 371 D ≤ 3/8 UNC



DIN 376 D ≥ 7/16 UNC



DIN 371 / DIN 376							4567.T
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		
n. 6	32	56	11	4,0	3,0	3,15	
n. 8	32	63	13	4,5	3,4	3,80	
n. 10	24	70	13	6,0	4,9	4,30	
n. 12	24	80	16	6,0	4,9	5,00	
1/4	20	80	16	7,0	5,5	5,75	
5/16	18	90	18	8,0	6,2	7,25	
3/8	16	100	20	10,0	8,0	8,75	
7/16	14	100	20	8,0	6,2	10,30	
1/2	13	110	25	9,0	7,0	11,80	
9/16	12	110	28	11,0	9,0	13,30	
5/8	11	110	28	12,0	9,0	14,80	
3/4	10	125	32	14,0	11,0	17,9	
Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / AM1 - AM2 - AM3 / R1 - R2							

RIEPILOGO PREFORI DI MASCHIATURA UNC E DIAMETRI DEL MASCHIO

SUMMARY OF TAPPING PRE-HOLES UNC AND TAP DIAMETERS

Maschi a tagliare - *Cutting taps*

UNC	filetti x 1"		Ø esterno nominale	Ø medio - <i>medium</i> Ø 6H	
	TPI		<i>nominal external</i> Ø	min	max
Nr. 1	64	1,55	1,854	1,611	1,626
Nr. 2	56	1,85	2,184	1,904	1,919
Nr. 3	48	2,10	2,515	2,186	2,201
Nr. 4	40	2,35	2,845	2,447	2,462
Nr. 5	40	2,65	3,175	2,777	2,792
Nr. 6	32	2,85	3,505	3,009	3,029
Nr. 8	32	3,50	4,166	3,670	3,690
Nr. 10	24	3,90	4,826	4,158	4,178
Nr. 12	24	4,50	5,486	4,818	4,838
1/4	20	5,10	6,350	5,570	5,590
5/16	18	6,60	7,938	7,060	7,086
3/8	16	8,00	9,525	8,538	8,558
7/16	14	9,40	11,112	9,979	9,999
1/2	13	10,75	12,700	11,475	11,495
9/16	12	12,20	14,288	12,957	12,977
5/8	11	13,50	15,875	14,425	14,445
3/4	10	16,50	19,050	17,450	17,470
7/8	9	19,50	22,225	20,452	20,472
1"	8	22,25	25,400	23,397	23,417
1 1/8	7	25,00	28,575	26,292	26,317
1 1/4	7	28,00	31,750	29,467	29,492
1 3/8	6	30,75	34,925	32,249	32,274
1 1/2	6	34,00	38,100	35,424	35,449
1 3/4	5	39,50	44,450	41,240	41,270
2"	5	45,00	50,800	47,223	47,253
2 1/4	5			53,583	53,603
2 1/2	4			59,475	59,495
2 3/4	4			65,826	65,846
3"	4			72,176	72,196

Maschi a rullare - *Cold forming taps*

UNC	filetti x 1"		Tolleranza
	TPI		<i>Tolerance</i>
Nr. 6	32	3,15	± 0,03
Nr. 8	32	3,80	± 0,03
Nr. 10	24	4,30	± 0,05
Nr. 12	24	5,00	± 0,05
1/4	20	5,75	± 0,05
5/16	18	7,25	± 0,05
3/8	16	8,75	± 0,05
7/16	14	10,30	± 0,05
1/2	13	11,80	± 0,05
9/16	12	13,30	± 0,05
5/8	11	14,80	± 0,05
3/4	10	17,90	± 0,05
7/8	9	21,00	± 0,05
1"	8	24,00	± 0,05

NOTE - NOTES

[illegible]



UNF

Filettatura ASME B1.1 a passo fine UNF - 2B
ASME B1.1 Unified Fine Thread UNF - 2B

MASCHI A MANO - HAND TAPS

MASCHI A MANO in serie di 2 pezzi HSS M2
Filettatura ASME B1.1 a passo fine UNF - 2B

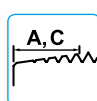
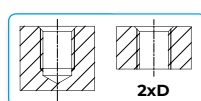
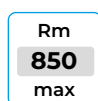
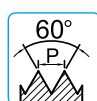


HAND TAPS set of 2 HSS M2
ASME B1.1 Unified Fine Thread UNF - 2B

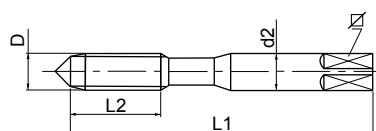
HSS



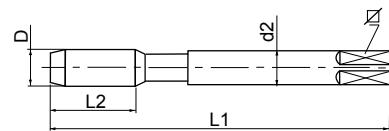
1475



DIN 2181



DIN 2181



DIN 2181							1475	1475.1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		serie / set	serie / set Filettatura SINISTRA LEFT Hand
n. 4	48	40	11	3,5	2,7	2,40		-
n. 5	44	40	11	3,5	2,7	2,70		-
n. 6	40	45	10	4,0	3,0	2,95		-
n. 8	36	45	11	4,5	3,4	3,50		-
n.10	32	50	13	6,0	4,9	4,10		*
n.12	28	56	15	6,0	4,9	4,60		-
1/4	28	56	15	6,0	4,9	5,50		*
5/16	24	63	19	6,0	4,9	6,90		*
3/8	24	63	19	7,0	5,5	8,50		*
7/16	20	70	22	8,0	6,2	9,90		*
1/2	20	70	22	9,0	7,0	11,50		*
9/16	18	70	22	11,0	9,0	12,90		*
5/8	18	70	22	12,0	9,0	14,50		*
3/4	16	80	22	14,0	11,0	17,50		*
7/8	14	80	22	18,0	14,5	20,40		*
1"	12	90	22	18,0	14,5	23,25		*
1 1/8	12	90	22	22,0	18,0	26,50	*	-
1 1/4	12	90	22	22,0	18,0	29,50	*	-
1 3/8	12	125	30	28,0	22,0	32,75	*	-
1 1/2	12	125	30	28,0	22,0	36,00	*	-

* Prezzo e disponibilità a richiesta / Price and delivery time on demand

Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3

MASCHI A MACCHINA - MACHINE TAPS

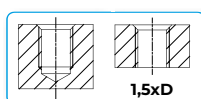
MASCHI A MACCHINA **HSSE M35 5%Co**
SCANALATURE DIRITTE - Imbocco "C"
 Filettatura ASME B1.1 a passo fine UNF - 2B

MACHINE TAPS **HSSE M35 5%Co**
STRAIGHT FLUTES - Chamfer form "C"
 ASME B1.1 Unified Fine Thread UNF - 2B

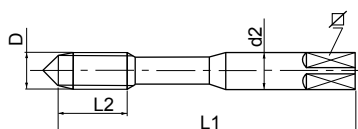
 **HSSE**



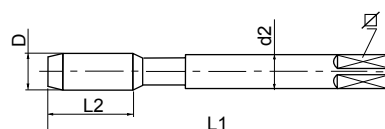
4573.0



DIN 371 $D \leq 1/4$ UNF



DIN 374 $D \geq 5/16$ UNF



DIN 371 / DIN 374							4573.0
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		
n. 6	40	56	11	4,0	3,0	2,95	
n. 8	36	63	13	4,5	3,4	3,50	
n. 10	32	70	13	6,0	4,9	4,10	
n. 12	28	80	16	6,0	4,9	4,60	
1/4	28	80	16	7,0	5,5	5,50	
5/16	24	90	18	6,0	4,9	6,90	
3/8	24	90	15	7,0	5,5	8,50	
7/16	20	100	20	8,0	6,2	9,90	
1/2	20	100	20	9,0	7,0	11,50	
9/16	18	100	22	11,0	9,0	12,90	
5/8	18	100	22	12,0	9,0	14,50	
3/4	16	110	25	14,0	11,0	17,50	
7/8	14	125	25	18,0	14,5	20,40	
1"	12	140	28	18,0	14,5	23,25	
Altre dimensioni su richiesta / Other dimensions on demand							
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C" - **per GHISA**

Filettatura ASME B1.1 a passo fine UNF - **2BX**

Rivestimento TICN

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer form "C" - **for CAST IRON**

ASME B1.1 Unified Fine Thread UNF - **2BX**

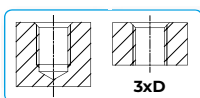
TICN coated



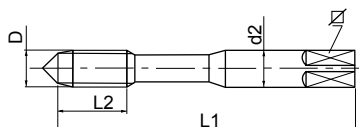
HSSE



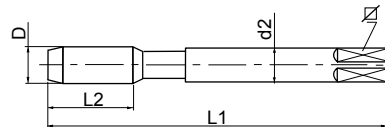
4573.2



DIN 371 D ≤ 1/4 UNF



DIN 374 D ≥ 5/16 UNF



DIN 371 / DIN 374							4573.2
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		TICN
n. 6	40	56	11	4,0	3,0	2,95	
n. 8	36	63	13	4,5	3,4	3,50	
n. 10	32	70	13	6,0	4,9	4,10	
n. 12	28	80	16	6,0	4,9	4,60	
1/4	28	80	16	7,0	5,5	5,50	
5/16	24	90	18	6,0	4,9	6,90	
3/8	24	90	15	7,0	5,5	8,50	
7/16	20	100	20	8,0	6,2	9,90	
1/2	20	100	20	9,0	7,0	11,50	
9/16	18	100	22	11,0	9,0	12,90	
5/8	18	100	22	12,0	9,0	14,50	
3/4	16	110	25	14,0	11,0	17,50	
7/8	14	125	25	18,0	14,5	20,40	
1"	12	140	36	18,0	14,5	23,25	
Materiali / Application: G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 / P2 / S1							

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura ASME B1.1 a passo fine UNF - 2B

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ASME B1.1 Unified Fine Thread UNF - 2B

 HSSE



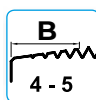
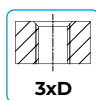
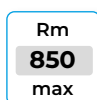
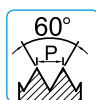
4573.1



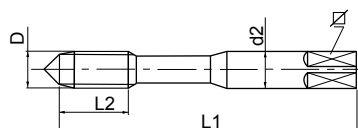
4573.V1



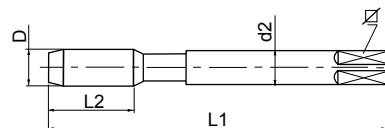
4573.T1



DIN 371 D ≤ 1/4 UNF



DIN 374 D ≥ 5/16 UNF



DIN 371 / DIN 374							4573.1	4573.V1	4573.T1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		nudi / naked	ST	TIN
n. 6	40	56	11	4,0	3,0	2,95			
n. 8	36	63	13	4,5	3,4	3,50			
n. 10	32	70	13	6,0	4,9	4,10			
n. 12	28	80	16	6,0	4,9	4,60			
1/4	28	80	16	7,0	5,5	5,50			
5/16	24	90	18	6,0	4,9	6,90			
3/8	24	90	15	7,0	5,5	8,50			
7/16	20	100	20	8,0	6,2	9,90			
1/2	20	100	20	9,0	7,0	11,50			
9/16	18	100	22	11,0	9,0	12,90			
5/8	18	100	22	12,0	9,0	14,50			
3/4	16	110	25	14,0	11,0	17,50			
7/8	14	125	25	18,0	14,5	20,40			
1"	12	140	28	18,0	14,5	23,25			
Altre dimensioni su richiesta / Other dimensions on demand									
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2									
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1									
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura ASME B1.1 a passo fine UNF - **2BX**

Universali - per INOX

MACHINE TAPS

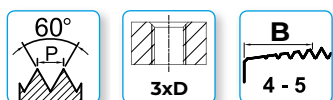
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ASME B1.1 Unified Fine Thread UNF - **2BX**

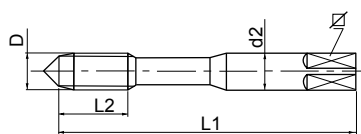
Universal use - for STAINLESS STEEL



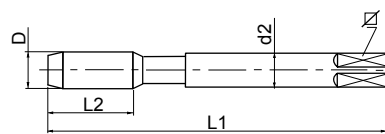
HSS-Co-PM	Rm 1200 max	Universal		4573.U1
HSSV	Rm 1000 max	INOX		4573.S1



DIN 371 D ≤ 1/4 UNF



DIN 374 D ≥ 5/16 UNF



DIN 371 / DIN 374							4573.U1	4573.S1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		ASP30 + TX	HSSV + HPC
n. 6	40	56	11	4,0	3,0	2,95		
n. 8	36	63	13	4,5	3,4	3,50		
n. 10	32	70	13	6,0	4,9	4,10		
1/4	28	80	16	7,0	5,5	5,50		
5/16	24	90	18	6,0	4,9	6,90		
3/8	24	90	15	7,0	5,5	8,50		
7/16	20	100	20	8,0	6,2	9,90		
1/2	20	100	20	9,0	7,0	11,50		
9/16	18	100	22	11,0	9,0	12,90		
5/8	18	100	22	12,0	9,0	14,50		
3/4	16	110	25	14,0	11,0	17,50		
7/8	14	125	25	18,0	14,5	20,40		
1"	12	140	28	18,0	14,5	23,25		
Materiali / Application: 4573.U1: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2								
4573.S1: A3 - A4 - A5 / X1 - X2 - X3 - X4								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - **ELICA SINISTRA 15° - TAGLIO DESTRO** - Imbocco "D"

Filettatura ASME B1.1 a passo fine **UNF - 2BX**

Rivestimento TiCN per **TITANIO** e leghe

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - **LEFT HELIX 15° - RIGHT CUT** - Chamfer form "D"

ASME B1.1 Unified Fine Thread **UNF - 2BX**

TiCN coated for **TITANIUM** and alloys



 HSS-Co-PM



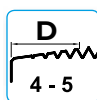
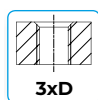
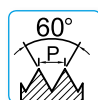
4573.XT1



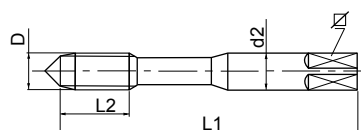
CRESTE ARROTONDATE
WITH ROUNDED CREST



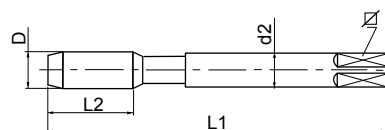
4573.XJT1



DIN 371 D ≤ 3/8 UNF



DIN 374 D ≥ 7/16 UNF



DIN 371 / DIN 374							4573.XT1	4573.XJT1
D	filetti x 1" TPI	L ₁	L ₂	d ₂				UNJF
n. 6	40	56	11	4,0	3,0	2,95		-
n. 8	36	63	13	4,5	3,4	3,50		-
n. 10	32	70	13	6,0	4,9	4,10		*
1/4	28	80	16	7,0	5,5	5,50		*
5/16	24	90	18	8,0	6,2	6,90		*
3/8	24	100	20	10,0	8,0	8,50		*
7/16	20	100	20	8,0	6,2	9,90		-
1/2	20	100	20	9,0	7,0	11,50		-
Materiali / Application: A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2								
* Prezzo a richiesta / Price on demand								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura ASME B1.1 a passo fine UNF - 2B

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ASME B1.1 Unified Fine Thread UNF- 2B

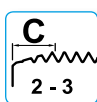
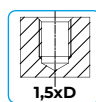
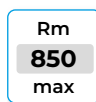
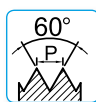
 HSSE



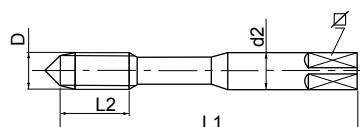
4574.1



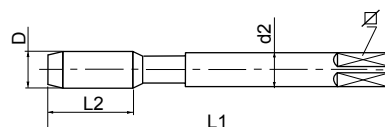
4574.T1



DIN 371 D ≤ 12/28 UNF



DIN 374 D ≥ 1/4 UNF



DIN 371 / DIN 374							4574.1	4574.T1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		nudi / naked	TIN
n. 6	40	56	11	4,0	3,0	2,95		
n. 8	36	63	13	4,5	3,4	3,50		
n. 10	32	70	13	6,0	4,9	4,10		
n. 12	28	80	16	6,0	4,9	4,60		
1/4	28	80	16	4,5	3,4	5,50		
5/16	24	90	18	6,0	4,9	6,90		
3/8	24	90	20	7,0	5,5	8,50		
7/16	20	100	20	8,0	6,2	9,90		
1/2	20	100	22	9,0	7,0	11,50		
9/16	18	100	22	11,0	9,0	12,90		
5/8	18	100	25	12,0	9,0	14,50		
3/4	16	110	25	14,0	11,0	17,50		
7/8	14	125	25	18,0	14,5	20,40		
1"	12	140	28	18,0	14,5	23,25		
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2								
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSS-Co-PM**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura ASME B1.1 a passo fine UNF - **2BX**

Rivestimento TiCN per **TITANIO** e leghe

MACHINE TAPS **HSS-Co-PM**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ASME B1.1 Unified Fine Thread UNF - **2BX**

TiCN coated for **TITANIUM** and alloys



 HSS-Co-PM



4574.XT1



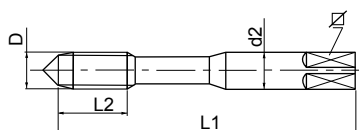
CRESTE ARROTONDATE
WITH ROUNDED CREST



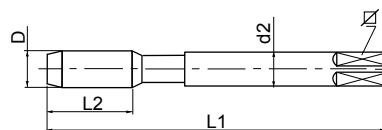
4574.XJT1



DIN 371 D ≤ 3/8 UNF



DIN 374 D ≥ 7/16 UNF



DIN 371 / DIN 374							4574.XT1	4574.XJT1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□			UNJF
n. 6	40	56	7	4,0	3,0	2,95		-
n. 8	36	63	7	4,5	3,4	3,50		-
n. 10	32	70	8	6,0	4,9	4,10		*
1/4	28	80	16	7,0	5,5	5,50		*
5/16	24	90	18	8,0	6,2	6,90		*
3/8	24	100	20	10,0	8,0	8,50		*
7/16	20	100	15	8,0	6,2	9,90		-
1/2	20	100	13	9,0	7,0	11,50		-
Materiali / Application: A6 / X4 / G3 - G4 / AM4 / R3 - R4 / T2 - T3 / N2 / S2								
* Prezzo a richiesta / Price on demand								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura ASME B1.1 a passo fine UNF - 2B

MACHINE TAPS **HSSE M35 5%Co**

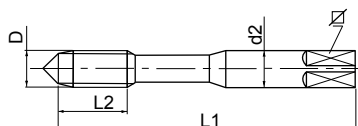
SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ASME B1.1 Unified Fine Thread UNF - 2B

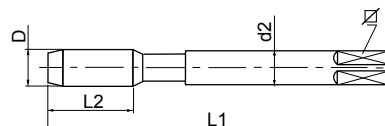
 HSSE



DIN 371 D ≤ 1/4 UNF



DIN 374 D ≥ 5/16 UNF



DIN 371 / DIN 374							4574.3	4574.V3	4574.T3
D	filetti x 1" TPI	L ₁	L ₂	d ₂	∠		nudi / naked	ST	TIN
n. 6	40	56	7	4,0	3,0	2,95			
n. 8	36	63	7	4,5	3,4	3,50			
n. 10	32	70	8	6,0	4,9	4,10			
n. 12	28	80	10	6,0	4,9	4,60			
1/4	28	80	10	7,0	5,5	5,50			
5/16	24	90	13	6,0	4,9	6,90			
3/8	24	90	15	7,0	5,5	8,50			
7/16	20	100	15	8,0	6,2	9,90			
1/2	20	100	13	9,0	7,0	11,50			
9/16	18	100	15	11,0	9,0	12,90			
5/8	18	100	15	12,0	9,0	14,50			
3/4	16	110	17	14,0	11,0	17,50			
7/8	14	125	18	18,0	14,5	20,40			
1"	12	140	22	18,0	14,5	23,25			
Altre dimensioni su richiesta / Other dimensions on demand									
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2									
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1									
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA

SCANALATURE ELICOIDALI - **ELICA DESTRA 45° / 48°** - Imbocco "C"

Filettatura ASME B1.1 a passo fine UNF - **2BX**

MASCHIATURA RIGIDA SINCRONIZZATA

Universali - per INOX

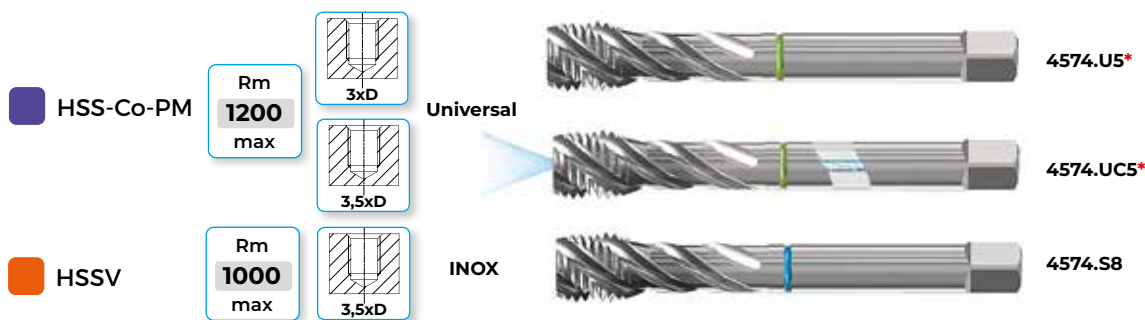
MACHINE TAPS

SPIRAL FLUTES - **RIGHT HELIX 45° / 48°** - Chamfer form "C"

ASME B1.1 Unified Fine Thread UNF - **2BX**

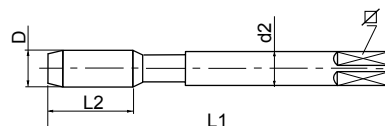
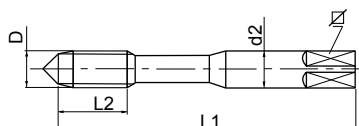
RIGID TAPPING SYNCHRO

Universal use - for stainless steel



DIN 371 D ≤ 1/4 UNF

DIN 374 D ≥ 5/16 UNF



DIN 371 / DIN 374							4574.U5	4574.UC5	4574.S8
D	filetti x 1" TPI	L ₁	L ₂	d ₂	∠		ASP30 + TX	ASP30 + TX	HSSV + HPC
n. 6	40	56	7	4,0	3,0	2,95		-	
n. 8	36	63	7	4,5	3,4	3,50		-	
n. 10	32	70	8	6,0	4,9	4,10		-	
1/4	28	80	10	7,0	5,5	5,50			
5/16	24	90	13	6,0	4,9	6,90			
3/8	24	90	15	7,0	5,5	8,50			
7/16	20	100	15	8,0	6,2	9,90			
1/2	20	100	13	9,0	7,0	11,50			
9/16	18	100	15	11,0	9,0	12,90			
5/8	18	100	15	12,0	9,0	14,50		*	
3/4	16	110	17	14,0	11,0	17,50		*	
7/8	14	125	18	18,0	14,5	20,40		*	
1"	12	140	22	18,0	14,5	23,25		*	

* Su richiesta / On demand

Materiali / Application: 4574.U5: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2
 4574.UC5: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R3
 4574.S8: A3 - A4 - A5 / X1 - X2 - X3 - X4

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE **HSS-Co-8%**

Filettatura ASME B1.1 a passo fine UNF - **2BX**

Con canalini laterali di lubrificazione - Imbocco "C"

Rivestimento TIN

COLD FORMING MACHINE TAPS **HSS-Co-8%**

ASME B1.1 Unified Fine Thread UNF - **2BX**

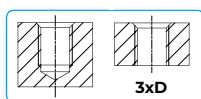
Whit lateral lubrication little flutes - Chamfer form "C"

TIN coated

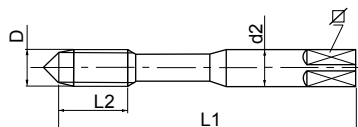
 HSS-Co-8%



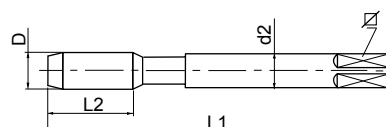
4577.T



DIN 371 D ≤ 3/8 UNF



DIN 374 D ≥ 7/16 UNF



DIN 371 / DIN 374							4577.T
D	filetti x 1" TPI	L ₁	L ₂	d ₂			
n. 6	40	56	11	4,0	3,0	3,20	
n. 8	36	63	13	4,5	3,4	3,85	
n. 10	32	70	13	6,0	4,9	4,45	
1/4	28	80	16	7,0	5,5	5,90	
5/16	24	90	18	8,0	6,2	7,45	
3/8	24	90	15	10,0	8,0	9,00	
7/16	20	100	20	8,0	6,2	10,50	
1/2	20	100	20	9,0	7,0	12,10	
9/16	18	100	22	11,0	9,0	13,70	
3/4	16	110	25	14,0	11,0	18,40	
1"	12	140	28	18,0	14,5	24,45	
Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / AM1 - AM2 - AM3 / R1 - R2							

RIEPILOGO PREFORI DI MASCHIATURA UNF E DIAMETRI DEL MASCHIO

SUMMARY OF TAPPING PRE-HOLES UNF AND TAP DIAMETERS

Maschi a tagliare - *Cutting taps*

UNF	filetti x 1"		Ø esterno nominale	Ø medio - <i>medium</i> Ø 6H	
	TPI		<i>nominal external</i> Ø	min	max
Nr. 0	80	1,25	1,524	1,333	1,348
Nr. 1	72	1,55	1,854	1,640	1,655
Nr. 2	64	1,85	2,184	1,941	1,956
Nr. 3	56	2,15	2,515	2,235	2,250
Nr. 4	48	2,40	2,845	2,516	2,531
Nr. 5	44	2,70	3,175	2,815	2,830
Nr. 6	40	2,95	3,505	3,107	3,122
Nr. 8	36	3,50	4,166	3,727	3,747
Nr. 10	32	4,10	4,826	4,330	4,350
Nr. 12	28	4,60	5,486	4,916	4,936
1/4	28	5,50	6,350	5,800	5,820
5/16	24	6,90	7,938	7,290	7,310
3/8	24	8,50	9,525	8,877	8,897
7/16	20	9,90	11,112	10,333	10,353
1/2	20	11,50	12,700	11,920	11,940
9/16	18	12,90	14,288	13,416	13,436
5/8	18	14,50	15,875	15,004	15,024
3/4	16	17,50	19,050	18,064	18,084
7/8	14	20,40	22,225	21,097	21,127
1"	12	23,25	25,400	24,075	24,105
1"1/8	12	26,50	28,575	27,250	27,280
1"1/4	12	29,50	31,750	30,425	30,455
1"3/8	12	32,75	34,925	33,600	33,630
1"1/2	12	36,00	38,100	36,775	36,805

Maschi a rullare - *Cold forming taps*

UNF	filetti x 1"		Tolleranza
	TPI		<i>Tolerance</i>
Nr. 6	40	3,20	± 0,03
Nr. 8	36	3,85	± 0,03
Nr. 10	32	4,45	± 0,03
Nr. 12	28	5,05	± 0,05
1/4	28	5,90	± 0,05
5/16	24	7,45	± 0,05
3/8	24	9,00	± 0,05
7/16	20	10,50	± 0,05
1/2	20	12,10	± 0,05
9/16	18	13,70	± 0,05
5/8	18	15,25	± 0,05
3/4	16	18,40	± 0,05
7/8	14	21,40	± 0,05
1"	12	24,45	± 0,05
1"1/8	12	27,6	± 0,05
1"1/4	12	30,8	± 0,05
1"3/8	12	34	± 0,05
1"1/2	12	37,15	± 0,05

NOTE - NOTES

[illegible]



UN

Filettatura ASME B1.1 UN - 2B
ASME B1.1 UN - 2B

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

Imbocco "C"

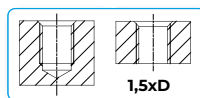
Filettatura ASME B1.1 **8-UN** - 2B

MACHINE TAPS **HSSE M35 5%Co**

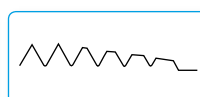
Chamfer form "C"

ASME B1.1 **8-UN** - 2B

 HSSE



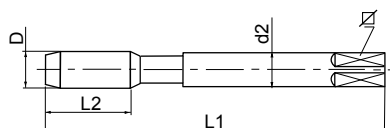
4583.0.8



4584.3.8



DIN 2184/1



DIN 2184/1							4583.0.8	4584.3.8
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		Tagli diritti Straight flutes	Elica 40° Helix 40°
1"1/8	8	180	40	22,0	18,0	25,40		
1"1/4	8	180	40	22,0	18,0	28,60		
1"3/8	8	200	50	28,0	22,0	31,75		
1"1/2	8	200	50	28,0	22,0	34,90		
1"5/8	8	200	50	32,0	24,0	38,10		
*1"3/4	8	200	50	36,0	29,0	41,30		
*1"7/8	8	225	60	36,0	29,0	44,45		
*2"	8	225	60	40,0	32,0	47,60		
*2"1/4	8	250	65	45,0	35,0	54,00		
*2"1/2	8	275	70	50,0	39,0	60,30		
* Acciaio HSS / HSS Steel								
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

Filettatura ASME B1.1 **12-UN / 16-UN / 20-UN** - 2B

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer form "C"

ASME B1.1 **12-UN / 16-UN / 20-UN** - 2B

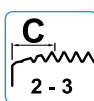
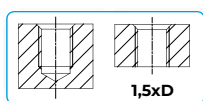
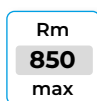
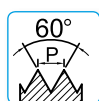
 **HSSE**



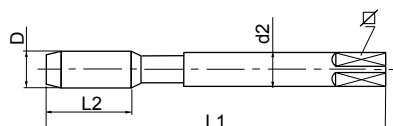
4583.0.12

4583.0.16

4583.0.20



NORMA DI FABBRICA / FIUM NORM



NORMA DI FABBRICA						4583.0.12	4583.0.16	4583.0.20		
D	L ₁	L ₂	d ₂	∠		12 filetti per 1" 12 TPI		16 filetti per 1" 16 TPI		20 filetti per 1" 20 TPI
3/8	100	20	7,0	5,5	-		-		8,30	*
5/8	100	22	12,0	9,0	-		-		14,60	*
7/8	125	25	18,0	14,5	20,10		-		-	
1"	140	28	18,0	14,5	-		23,80	*	-	
1"1/16	140	25	20,0	16,0	24,90		-		25,70	*
1"1/8	150	28	22,0	18,0			27,00	*	27,30	*
1"3/16	150	28	22,0	18,0	28,00		-		-	
1"1/4	150	28	22,0	18,0	-		30,15	*	30,50	*
1"5/16	170	30	28,0	22,0	31,20		-		-	
1"3/8	170	30	28,0	22,0	-		-		33,70	*
1"1/2	170	30	28,0	22,0	-		36,50	*	-	
1"5/8	170	30	32,0	24,0	39,20		-		-	
* Prezzi a richiesta / Price on demand										
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2										

FILETTATURE AMERICANE AMERICAN UNIFIED THREAD

PASSO - PITCH

	8	9	10	11	12	13	14	16	18	20	24	27	28	32	36	40	44	48	56	60	64	72	80
0																							UNF
1																					UNC	UNF	
2																			UNC		UNF		
3																		UNC	UNF				
4																UNC		UNF					
5																UNC	UNF						
6														UNC		UNF							
9/64														UNC	UNF								
8														UNC	UNF								
11/64																							
10											UNC			UNF		UNS		UNS	UNS				
12											UNC		UNF	UNEF	UNS								
15/64																							
1/4										UNC	UNS		UNF	UNEF	UNS	UNS			UNS				
9/32																							
5/16								UNC		UNF				UNEF		UNS							
3/8							UNC	UNS	UN20	UNF	UNS	UN28	UNEF		UNS								
7/16							UNC			UNF	UNS	UNS	UNEF	UN32									
1/2						UNC				UNF	UNS	UNS	UNEF	UN32									
9/16					UNC				UNF		UNEF												
5/8				UNC				UN16	UNF	UN20	UNEF	UNS	UN28										
11/16								UN16	UNS		UNEF												
3/4			UNC					UNF	UNS	UNEF		UNS	UN28										
13/16								UN16		UNEF													
7/8		UNC			UN12		UNF	UN16	UNS	UNEF	UNS												
15/16								UN16	UNS														
1"	UNC				UNF		UNS	UN16	UNS	UNEF	UNS			UN32									
1 1/16					UN12			UN16	UNEF	UN20													
1 1/8	UN8				UNF			UN16	UNEF	UN20													
1 3/16	UN8				UN12			UN16	UNEF														
1 1/4	UN8				UNF		UNS	UN16	UNEF	UN20													
1 5/16					UN12		UNS	UN16															
1 3/8	UN8				UNF				UNEF	UN20													
1 7/16					UN12				UNEF														
1 1/2	UN8				UNF			UN16	UNEF														
1 9/16																							
1 5/8	UN8				UN12																		
1 11/16																							
1 3/4	UN8				UN12																		
1 13/16																							
1 7/8	UN8				UN12					UN20													
1 15/16																							
2"	UN8				UN12			UN16															
2 1/8																							
2 1/4	UN8																						
2 3/8																							
2 1/2	UN8				UN12																		
2 3/4																							
2 7/8	UN8																						
3"	UN8																						



G - Rp

Filettatura ISO 228/1 – GAS cilindrica BSP
ISO 228/1 – Whitworth pipe thread BSP

G

Rp

MASCHI A MANO - HAND TAPS

MASCHI A MANO in serie di 2 pezzi **HSS M2**
Filettatura ISO 228/1 – GAS cilindrica BSP

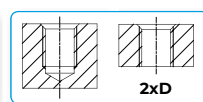
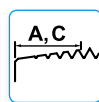
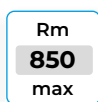
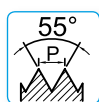
ops

HAND TAPS set of 2 HSS M2
ISO 228/1 – Whitworth pipe thread BSP

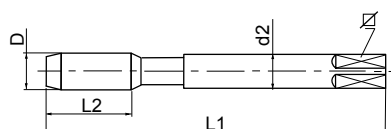
 HSS



1445



DIN 5157



DIN 5157								1445	1445.1	
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂			serie / set	finitore / 2 nd	serie / set <i>Filettatura SINISTRA LEFT Hand</i>
1/8	28	9,73	63	18	7,0	5,5	8,80			*
1/4	19	13,16	70	20	11,0	9,0	11,80			*
3/8	19	16,66	70	20	12,0	9,0	15,25			*
1/2	14	20,96	80	22	16,0	12,0	19,00			*
5/8	14	22,91	80	22	18,0	14,5	21,00			*
3/4	14	26,44	90	22	20,0	16,0	24,50			*
7/8	14	30,20	90	22	22,0	18,0	28,25			*
1"	11	33,25	100	25	25,0	20,0	31,00			*
1"1/8	11	37,90	125	32	28,0	22,0	35,50			*
1"1/4	11	41,91	125	32	32,0	24,0	39,50			*
1"1/2	11	47,80	140	32	36,0	29,0	45,50			*
1"3/4	11	53,75	140	32	40,0	32,0	51,50			*
2"	11	59,61	160	36	45,0	35,0	57,00			*
2"1/4	11	65,71	160	40	50,0	39,0	63,00	*	*	-
2"1/2	11	75,18	160	40	50,0	39,0	73,00	*	*	-
2"3/4	11	81,53	160	40	50,0	39,0	79,00	*	*	-
3"	11	87,88	160	40	50,0	39,0	85,50	*	*	-
* Prezzo e disponibilità a richiesta / Price and delivery time on demand										
Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3										

MASCHI A MACCHINA - MACHINE TAPS

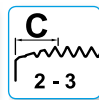
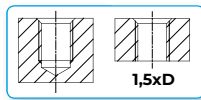
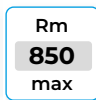
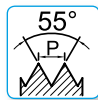
MASCHI A MACCHINA **HSSE M35 5%Co**
 SCANALATURE DIRITTE - Imbocco "C"
 Filettatura ISO 228/1 - GAS cilindrica BSP

MACHINE TAPS **HSSE M35 5%Co**
 STRAIGHT FLUTES - Chamfer form "C"
 ISO 228/1 - Whitworth pipe thread BSP

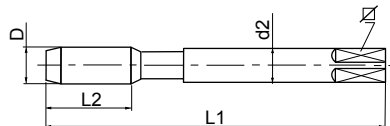
 HSSE



4543.0



DIN 5156



DIN 5156								4543.0
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	∅		
1/8	28	9,73	90	15	7,0	5,5	8,80	
1/4	19	13,16	100	22	11,0	9,0	11,80	
3/8	19	16,66	100	22	12,0	9,0	15,25	
1/2	14	20,96	125	25	16,0	12,0	19,00	
3/4	14	26,44	140	25	20,0	16,0	24,50	
1"	11	33,25	160	30	25,0	20,0	31,00	
1 1/8	11	37,90	170	30	28,0	22,0	35,50	
1 1/4	11	41,91	170	30	32,0	24,0	39,50	
* 1 1/2	11	47,80	190	32	36,0	29,0	45,50	
Altre dimensioni su richiesta / Other dimensions on demand								
* Acciaio HSS / HSS Steel								
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C" - **per GHISA**

Filettatura ISO **228X** - GAS cilindrica BSP

Rivestimento TICN

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer form "C" - **for CAST IRON**

ISO **228X** - Whitworth pipe thread BSP

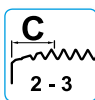
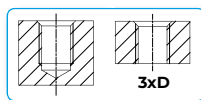
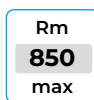
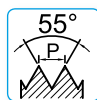
TICN coated



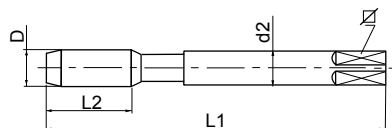
 **HSSE**



4543.2



DIN 5156



DIN 5156								4543.2
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□		
1/8	28	9,73	90	15	7,0	5,5	8,80	
1/4	19	13,16	100	22	11,0	9,0	11,80	
3/8	19	16,66	100	22	12,0	9,0	15,25	
1/2	14	20,96	125	25	16,0	12,0	19,00	
3/4	14	26,44	140	25	20,0	16,0	24,50	
1"	11	33,25	160	30	25,0	20,0	31,00	
Altre dimensioni a richiesta / Other dimensions on demand								
Materiali / Application: G1 - G2 - G3 - G4 - G5 / AM3 - AM4 - AM5 - AM6 / R3 / P2 / S1								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

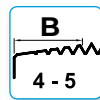
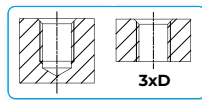
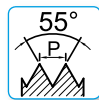
Filettatura ISO 228/1 - GAS cilindrica BSP

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO 228/1 - Whitworth pipe thread BSP

 HSSE



4543.1



4543.V1

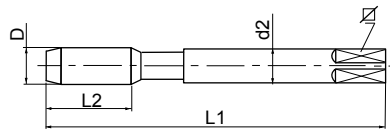


4543.T1



4843.1

DIN 5156



DIN 5156								4543.1	4543.V1	4543.T1	4843.1
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□		nudi / naked	ST	TIN	ISO 228 + 0,1
1/8	28	9,73	90	15	7,0	5,5	8,80				•
1/4	19	13,16	100	22	11,0	9,0	11,80				•
3/8	19	16,66	100	22	12,0	9,0	15,25				•
1/2	14	20,96	125	25	16,0	12,0	19,00				•
5/8	14	22,91	125	25	18,0	14,5	21,00		-	-	-
3/4	14	26,44	140	25	20,0	16,0	24,50		-	-	-
7/8	14	30,20	150	28	22,0	18,0	28,25		-	-	-
1"	11	33,25	160	30	25,0	20,0	31,00		-	-	-
1 1/8"	11	37,90	170	30	28,0	22,0	35,50		-	-	-
1 1/4"	11	41,91	170	30	32,0	24,0	39,50		-	-	-
* 1 1/2"	11	47,80	190	32	36,0	29,0	45,50		-	-	-
* 1 3/4"	11	53,75	190	32	40,0	32,0	51,50		-	-	-
* 2"	11	59,61	220	40	45,0	35,0	57,00		-	-	-
* Acciaio HSS / HSS Steel											
* Prezzo a richiesta / Price on demand											
Materiali / Application : nudi / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2											
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1											
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2											

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA

SCANALATURE DIRITTE con IMBOCCO CORRETTO - forma "B"

Filettatura ISO **228X** - GAS cilindrica BSP

Universali - per INOX

MACHINE TAPS

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO **228X** - Whitworth pipe thread BSP

Universal use - for STAINLESS STEEL



 HSS-Co-PM

Rm
1200
max

Universal



4543.U1

 HSSV

Rm
1000
max

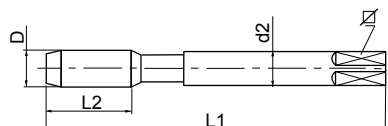
INOX



4543.S1



DIN 5156



DIN 5156								4543.U1	4543.S1
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□	⌘	ASP30 + TX	HSSV + HPC
1/8	28	9,73	90	15	7,0	5,5	8,80		
1/4	19	13,16	100	22	11,0	9,0	11,80		
3/8	19	16,66	100	22	12,0	9,0	15,25		
1/2	14	20,96	125	25	16,0	12,0	19,00		
3/4	14	26,44	140	25	20,0	16,0	24,50		
Materiali / Application: 4543.U1: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2 4543.S1: A3 - A4 - A5 / X1 - X2 - X3 - X4									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 15° - Imbocco "C"

Filettatura ISO 228/1 - GAS cilindrica BSP

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 15° - Chamfer form "C"

ISO 228/1 - Whitworth pipe thread BSP

 HSSE



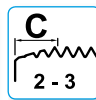
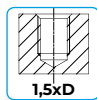
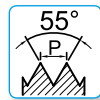
4544.1



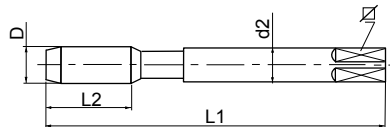
4544.V1



4544.T1



DIN 5156



DIN 5156								4544.1	4544.V1	4544.T1
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂			nudi / naked	ST	TIN
1/8	28	9,73	90	15	7,0	5,5	8,80			
1/4	19	13,16	100	22	11,0	9,0	11,80			
3/8	19	16,66	100	22	12,0	9,0	15,25			
1/2	14	20,96	125	25	16,0	12,0	19,00			
3/4	14	26,44	140	25	20,0	16,0	24,50			
1"	11	33,25	160	30	25,0	20,0	31,00			
1 1/8	11	37,90	170	30	28,0	22,0	35,50		-	-
1 1/4	11	41,91	170	30	32,0	24,0	39,50		-	-
* 1 1/2	11	47,80	190	32	36,0	29,0	45,50		-	-
* 2"	11	59,61	220	40	45,0	35,0	57,00		-	-
* Acciaio HSS / HSS Steel										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2										
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1										
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

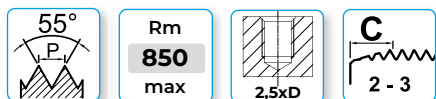
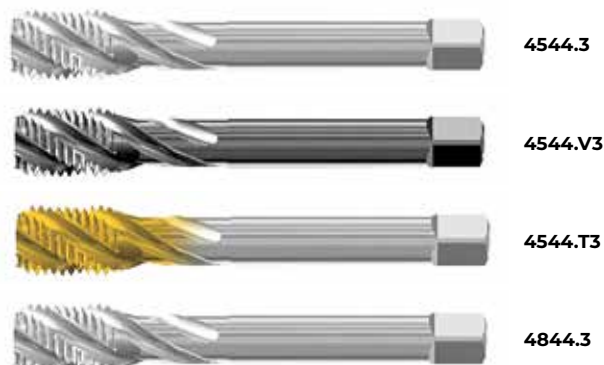
Filettatura ISO 228/1 - GAS cilindrica BSP

MACHINE TAPS **HSSE M35 5%Co**

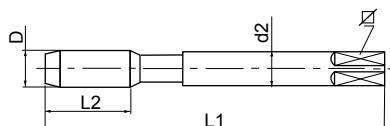
SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO 228/1 - Whitworth pipe thread BSP

 HSSE



DIN 5156



DIN 5156								4544.3	4544.V3	4544.T3	4844.3
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	∠		nudi / naked	ST	TIN	ISO 228 + 0,1
1/8	28	9,73	90	15	7,0	5,5	8,80				•
1/4	19	13,16	100	15	11,0	9,0	11,80				•
3/8	19	16,66	100	15	12,0	9,0	15,25				•
1/2	14	20,96	125	18	16,0	12,0	19,00				•
5/8	14	22,91	125	18	18,0	14,5	21,00				-
3/4	14	26,44	140	20	20,0	16,0	24,50				-
7/8	14	30,20	150	22	22,0	18,0	28,25				-
1"	11	33,25	160	24	25,0	20,0	31,00				-
1.1/4	11	41,91	170	24	32,0	24,0	39,50		-	-	-
* 1.1/2	11	47,80	190	27	36,0	29,0	45,50		-	-	-
* 2"	11	59,61	220	32	45,0	35,0	57,00		-	-	-
* Acciaio HSS / HSS Steel											
* Prezzo a richiesta / Price on demand											
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2											
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1											
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2											

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA

SCANALATURE ELICOIDALI - **ELICA DESTRA 45° / 48°** - Imbocco "C"

Filettatura ISO **228X** - GAS cilindrica BSP

MASCHIATURA RIGIDA SINCRONIZZATA

Universali - per INOX

MACHINE TAPS

SPIRAL FLUTES - **RIGHT HELIX 45° / 48°** - Chamfer form "C"

ISO **228X** - Whitworth pipe thread BSP

RIGID TAPPING SYNCHRO

Universal use - for stainless steel



HSS-Co-PM

Rm

1200

max

3xD

Universal

4544.U5 *

HSSV

Rm

1000

max

3,5xD

INOX

4544.S8

55°

C

2 - 3

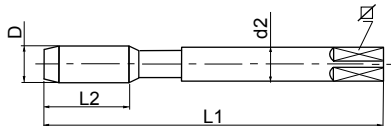
RS

*

G

Rp

DIN 5156



	DIN 5156							4544.U5	4544.UC5	4544.S8
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□		ASP30 + TX	ASP30 + TX	HSSV + HPC
1/8	28	9,73	90	15	7,0	5,5	8,80			
1/4	19	13,16	100	15	11,0	9,0	11,80			
3/8	19	16,66	100	15	12,0	9,0	15,25			
1/2	14	20,96	125	18	16,0	12,0	19,00			
3/4	14	26,44	140	20	20,0	16,0	24,50			
1"	11	33,25	160	24	25,0	20,0	31,00			
Materiali / Application: 4544.U5: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R2 4544.UC5: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3 / G3 - G4 / AM2 - AM3 / R3 4544.S8: A3 - A4 - A5 / X1 - X2 - X3 - X4										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40°

IMBOCCO "E"

Filettatura ISO 228/1 - GAS cilindrica BSP

MACHINE TAPS **HSSE M35 5%Co**

SPiral FLUTES - RIGHT HELIX 40°

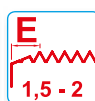
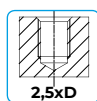
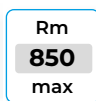
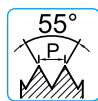
CHAMFER FORM "E"

ISO 228/1 - Whitworth pipe thread BSP

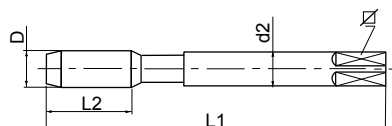
 HSSE



4544.4



DIN 5156



DIN 5156								4544.4
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□		
1/8	28	9,73	90	15	7,0	5,5	8,80	*
1/4	19	13,16	100	15	11,0	9,0	11,80	*
3/8	19	16,66	100	15	12,0	9,0	15,25	*
1/2	14	20,96	125	18	16,0	12,0	19,00	*
* Prezzo a richiesta / Price on demand								
Materiali / Application: A1 - A2 - A3 - A4 - A5 / X1 - X2 - X3								

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA A RULLARE HSS-Co-PM

Filettatura ISO **228X** - GAS cilindrica BSP

Rivestimento **Super TIN** Imbocco "C"

Con canalini laterali di lubrificazione

MASCHIATURA RIGIDA SINCRONIZZATA

COLD FORMING MACHINE TAPS HSS-Co-PM

ISO **228X** - Whitworth pipe thread BSP

Super TIN coated Chamfer form "C"

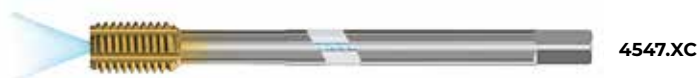
With lateral lubrication flutes

RIGID TAPPING SYNCHRO

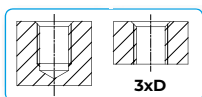
 HSS-Co-PM



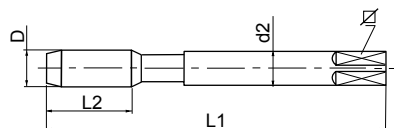
4547.X



4547.XC



DIN 5156



DIN 5156								4547.X	4547.XC
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□			con foro centrale with central hole
1/8	28	9,73	90	10	7,0	5,5	9,25		
1/4	19	13,16	100	13	11,0	9,0	12,50		
3/8	19	16,66	100	13	12,0	9,0	16,00		
1/2	14	20,96	125	18	16,0	12,0	20,00		
3/4	14	26,44	140	20	20,0	16,0	25,50		
1"	11	33,25	160	25	25,0	20,0	32,00		
Materiali / Application: A3 - A4 - A5 / X2 - X3 - X4									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

Filettatura ISO 7/1 - GAS cilindrica **Rp** per interni (BSPP)

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer form "C"

ISO 7/1 - Cylindrical Whitworth internal pipe thread **Rp** (BSPP)

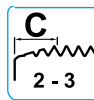
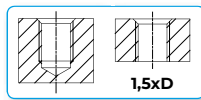
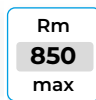
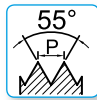
 HSSE



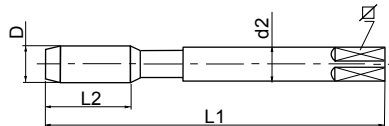
4542.0



4542.T0



DIN 5156



DIN 5156								4542.0	4542.T0
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□			TIN
1/8	28	9,73	90	15	7,0	5,5	8,80		
1/4	19	13,16	100	22	11,0	9,0	11,50		
3/8	19	16,66	100	22	12,0	9,0	15,00		
1/2	14	20,96	125	25	16,0	12,0	18,50		
3/4	14	26,44	140	25	20,0	16,0	24,00		
1"	11	33,25	160	30	25,0	20,0	30,25		
Altre dimensioni su richiesta / Other dimensions on demand									
Materiali / Application: A1 - A2 - A3 - A4 / G4 / AM2 - AM3 / R2 - R3 / P2									

RIEPILOGO PREFORI DI MASCHIATURA BSP E DIAMETRO DEL MASCHIO SUMMARY OF TAPPING PRE-HOLES BSP AND TAP DIAMETERS

Maschi a tagliare - *Cutting taps*

BSP	filetti x 1"		Ø esterno nominale	Ø medio - <i>medium</i> Ø 6H	
	TPI		<i>nominal external Ø</i>	min	max
1/8	28	8,80	9,728	9,189	9,254
1/4	19	11,80	13,157	12,349	12,426
3/8	19	15,25	16,662	15,849	15,931
1/2	14	19,00	20,955	19,848	19,935
5/8	14	21,00	22,911	21,798	21,891
3/4	14	24,50	26,441	25,328	25,421
7/8	14	28,25	30,201	29,088	29,181
1"	11	31,00	33,249	31,831	31,950
1"1/8	11	35,50	37,897	36,481	36,598
1"1/4	11	39,50	41,910	40,491	40,611
1"1/2	11	45,50	47,803	46,391	46,504
1"3/4	11	51,50	53,746	52,351	52,447
2"	11	57,00	59,614	58,211	58,315
2"1/4	11	63,00	65,710	64,321	64,448
2"1/2	11	73,00	75,184	73,791	73,922
2"3/4	11	79,00	81,534	80,151	80,272
3"	11	85,50	87,884	86,501	86,622

Maschi a rullare - *Cold forming taps*

BSP	filetti x 1"		Tolleranza
	TPI		<i>Tolerance</i>
1/8	19	9,25	± 0,05
1/4	19	12,50	± 0,05
3/8	14	16,00	± 0,05
1/2	14	20,00	± 0,05
5/8	14	22,00	± 0,05
3/4	14	25,50	± 0,05
7/8	11	29,25	± 0,05
1"	11	32,00	± 0,05
1"1/8	11	36,70	± 0,05
1"1/4	11	40,70	± 0,05

NOTE - NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Rc - NPT - NPTF Filettature coniche
Tapered threads

Rc

NPT

NPTF

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA CORTI **HSSE M35 5%Co**

Imbocco "C"

Filettatura ISO 7/1 - GAS conica **Rc** (BSPT) - Conicità 1:16

SHORT MACHINE TAPS **HSSE M35 5% Co**

Chamfer form "C"

ISO 7/1 - Tapered Whitworth pipe thread **Rc** (BSPT) - Taper 1:16

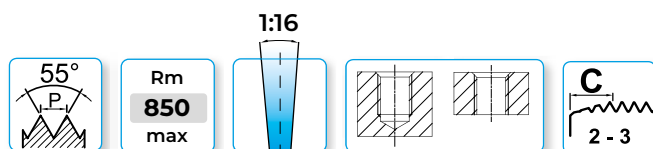
 HSSE



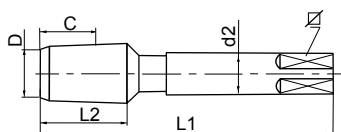
4445.2



4445.2V1



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA									4445.2	4445.2V1
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□	C		Tagli diritti Straight flutes	Elica destra 15° Right helix 15°
1/8	28	9,73	63	13	7,0	5,5	10,1	8,20		ST
1/4	19	13,16	63	20	11,0	9,0	15,0	11,00		
3/8	19	16,66	70	20	12,0	9,0	15,4	14,50		
1/2	14	20,96	80	26	16,0	12,0	20,4	18,00		
3/4	14	26,44	100	28	20,0	16,0	21,7	23,50		
1"	11	33,25	110	34	25,0	20,0	26,0	29,50		
*1"1/4	11	41,91	125	36	32,0	24,0	28,3	38,00		-
*1"1/2	11	47,80	140	36	36,0	29,0	28,3	44,00		-
*2"	11	59,61	160	40	45,0	35,0	32,6	55,50		-
* Acciaio HSS / HSS steel										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R3 ST: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G2 - G3 - G4 / AM2 - AM3 - AM4 / R2 - R3										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

Filettatura ISO 7/1 - GAS conica **Rc** (BSPT) - Conicità 1:16

MACHINE TAPS **HSSE M35 5% Co**

STRAIGHT FLUTES - Chamfer form "C"

ISO 7/1 - Tapered Whitworth pipe thread **Rc** (BSPT) - Taper 1:16

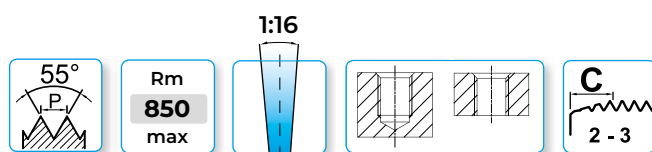
 HSSE



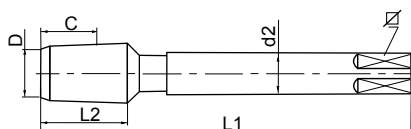
4545.2



4545.F2



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA									4545.2	4545.F2
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□	C	⌘		HPC
1/8	28	9,73	90	13	7,0	5,5	10,1	8,20		
1/4	19	13,16	100	20	11,0	9,0	15,0	11,00		
3/8	19	16,66	110	20	12,0	9,0	15,4	14,50		
1/2	14	20,96	125	26	16,0	12,0	20,4	18,00		
3/4	14	26,44	140	28	20,0	16,0	21,7	23,50		
1"	11	33,25	160	34	25,0	20,0	26,0	29,50		
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R3										
HPC: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G2 - G3 - G4 / AM2 - AM3 - AM4 / R2 - R3										

Rc

NPT

NPTF

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA CORTI **HSSE M35 5%Co**

Imbocco "C"

Filettatura ANSI/ASME B1.20.1 - **NPT** conica per tubi - Conicità 1:16

SHORT MACHINE TAPS **HSSE M35 5% Co**

Chamfer form "C"

ANSI/ASME B1.20.1 - American tapered pipe thread **NPT** - Taper 1:16

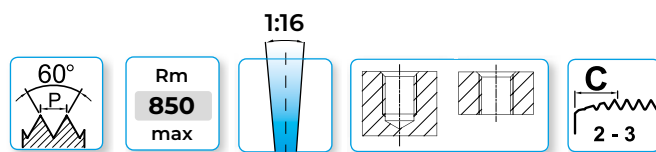
 HSSE



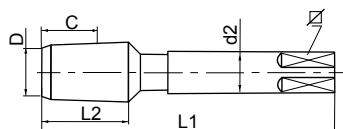
4445.3



4445.3V1



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA									4445.3	4445.3V1
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□	C		Tagli diritti Straight flutes	Elica destra 15° Right helix 15°
										ST
1/8	27	10,29	63	13	7,0	5,5	9,3	8,50		
1/4	18	13,72	63	20	11,0	9,0	13,5	11,00		
3/8	18	17,15	70	20	12,0	9,0	13,9	14,50		
1/2	14	21,34	80	26	16,0	12,0	18,1	17,90		
3/4	14	26,67	100	26	20,0	16,0	18,6	23,20		
1"	11,5	33,40	110	32	25,0	20,0	22,3	29,00		
* 1 1/4	11,5	42,16	125	32	32,0	24,0	22,8	37,80		-
* 1 1/2	11,5	48,26	140	32	36,0	29,0	22,8	44,00		-
* 2"	11,5	60,33	160	36	45,0	35,0	23,2	56,00		-
* Acciaio HSS / HSS steel										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R3										
ST: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G2 - G3 - G4 / AM2 - AM3 - AM4 / R2 - R3										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

Filettatura ANSI/ASME B1.20.1 - **NPT** conica per tubi - Conicità 1:16

MACHINE TAPS **HSSE M35 5% Co**

STRAIGHT FLUTES - Chamfer form "C"

ANSI/ASME B1.20.1 - American tapered pipe thread **NPT** - Taper 1:16

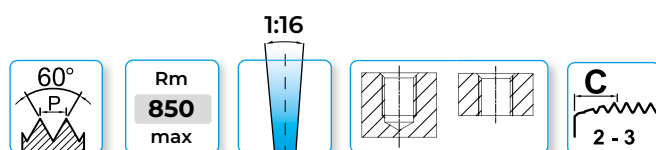
 HSSE



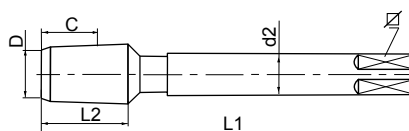
4545.3



4545.F3



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA									4545.3	4545.F3
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂		C			HPC
1/8	27	10,29	90	13	7,0	5,5	9,3	8,50		
1/4	18	13,72	100	20	11,0	9,0	13,5	11,00		
3/8	18	17,15	110	20	12,0	9,0	13,9	14,50		
1/2	14	21,34	125	26	16,0	12,0	18,1	17,90		
3/4	14	26,67	140	26	20,0	16,0	18,6	23,20		
1"	11,5	33,40	160	32	25,0	20,0	22,3	29,00		
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R3										
HPC: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G2 - G3 - G4 / AM2 - AM3 - AM4 / R2 - R3										

RC

NPT

NPTF

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA CORTI **HSSE M35 5%Co**

Imbocco "C"

Filettatura ANSI/ASME B1.20.3 - **NPTF** conica per tubi - Conicità 1:16 - **"Dry Seal"**

SHORT MACHINE TAPS **HSSE M35 5% Co**

Chamfer form "C"

ANSI/ASME B1.20.3 - American tapered pipe thread **NPTF** - Taper 1:16 - **"Dry Seal"**

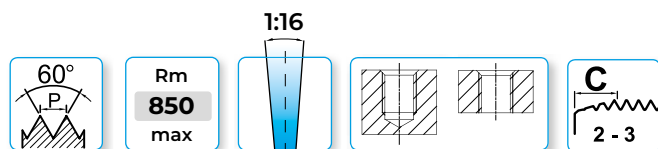
 HSSE



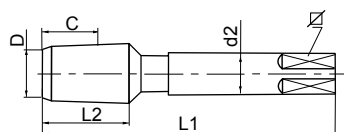
4445.4



4445.4V1



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA									4445.4	4445.4V1
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□	C		Tagli diritti Straight flutes	Elica destra 15° Right helix 15°
1/8	27	10,29	63	13	7,0	5,5	9,3	8,50		ST
1/4	18	13,72	63	20	11,0	9,0	13,5	11,00		
3/8	18	17,15	70	20	12,0	9,0	13,9	14,50		
1/2	14	21,34	80	26	16,0	12,0	18,1	17,90		
3/4	14	26,67	100	26	20,0	16,0	18,6	23,20		
1"	11,5	33,40	110	32	25,0	20,0	22,3	29,00		
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R3										
ST: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G2 - G3 - G4 / AM2 - AM3 - AM4 / R2 - R3										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

Filettatura ANSI/ASME B1.20.3 - **NPTF** conica per tubi - Conicità 1:16 - "Dry Seal"

MACHINE TAPS **HSSE M35 5% Co**

STRAIGHT FLUTES - Chamfer form "C"

ANSI/ASME B1.20.3 - American tapered pipe thread **NPTF** - Taper 1:16 - "Dry Seal"

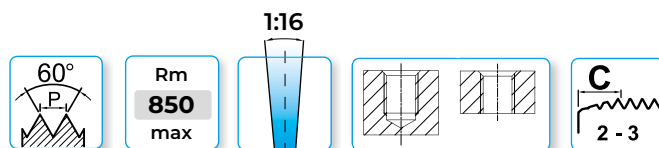
 HSSE



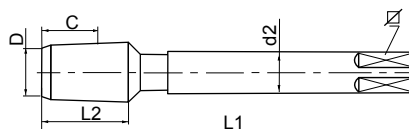
4545.4



4545.F4



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA									4545.4	4545.F4
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂		C			HPC
1/8	27	10,29	90	13	7,0	5,5	9,3	8,45		
1/4	18	13,72	100	20	11,0	9,0	13,5	10,90		
3/8	18	17,15	110	20	12,0	9,0	13,9	14,30		
1/2	14	21,34	125	26	16,0	12,0	18,1	17,60		
3/4	14	26,67	140	26	20,0	16,0	18,6	23,00		
Altre dimensioni su richiesta / Other dimensions on demand										
Materiali / Application: nudi / naked: A1 - A2 - A3 - A4 / G3 - G4 / AM2 - AM3 / R3										
HPC: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G2 - G3 - G4 / AM2 - AM3 - AM4 / R2 - R3										

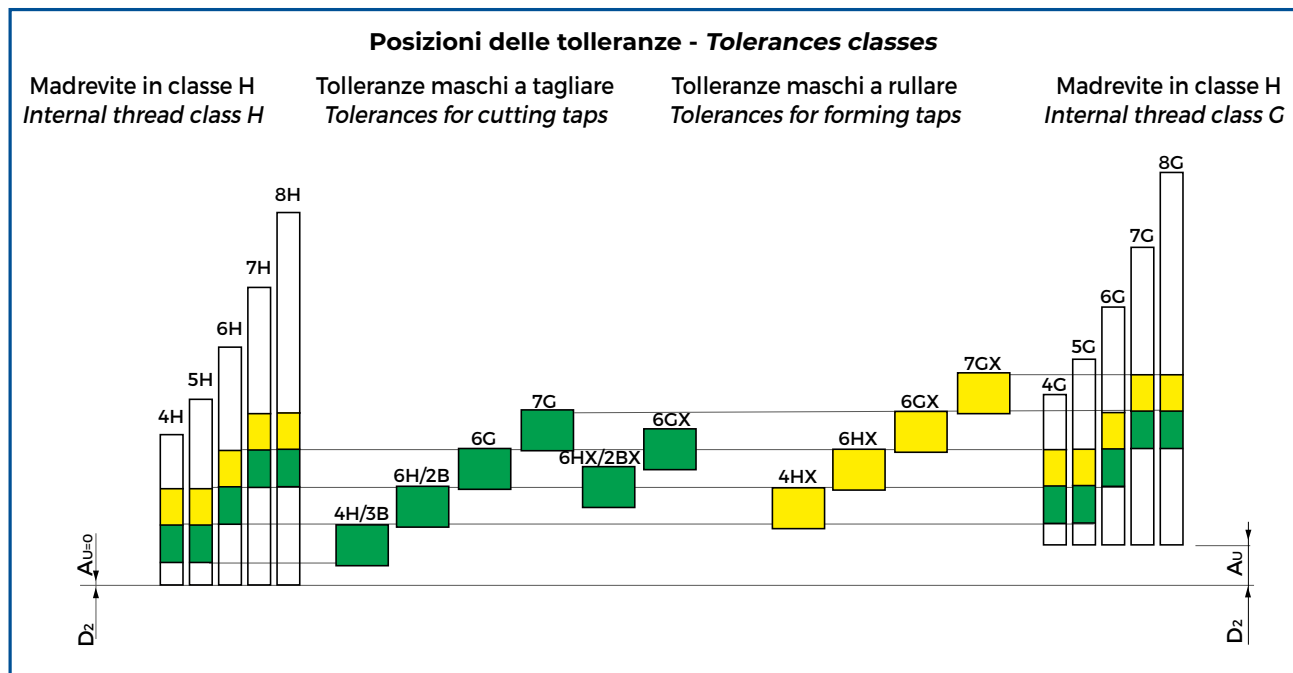
RC

NPT

NPTF

CLASSI DI TOLLERANZA DEI MASCHI IN FUNZIONE DI QUELLA DELLE MADREVITI DA ESEGUIRE **TAPS TOLERANCE CLASSES ACCORDING TO THAT OF THE NUTS TO CREATE**

Maschio - Tap			Madrevite - Internal thread					Accoppiamento - Fit
ISO	DIN	ANSI/ASME						
ISO 1	4H	3B	4H	5H				Senza gioco <i>Without allowance</i>
ISO 2	6H	2B	4G	5G	6H			Con gioco standard <i>Standard fit</i>
ISO 3	6C	1B			6G	7H	8H	Con gioco speciale <i>Special fit with allowance</i>
	7C					7C	8C	Largo per successive galvaniche <i>Loose fit for galvanic treatments</i>



Scelta delle classi di tolleranza del maschio in funzione di quella della madrevite da eseguire
Choice of tap tolerance classes according to that of the internal thread to create

Le corrispondenze indicate in tabella hanno, tuttavia, solo valore indicativo poiché la precisione della maschiatura dipende da diversi altri fattori quali : materiale da lavorare, condizioni della macchina utensile e dei suoi accessori, trascinamento del maschio, velocità di taglio, lubrificante, ecc.

Si raccomanda pertanto di scegliere in ogni caso la classe di maschi più adatta all'esecuzione della madrevite desiderata, controllando regolarmente i pezzi filettati.

The correspondences indicated in the table are, however, only indicative since the accuracy of the tapping depends on various other factors such as: material to be machined, conditions of the machine tool and its accessories, dragging of the tap, cutting speed, lubricant, etc.

It is therefore recommended to choose, in any case, the most suitable class of taps for the execution of the desired nut, regularly checking the threaded pieces.



BSW-PG-Tr-EG

BSW

PG

Tr

EG

MASCHI A MANO - HAND TAPS

MASCHI A MANO in serie di 3 pezzi **HSS M2**
Filettatura **Whitworth BSW** a norma BS 84



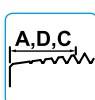
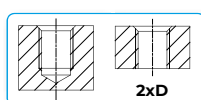
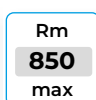
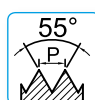
HAND TAPS set of 3 HSS M2

British Standard Whitworth Thread BSW Norm BS 84

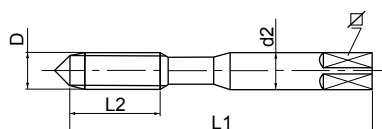
HSS



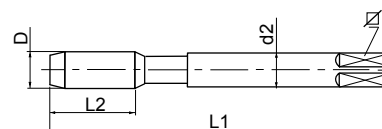
1435



DIN 352



DIN 352



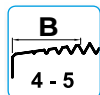
DIN 352							1435	1435.1
D	filetti x 1" TPI	L ₁	L ₂	d ₂	□		serie / set	serie / set Filettatura SINISTRA LEFT Hand
1/8	40	40	9	3,5	2,7	2,50		*
5/32	32	45	14	4,5	3,4	3,20		*
3/16	24	50	13	6,0	4,3	3,60		*
1/4	20	56	15	4,9	4,9	5,10		*
5/16	18	63	19	6,0	4,9	6,50		*
3/8	16	70	22	7,0	5,5	7,90		*
7/16	14	70	22	8,0	6,2	9,20		*
1/2	12	75	28	9,0	7,0	10,50		*
9/16	12	80	30	11,0	9,0	12,00		*
5/8	11	80	30	12,0	9,0	13,50		*
3/4	10	95	34	14,0	11,0	16,50		*
7/8	9	100	34	18,0	14,5	19,25		*
1"	8	110	38	18,0	14,5	22,00		*
1 1/8	7	125	45	22,0	18,0	24,75		-
1 1/4	7	125	45	22,0	18,0	28,00		-
1 1/2	6	150	55	28,0	22,0	33,50		-
* Prezzo e disponibilità a richiesta / Price and delivery time on demand								
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A1 - A2 - A3 - A4 / X1 - X2 - X3 / G1 - G4 / AM1 - AM2 - AM3 - AM4 / R1 - R2 - R3								

MASCHI A MACCHINA - MACHINE TAPS

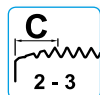
MASCHI A MACCHINA **HSSE M35 5%Co**
Filettatura **Whitworth BSW** a norma BS 84

MACHINE TAPS **HSSE M35 5% Co**
British Standard **Whitworth Thread BSW** Norm BS 84

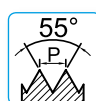
 HSSE



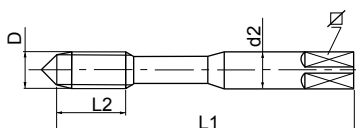
4533.1



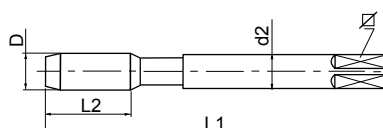
4534.3



DIN 371 ≤ 1/4



DIN 376 ≥ 3/8



DIN 371 / DIN 376							4533.1	4534.3
D	filetti x 1" TPI	L ₁	L ₂	d ₂			Tagli diritti Imbocco Corretto Straight flutes Gun nose	Elica destra 40° Right helix 40°
1/8	40	56	10	3,5	2,7	2,50		
1/4	20	80	16	7,0	5,5	5,10		
3/8	16	100	20	7,0	5,5	7,90		
1/2	12	110	25	9,0	7,0	10,50		
3/4	10	125	32	14,0	11,0	16,50		
1"	8	160	36	18,0	14,5	22,00		
DISPONIBILITÀ DA RICHIEDERE / DELIVERY TIME ON DEMAND								
Altre dimensioni su richiesta / Other dimensions on demand								
Materiali / Application: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2								

BSW

PG

Tr

EG

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco "C"

Filettatura **PG** per tubi corazzati - DIN 40430

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer form "C"

PG steel conduit Thread - DIN 40430

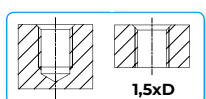
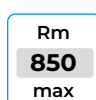
 **HSSE**



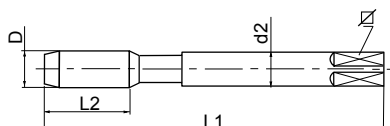
4555



4555.T



DIN 40432



DIN 40430								4555	4555.T
D	filetti x 1" TPI	Ø mm	L ₁	L ₂	d ₂	□			TIN
n. 7	20	12,50	70	20	9,0	7,0	11,40		
n. 9	18	15,20	70	20	12,0	9,0	14,00		
n. 11	18	18,60	80	22	14,0	11,0	17,25		
n. 13,5	18	20,40	80	22	16,0	12,0	19,00		
n. 16	18	22,50	80	22	18,0	14,5	21,25		
n. 21	16	28,30	90	22	22,0	18,0	27,00		
n. 29	16	37,00	100	25	28,0	22,0	35,50		
Altre dimensioni su richiesta / Other dimensions on demand									
Materiali / Application: A1 - A2 - A3 - A4 / AM2 - AM3 / R2 - R3 / P2									

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE - Imbocco 24 filetti - **7H**

Filettatura ISO metrica **TRAPEZOIDALE** - DIN 103

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES - Chamfer 24 threads - **7H**

ISO metric **TRAPEZOIDAL** Thread - DIN 103

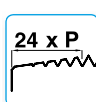
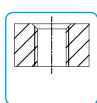
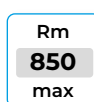
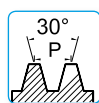
 HSSE



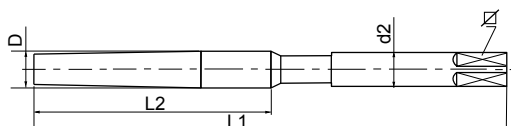
4211.0



4211.L0



NORMA DI FABBRICA - FIUM NORM



NORMA DI FABBRICA							4211.0	4211.L0
D	P	L ₁	L ₂	d ₂				Filettatura SINISTRA LEFT Hand
10	2	130	70	7,0	5,5	8,20		
10	3	155	95	7,0	5,5	7,50		
12	2	160	95	8,0	6,2	10,20		
12	3	160	95	8,0	6,2	9,25		
14	3	170	100	10,0	8,0	11,25		
14	4	210	130	10,0	8,0	10,50		
16	4	225	130	11,0	9,0	12,25		
18	4	225	130	12,0	9,0	14,25		
20	4	230	130	14,0	11,0	16,25		
22	5	270	160	16,0	12,0	17,25		
24	5	280	160	18,0	14,5	19,25		
26	5	280	160	20,0	16,0	21,25		
28	5	290	160	22,0	18,0	23,25		
30	6	330	190	22,0	18,0	24,25		
32	6	330	190	25,0	20,0	26,25		
36	6	350	200	28,0	22,0	30,25		
Materiali / Application: A1 - A2 - A3 - A4 / AM2 - AM3 / R2 - R3 / P2								

A richiesta: tipologia con elica sinistra 5°/10° ed imbocco intercalato

On demand: left elix taps 5°/10° and intercalated chamfer

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE DIRITTE con IMBOCCO CORRETTO forma "B"

Filettatura ISO metrica DIN 8140-2 **"EG"** per filetti riportati

MACHINE TAPS **HSSE M35 5%Co**

STRAIGHT FLUTES SPIRAL POINT (GUN NOSE) - Chamfer form "B"

ISO Metric Coarse Thread DIN 8140-2 **"EG"** for wire thread inserts

 HSSE



4311.1



4313.1



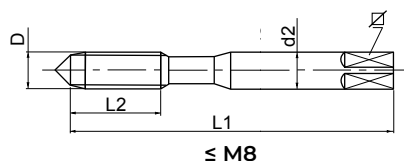
4311.F1



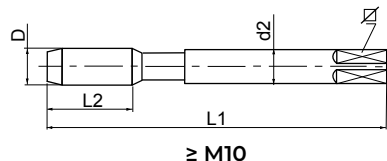
4313.F1



DIN 40435



DIN 40435



DIN 40435								4311.1	4313.1	4311.F1	4313.F1
D	P	Ø mm	L ₁	L ₂	d ₂					TX	TX
3	0,5	3,65	63	13	4,5	3,4	3,15		-		-
4	0,7	4,91	70	13	6,0	4,9	4,20		-		-
5	0,8	6,04	80	16	6,0	4,9	5,25		-		-
6	1	7,30	90	18	8,0	6,2	6,30		-		-
8	1,25	9,62	100	20	10,0	8,0	8,40		-		-
10	1,5	11,95	100	22	9,0	7,0	10,50	-		-	
12	1,75	14,27	110	28	11,0	9,0	12,50	-		-	
14	2	16,60	110	28	12,0	9,0	14,50	-		-	
16	2	18,60	125	33	14,0	11,0	16,50	-		-	

Altre dimensioni su richiesta / Other dimensions on demand

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2

TX: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

MASCHI A MACCHINA - MACHINE TAPS

PUNTE MASCHIO **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - Imbocco "C"

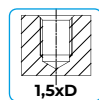
Filettatura metrica DIN 8140-2 **"EG"** per filetti riportati

MACHINE DRILL TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - Chamfer form "C"

Iso Metric Coarse Thread DIN 8140-2 **"EG"** for wire thread inserts

HSSE



4312.1



4314.1



4312.3



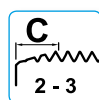
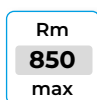
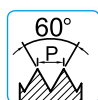
4314.3



4312.F3

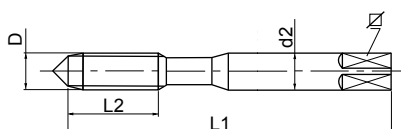


4314.F3

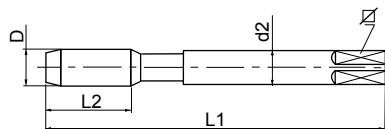


DIN 40435

DIN 40435



≤ M8



≥ M10

DIN 40435									4312.1	4314.1	4312.3	4314.3	4312.F3	4314.F3
D	P	Ø mm	L ₁	L ₂ ⁽¹⁾	d ₂	∠	∠	∠	Elica destra 15° Right helix 15°	Elica destra 15° Right helix 15°	Elica destra 40° Right helix 40°	Elica destra 40° Right helix 40°	Elica destra 40° Right helix 40°	Elica destra 40° Right helix 40°
													TX	TX
3	0,5	3,65	63	7	4,5	3,4	3,15	*	-	-	-	-	-	-
4	0,7	4,91	70	8	6,0	4,9	4,20	*	-	-	-	-	-	-
5	0,8	6,04	80	10	6,0	4,9	5,25	*	-	-	-	-	-	-
6	1	7,30	90	13	8,0	6,2	6,30	*	-	-	-	-	-	-
8	1,25	9,62	100	15	10,0	8,0	8,40	*	-	-	-	-	-	-
10	1,5	11,95	100	15	9,0	7,0	10,50	-	*	-	-	-	-	-
12	1,75	14,27	110	20	11,0	9,0	12,50	-	*	-	-	-	-	-
14	2	16,60	110	20	12,0	9,0	14,50	-	-	-	-	-	-	-
16	2	18,60	125	25	14,0	11,0	16,50	-	-	-	-	-	-	-
(1) lunghezza filetto elica 15° maggiore dei valori indicati / length of thread in helix 15° version larger than data indicated														
Altre dimensioni su richiesta / Other dimensions on demand														
* Prezzo a richiesta / Price on demand														
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2														
TX: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2														

BSW

PG

Tr

EG

TABELLA COMPARATIVA DELLE DUREZZE
COMPARATIVE TABLE OF HARDNESSES

HV Vickers	HB Brinell	HRB Rockwell	Resistenza Tensile strength N/mm²	HV Vickers	HB Brinell	HRC Rockwell	Resistenza Tensile strength N/mm²
-	92	49	320	238	226	20	760
-	94	51	330	243	231	21	770
-	-	54	-	248	237	22	790
100	100	55	340	254	243	23	810
101	101	56	-	260	247	24	820
103	103	57	350	266	253	25	850
104	104	58	-	272	258	26	860
106	106	59	360	279	264	27	880
107	107	60	-	286	271	28	900
108	108	61	-	294	279	29	930
110	110	62	370	302	286	30	950
112	112	63	-	310	294	31	970
114	114	64	-	318	301	32	1010
116	116	65	385	327	311	33	1030
117	117	66	395	336	319	34	1050
119	119	67	400	345	327	35	1080
121	121	68	405	354	336	36	1110
123	123	69	415	363	344	37	1140
125	125	70	420	372	353	38	1180
127	127	71	425	382	362	39	1220
130	130	72	435	392	371	40	1250
132	132	73	440	402	381	41	1300
135	135	74	450	412	390	42	1340
137	137	75	455	423	400	43	1390
139	139	76	460	434	409	44	1430
141	141	77	470	446	421	45	1480
144	144	78	475	458	432	46	1520
147	147	79	485	471	442	47	1580
150	150	80	495	484	455	48	1640
153	153	81	505	498	468	49	1700
156	156	82	530	513	482	50	1760
159	159	83	550	528	496	51	1820
162	162	84	560	544	512	52	1880
165	165	85	565	560	525	53	1950
169	169	86	570	577	543	54	2010
172	172	87	580	595	560	55	2070
176	176	88	590	613	577	56	2160
180	180	89	605	633	595	57	2240
185	185	90	615	653	615	58	2330
190	190	91	620	674	634	59	2420
195	195	92	635	697	654	60	-
200	200	93	650	720	670	61	-
205	205	94	675	746	688	62	-
210	210	95	690	772	706	63	-
216	216	96	705	800	722	64	-
222	222	97	715	832	739	65	-
228	228	98	750	865		66	-
234	234	99	785	900		67	-
240	240	100	800	940		68	-



JIS M-MF

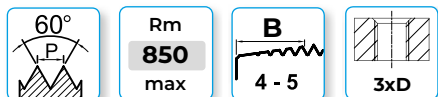
Filettatura metrica ISO – Norma JIS
ISO Metric Thread - JIS Norm

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**
SCANALATURE DIRITTE con IMBOCCO CORRETTO
 Filettatura metrica ISO a passo grosso – **Norma JIS**

MACHINE TAPS HSSE M35 5%Co
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE)
 ISO Metric Coarse Thread - **JIS Norm**

 **HSSE**



4J11.1



4J11.V1

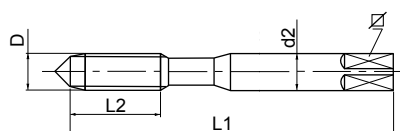


4J11.T1



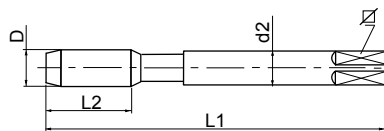
4J11.F1

JIS Norm



≤ M6

JIS Norm



≥ M8

JIS Norm							4J11.1	4J11.V1	4J11.T1	4J11.F1
D	P	L ₁	L ₂	d ₂			nudi / naked	ST	TIN	HPC
4	0,7	52	13	5,0	4,0	3,30				
5	0,8	60	16	5,5	4,5	4,20				
6	1	62	19	6,0	4,5	5,00				
8	1,25	70	22	6,2	5,0	6,75				
10	1,5	75	24	7,0	5,5	8,50				
12	1,75	82	29	8,5	6,5	10,25				
14	2	88	30	10,5	8,0	12,00				
16	2	95	32	12,5	10,0	14,00				
18	2,5	100	37	14,0	11,0	15,50				
20	2,5	105	37	15,0	12,0	17,50				

Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2
 ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1
 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2
 HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

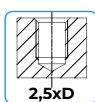
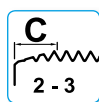
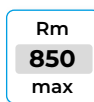
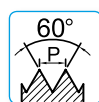
Filettatura metrica ISO a passo fine - **Norma JIS**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Fine Thread - **JIS Norm**

 HSSE



4J12.3



4J12.V3

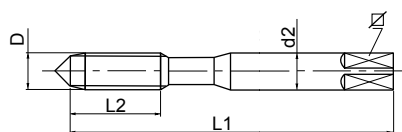


4J12.T3



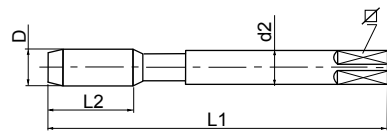
4J12.F3

JIS Norm



≤ M6

JIS Norm



≥ M8

JIS Norm							4J12.3	4J12.V3	4J12.T3	4J12.F3
D	P	L ₁	L ₂	d ₂	□		nudi / naked	ST	TIN	HPC
4	0,7	52	13	5,0	4,0	3,30				
5	0,8	60	16	5,5	4,5	4,20				
6	1	62	19	6,0	4,5	5,00				
8	1,25	70	22	6,2	5,0	6,75				
10	1,5	75	24	7,0	5,5	8,50				
12	1,75	82	29	8,5	6,5	10,25				
14	2	88	30	10,5	8,0	12,00				
16	2	95	32	12,5	10,0	14,00				
18	2,5	100	37	14,0	11,0	15,50				
20	2,5	105	37	15,0	12,0	17,50				

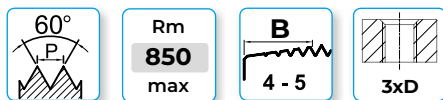
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2
 ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1
 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2- AM3 / R1 - R2
 HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2

MASCHI A MACCHINA - MACHINE TAPS

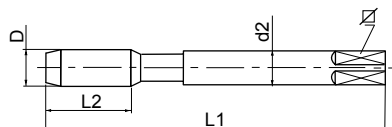
MASCHI A MACCHINA **HSSE M35 5%Co**
SCANALATURE DIRITTE con IMBOCCO CORRETTO
 Filettatura metrica ISO a passo fine – **Norma JIS**

MACHINE TAPS HSSE M35 5%Co
STRAIGHT FLUTES SPIRAL POINT (GUN NOSE)
 ISO Metric fine Thread - **JIS Norm**

 **HSSE**



JIS Norm



JIS Norm							4J21.1	4J21.V1	4J21.T1	4J21.F1
D	P	L ₁	L ₂	d ₂			nudi / naked	ST	TIN	HPC
8	1	70	22	6,2	5,0	7,00				
10	1,25	75	24	7,0	5,5	8,75				
12	1,5	82	29	8,5	6,5	10,50				
14	1,5	88	30	10,5	8,0	12,50				
16	1,5	95	32	12,5	10,0	14,50				
18	1,5	100	37	14,0	11,0	16,50				
20	1,5	105	37	15,0	12,0	18,50				
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1 TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2 HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2										

MASCHI A MACCHINA - MACHINE TAPS

MASCHI A MACCHINA **HSSE M35 5%Co**

SCANALATURE ELICOIDALI - ELICA DESTRA 40° - Imbocco "C"

Filettatura metrica ISO a passo fine - **Norma JIS**

MACHINE TAPS **HSSE M35 5%Co**

SPIRAL FLUTES - RIGHT HELIX 40° - Chamfer form "C"

ISO Metric Fine Thread - **JIS Norm**

 **HSSE**



4J22.3



4J22.V3

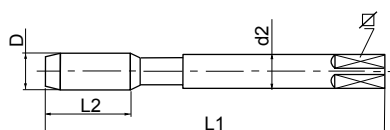


4J22.T3



4J22.F3

JIS Norm



JIS Norm							4J22.3	4J22.V3	4J22.T3	4J22.F3
D	P	L ₁	L ₂	d ₂			nudi / naked	ST	TIN	HPC
8	1	70	22	6,2	5,0	7,00				
10	1,25	75	24	7,0	5,5	8,75				
12	1,5	82	29	8,5	6,5	10,50				
14	1,5	88	30	10,5	8,0	12,50				
16	1,5	95	32	12,5	10,0	14,50				
18	1,5	100	37	14,0	11,0	16,50				
20	1,5	105	37	15,0	12,0	18,50				
Materiali / Application: nudo / naked: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2										
ST: A1 - A2 - A3 - A4 / AM1 - AM2 / R1 - R2 / T1 / N1										
TIN: A1 - A2 - A3 - A4 / G3 - G4 / AM1 - AM2 - AM3 / R1 - R2										
HPC: A1 - A2 - A3 - A4 / X1 - X2 / G3 - G4 / AM2 - AM3 / R2										

NOTE - NOTES

[illegible]



Filiere - Dies

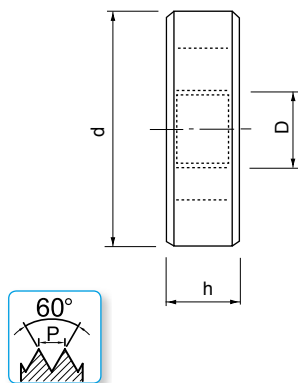
FILIERE TONDE - ROUND DIES

FILIERE TONDE con IMBOCCO CORRETTO

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo grosso – 6g

ROUND DIES with GUN NOSE

ISO Metric Coarse Thread – UNI 4535 – DIN 13 – 6g



DIN-EN 22568				4615	4615.1	4615.E
D	P	d	h	HSS	Filettatura SINISTRA LEFT Hand	HSSE
2	0,4	16	5			-
2,2	0,45	16	5		-	-
2,5	0,45	16	5			-
2,6	0,45	16	5		-	-
3	0,5	20	5			
3,5	0,6	20	5		-	-
4	0,7	20	5			
4,5	0,75	20	7		-	-
5	0,8	20	7			
6	1	20	7			
7	1	25	9			-
8	1,25	25	9			
9	1,25	25	9			-
10	1,5	30	11			
11	1,5	30	11			-
12	1,75	38	14			
14	2	38	14			
16	2	45	18			
18	2,5	45	18			
20	2,5	45	18			
22	2,5	55	22			
24	3	55	22			
27	3	65	25			
30	3,5	65	25			
33	3,5	65	25			*
36	4	65	25			*
39	4	75	30			*
42	4,5	75	30			*
45	4,5	90	36			*
48	5	90	36			*
52	5	90	36			*
56	5,5	105	36	*	-	-
60	5,5	105	36	*	-	-
64	6	105	36	*	-	-
68	6	105	36	*	-	-

Altre dimensioni su richiesta / Other dimensions on demand

* Prezzo e disponibilità a richiesta / Price and delivery time on request

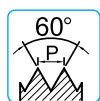
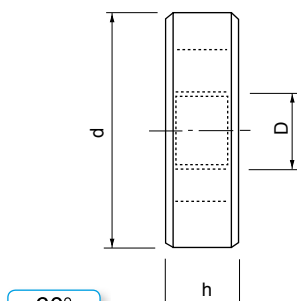
FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo fine – 6g

ROUND DIES with GUN NOSE

ISO Metric Fine Thread – UNI 4535 – DIN 13 – 6g



DIN-EN 22568				4625	4625.1	4625.E
D	P	d	h	HSS	Filettatura SINISTRA LEFT Hand	HSSE
3	0,35	20	5		*	*
3,5	0,35	20	5	*	*	-
4	0,5	20	5			
4,5	0,5	20	5		*	-
5	0,5	20	5			
6	0,75	20	7			
7	0,75	25	9			*
8	0,75	25	9			*
8	1	25	9			
9	0,75	25	9		*	*
9	1	25	9			*
10	0,75	30	11			*
10	1	30	11			
10	1,25	30	11			
11	1	30	10			*
11	1,25	30	10		*	*
12	1	38	10			
12	1,25	38	10			
12	1,5	38	10			
13	1	38	10		*	*
13	1,5	38	10		*	*
14	1	38	10			
14	1,25	38	10			
14	1,5	38	10			
15	1	38	10		*	*
15	1,5	38	10		*	*
16	1	45	14			
16	1,25	45	14		*	*
16	1,5	45	14			
18	1	45	14			
18	1,5	45	14			
18	2	45	14			
20	1	45	14			
20	1,5	45	14			
20	2	45	14			
22	1	55	16		*	*
22	1,5	55	16		*	*
22	2	55	16		*	*

Altre dimensioni su richiesta / *Other dimensions on demand*

* Prezzo e disponibilità a richiesta / *Price and delivery time on request*

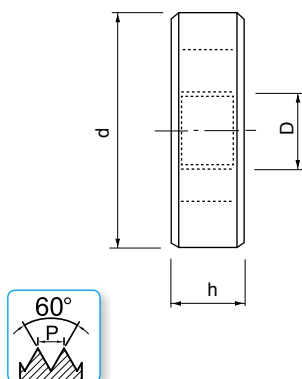
FILIERE TONDE - ROUND DIES

FILIERE TONDE con IMBOCCO CORRETTO

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo fine – 6g

ROUND DIES with GUN NOSE

ISO Metric Coarse Thread – UNI 4535 – DIN 13 – 6g



DIN-EN 22568				4625	4625.1	4625.E
D	P	d	h	HSS	Filettatura SINISTRA LEFT Hand	HSSE
24	1	55	16		*	*
24	1,5	55	16			
24	2	55	16		*	*
25	1	55	16		-	-
25	1,5	55	16		*	-
25	2	55	16		*	-
26	1	55	16		-	-
26	1,5	55	16		*	-
26	2	55	16		*	-
27	1	65	18		*	-
27	1,5	65	18		*	-
27	2	65	18		*	-
28	1	65	18		*	-
28	1,5	65	18		*	-
28	2	65	18		*	-
30	1	65	18		*	-
30	1,5	65	18		*	-
30	2	65	18		*	-
32	1	65	18		-	-
32	1,5	65	18		*	-
32	2	65	18		*	-
33	1	65	18		*	-
33	1,5	65	18		*	-
33	2	65	18		*	-
34	1	65	18		-	-
34	1,5	65	18		*	-
35	1	65	18		-	-
35	1,5	65	18		*	-
35	2	65	18		*	-
36	1,5	65	18		*	-
36	2	65	18		*	-
36	3	65	25		*	-
38	1	75	20		-	-
38	1,5	75	20		-	-
38	2	75	20		-	-
39	1,5	75	20		-	-
39	2	75	20		-	-
39	3	75	30		-	-
Altre dimensioni su richiesta / Other dimensions on demand						
* Prezzo e disponibilità a richiesta / Price and delivery time on request						

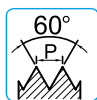
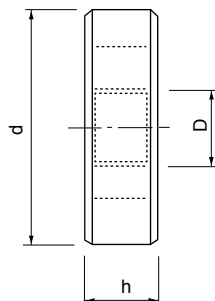
FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO

Filettatura metrica ISO/DIN 13 – UNI 4535 a passo fine – 6g

ROUND DIES with GUN NOSE

ISO Metric Fine Thread – UNI 4535 – DIN 13 – 6g

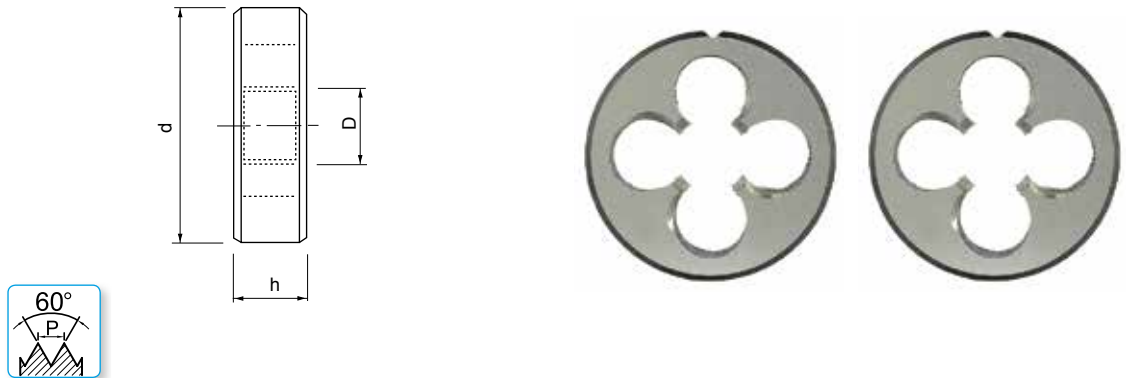


DIN-EN 22568				4625
D	P	d	h	HSS
40	1,5	75	20	
40	2	75	20	
40	3	75	30	
42	1,5	75	20	
42	2	75	20	
42	3	75	30	
45	1,5	90	22	
45	2	90	22	
45	3	90	36	
48	1,5	90	22	
48	2	90	22	
48	3	90	36	
50	1,5	90	22	
50	2	90	22	
50	3	90	36	
52	1,5	90	22	
52	2	90	22	
52	3	90	36	
55	1,5	105	22	*
55	2	105	22	*
55	3	105	36	*
56	1,5	105	22	*
56	2	105	22	*
56	3	105	36	*
56	4	105	36	*
58	1,5	105	22	*
58	2	105	22	*
58	3	105	36	*
60	1,5	105	22	*
60	2	105	22	*
60	3	105	36	*
60	4	105	36	*
63	1,5	105	22	*
64	1,5	120	22	*
64	2	120	22	*
64	3	120	36	*
64	4	120	36	*
Altre dimensioni su richiesta / Other dimensions on demand				
* Prezzo e disponibilità a richiesta / Price and delivery time on request				

FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO
Filettatura **UNC** a passo grosso ASME B1.1 - 2A

ROUND DIES with GUN NOSE
UNC Coarse Thread ASME B1.1 - 2A

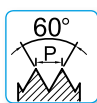
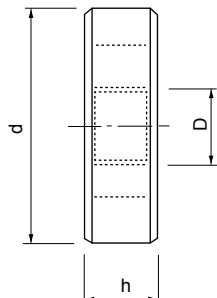


DIN-EN 22568					4665	4665.1
D	filetti x 1" TPI	d	h	Ø mm	HSS	Filettatura SINISTRA LEFT Hand
n. 4	40	20	5	2,845		*
n. 5	40	20	5	3,175		*
n. 6	32	20	5	3,505		*
n. 8	32	20	7	4,166		*
n. 10	24	20	7	4,826		*
n. 12	24	20	7	5,486		*
1/4	20	25	9	6,350		*
5/16	18	25	9	7,938		*
3/8	16	30	11	9,525		*
7/16	14	30	11	11,113		*
1/2	13	38	14	12,700		*
9/16	12	38	14	14,287		*
5/8	11	45	18	15,876		*
3/4	10	45	18	19,050		*
7/8	9	55	22	22,225		*
1"	8	55	22	25,400		*
1 1/8	7	65	25	28,575		-
1 1/4	7	65	25	31,750		-
1 3/8	6	65	25	34,925		-
1 1/2	6	75	30	38,100		-
1 3/4	5	90	36	44,450	*	-
2"	4,5	90	36	50,800	*	-
Altre dimensioni su richiesta / Other dimensions on demand						
* Prezzo e disponibilità a richiesta / Price and delivery time on request						

FILIERE TONDE - ROUND DIES

FILIERE TONDE con IMBOCCO CORRETTO
Filettatura **UNF** a passo fine ASME B1.1 - 2A

ROUND DIES with GUN NOSE
UNF Fine Thread ASME B1.1 - 2A



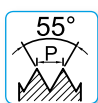
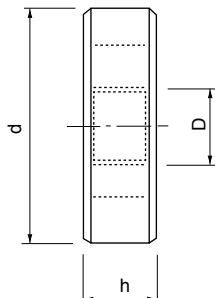
DIN-EN 22568					4675	4675.1
D	filetti x 1" TPI	d	h	Ø mm	HSS	Filettatura SINISTRA LEFT Hand
n. 4	48	20	5	2,845		*
n. 5	44	20	5	3,175		*
n. 6	40	20	5	3,505		*
n. 8	36	20	7	4,166		*
n. 10	32	20	7	4,826		*
n.12	28	20	7	5,486		*
1/4	28	25	9	6,350		*
5/16	24	25	9	7,938		*
3/8	24	30	11	9,525		*
7/16	20	30	11	11,113		*
1/2	20	38	10	12,700		*
9/16	18	38	10	14,287		*
5/8	18	45	14	15,876		*
3/4	16	45	14	19,050		*
7/8	14	55	16	22,225		*
1"	12	55	16	25,400		*
1"1/8	12	65	18	28,575		-
1"1/4	12	65	18	31,750		-
1"3/8	12	65	18	34,925		-
1"1/2	12	75	20	38,100		-
* Prezzo e disponibilità a richiesta / Price and delivery time on request						

FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO
Filettatura ISO 228/1 – **GAS** cilindrica **BSP**

ROUND DIES with GUN NOSE

ISO 228/1 – Whitworth pipe thread BSP



DIN-EN 24231					4645	4645.1	4645.E
D	filetti x 1" TPI	d	h	Ø mm	HSS	Filettatura SINISTRA LEFT Hand	HSSE
1/8	28	30	11	9,728		*	
1/4	19	38	10	13,157		*	
3/8	19	45	14	16,662		*	
1/2	14	45	14	20,955		*	
5/8	14	55	16	22,911		*	-
3/4	14	55	16	26,441		*	
7/8	14	65	18	30,201		*	-
1"	11	65	18	33,249		*	
1"1/4	11	75	20	41,910		*	-
1"1/2	11	90	22	47,803		*	-
1"3/4	11	105	22	53,746		*	-
2"	11	105	22	59,614		*	-
2"1/4	11	120	22	65,710	*	-	-
2"1/2	11	120	22	75,184	*	-	-
3"	11	140	25	87,884	*	-	-

* Prezzo e disponibilit  a richiesta / Price and delivery time on request

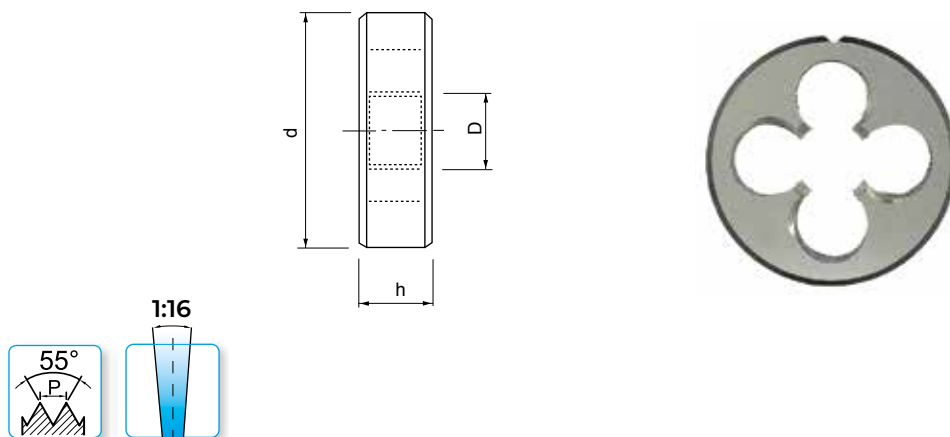
FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO

Filettatura ISO 7/1 - **Gas conica BSPT**, conicità **1:16**

ROUND DIES with GUN NOSE

ISO 7/1 - **Tapered pipe thread BSPT**, taper **1:16**



DIN-EN 24230					4645.2
D	filetti x 1" TPI	d	h	Ø mm	HSS
1/8	28	30	11,5	9,728	
1/4	19	38	13	13,157	
3/8	19	45	15	16,662	
1/2	14	45	19	20,955	
3/4	14	65	22	26,441	
1"	11	65	25,5	33,249	
1"1/4	11	75	28,5	41,910	
1"1/2	11	90	28,5	47,803	
2"	11	105	31,5	59,614	
Altre dimensioni su richiesta / Other dimensions on demand					

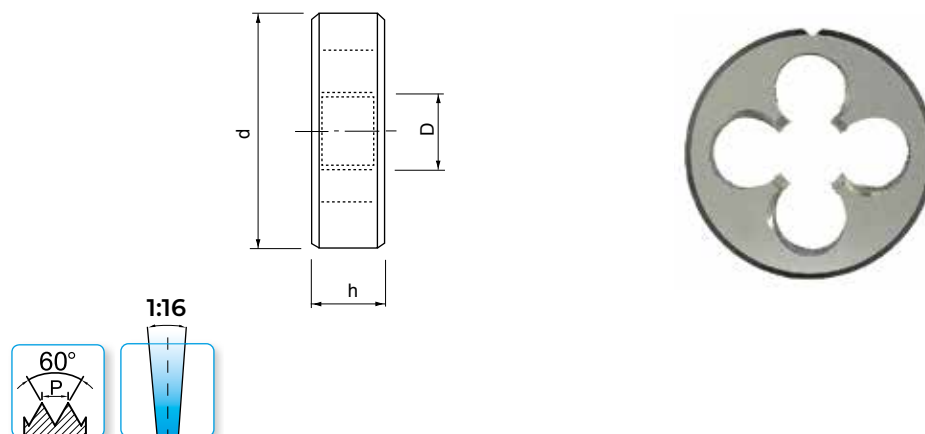
FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO

Filettatura **americana conica NPT**, conicità **1:16** - **ANSI B1.20.1**

ROUND DIES with GUN NOSE

American tapered pipe thread NPT, taper 1:16 - ANSI B1.20.1



DIN-EN 22568					4645.3
D	filetti x 1" TPI	d	h	Ø mm	HSS
1/16	27	25	10	7,938	*
1/8	27	30	10	9,728	
1/4	18	38	15	13,157	
3/8	18	45	15,3	16,662	
1/2	14	45	20	20,955	
3/4	14	55	20,2	26,441	
1"	11,5	65	25	33,249	
1"1/4	11,5	75	25,6	41,910	
1"1/2	11,5	90	26	47,803	
2"	11,5	105	26,9	59,614	

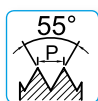
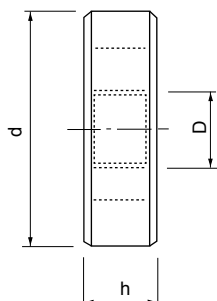
* Prezzo a richiesta / Price on demand

FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO
Filettatura **Whitworth BSW** - norma BS 84

ROUND DIES with GUN NOSE

British Standard Whitworth Thread BSW - BS 84 norm

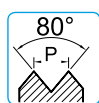
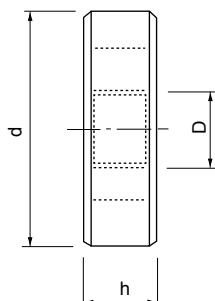


DIN-EN 22568					4635	4635.1
D	filetti x 1" TPI	d	h	Ø mm	HSS	Filettatura SINISTRA LEFT Hand
1/8	40	20	5	3,175		*
5/32	32	20	5	3,969		*
3/16	24	20	7	4,762		*
1/4	20	20	9	6,350		*
5/16	18	25	9	7,938		*
3/8	16	30	11	9,525		*
7/16	14	30	11	11,113		*
1/2	12	38	14	12,700		*
9/16	12	38	14	14,287		*
5/8	11	45	18	15,876		*
3/4	10	45	18	19,050		*
7/8	9	55	22	22,225		*
1"	8	55	22	25,400		*
1 1/8	7	65	25	28,575	*	-
1 1/4	7	65	25	31,750	*	-
1 3/8	6	65	25	34,925	*	-
1 1/2	6	75	30	38,100	*	-
* Prezzo e disponibilità a richiesta / Price and delivery time on request						

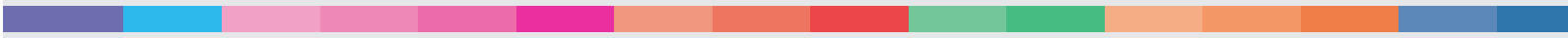
FILIERE TONDE - *ROUND DIES*

FILIERE TONDE con IMBOCCO CORRETTO
Filettatura PG per tubi corazzati - DIN 40430

ROUND DIES with GUN NOSE
PG steel conduit Thread - DIN 40430



DIN-EN 40434					4655
D	filetti x 1" TPI	d	h	Ø mm	HSS
n. 7	20	38	14	12,50	
n. 9	18	38	14	15,20	
n. 11	18	45	14	18,60	
n. 13,5	18	45	14	20,40	
n. 16	18	55	16	22,50	
n. 21	16	65	18	28,30	
n. 29	16	65	18	37,00	
n. 36	16	90	22	47,00	
Altre dimensioni su richiesta / Other dimensions on demand					



Condizioni Generali di Vendita

General Terms of Delivery

La merce si intende franco nostro magazzino di Robecco sul Naviglio.

La merce viaggia a rischio e pericolo del committente anche se per speciali accordi viene spedita in porto franco con addebito in fattura del costo della spedizione.

I termini di consegna non sono mai impegnativi e la mancata consegna di parte o di tutta l'ordinazione non può dar luogo ad alcuna rivalsa di danni verso la nostra ditta, salvo diverse pattuizioni scritte, regolarmente accettate e contro firmate.

La severità dei nostri controlli permette ai nostri utensili di essere esenti da vizi di fabbricazione. Se tuttavia, a seguito di situazioni non dipendenti dalla nostra volontà, si dovesse riscontrare un difetto su uno dei nostri utensili, la nostra garanzia si limiterà unicamente alla sostituzione dell'utensile stesso una volta da noi riconosciuto come difettoso.

Relativamente ad eventuali pezzi mancanti nella spedizione, nessun reclamo potrà essere accolto dopo 8 giorni dalla data di spedizione.

Analogamente non si accettano resi di merce decorsi 8 giorni dalla data di spedizione e, comunque, non si accettano resi se non precedentemente concordati e solo per merce non conforme a quanto ordinato.

Si riconoscono solo pagamenti fatti contro nostra R.I.BA. o con bonifici anticipati.

I prezzi del presente listino annullano i precedenti e possono venire variati, senza preavviso, a seconda delle condizioni di mercato.

Per qualsiasi controversia è competente il solo Foro di Milano.

Deliveries are made ex works from our stock in Robecco sul Naviglio at customer's risk even if, for special agreements, they can be arranged with carriage and insurance paid to the place of destination by F.I.U.M. srl and exposed on the invoice.

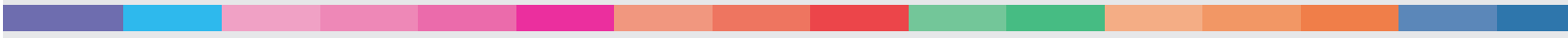
Delivery time is purely indicative : deliveries are made as promptly as possible and if, however, an unforeseen delivery delay occur, this don't authorize the customer to cancel the order or to claim for damages, except for different agreements accepted and countersigned.

The severity of our checks allows our tools to be free from manufacturing defects. However, because of situations beyond our control, if a defect could be found on one of our tools, our guarantee will be limited to the replacement of the tool itself once recognized by us as defective. Regarding any missing pieces in the shipment, no claim can be accepted after 8 days from the shipment date.

Similarly, returns of goods are not accepted after 8 days from the date of shipment and, in any case, returns are not accepted unless previously agreements and only for goods that are not conform to what was ordered.

Prices of this catalogue cancel the old ones and they can be changed, without notice, in rapport to the conditions of the market.

For all legal matters the Court of Milan is the only valid domicile.





FIUM s.r.l.

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