

FIL

TECNOLOGIA DI FILETTATURA FRESE PER FILETTARE

THREADING TECHNOLOGY
THREADING MILLS



Con le frese per filettare FIL di IGUTENSILI le lavorazioni di filettatura vengono eseguite rapidamente e in modo produttivo senza rinunciare alla qualità della lavorazione. Questi utensili sono impiegabili su di una vastissima gamma di macchinari a controllo numerico come CENTRI di LAVORO, CENTRI di TORNITURA, TRANSFER ed anche su LINEE DI PRODUZIONE AVANZATA ove è possibile abbattere sia i tempi di lavorazione che di attrezzaggio, gli utensili FIL possono essere utilizzati su macchinari con almeno 3 assi in movimento. L'utensile FIL-Frese per filettare è una conseguenza di questo impegno nel realizzare filettature in modo VELOCE e con la massima EFFICACIA.

Con la sintesi di più strumenti e, di conseguenza, di più lavorazioni accorpate con unico utensile, si offrono ampi margini di risparmio, tempi macchina ridotti, gestione utensileria semplificata. Nel FIL sono presenti diverse tipologie di utensile dalla fresa per la sola filettatura fino ad utensile che FORA-SMUSSA-FILETTA in unica soluzione, anche su materiali con durezza pari a 65 HRC, la gamma di utensili FIL è dotata di REFRIGERAZIONE forzata INTERNA sia alla TESTA che RADIALE, garantendo in questo modo un'ottima lubrificazione nel punto di taglio ed una eccellente evacuazione del truciolo. Esse assicurano rugosità ridotte, massima precisione dimensionale, riducendo al minimo la produzione di bave eliminando così successive operazioni di pulizia / sbavatura.

Gli utensili FIL-Frese per Filettare, sono rivestiti TNF o LTM in funzione del materiale da lavorare, raggiungono alti valori di taglio e lunga durata, garantendo sempre la massima stabilità del ciclo produttivo, inoltre i FIL, nonostante la complessa tecnologia costruttiva, permettono

le operazioni di affilatura e rivestimento, donando all'utensile stesso nuova vita con rendimenti eccellenti. Da non sottovalutare la possibilità di produrre Frese per Filettare FIL speciali a disegno, IGUTENSILI è in grado di sviluppare un'infinita gamma di filettature per le più svariate applicazioni, di seguito alcuni esempi, MJ DIN ISO 5855, NPSFR ANSI B1.20.3, W keg DIN 477, W zyl DIN 477, EG M DIN 8140-2, LK-M, Tr DIN 103, Tr-F DIN 103, Rd DIN 405...

With the FIL threading mills by IGUTENSILI the threading operations are performed quickly and productively without sacrificing the quality of the processing.

These tools can be used on a very wide range of CNC machines such as WORK CENTRES, TURNING CENTRES, TRANSFER and also on ADVANCED PRODUCTION LINES where it is possible to reduce both processing and tooling time; the FIL tools can be used on machines with at least 3 moving axes. The FIL-Threading mill is a consequence of this commitment in making threads in a FAST way and with the maximum EFFECTIVENESS.

The union of the two tools and, consequently, two machining processes merged into a single tool, offer significant savings, reduced machine times and simplified tool management. The FIL range includes different types of tools from the mill for threading only up to the tool that DRILL-TAPER-THREAD in a single solution, even on materials with hardness equal to 65 HRC, the FIL range of tools is equipped with INTERNAL HEAD and RADIAL forced COOLANT, guaranteeing in this way an excellent lubrication at the cutting point and an excellent chip evacuation. These tools ensure reduced roughness, maximum dimensional accuracy, reducing burr production to a minimum, thus eliminating subsequent cleaning/deburring operations.

The FIL-Threading tools are TNF or LTM coated according to the material to be processed, reaching high cutting values and long life, always guaranteeing the maximum stability of the production cycle; also, FIL, despite the complex manufacturing technology, allow sharpening and coating operations, giving the tool a new lease of life with excellent yields.

Not to underestimate the possibility of producing special FIL Threading Mills with special designs, IGUTENSILI is able to develop an infinite range of threads for the most varied applications, below some examples, MJ DIN ISO 5855, NPSFR ANSI B1.20.3, W keg DIN 477, W zyl DIN 477, EG M DIN 8140-2, LK-M, Tr DIN 103, Tr-F DIN 103, Rd DIN 405...

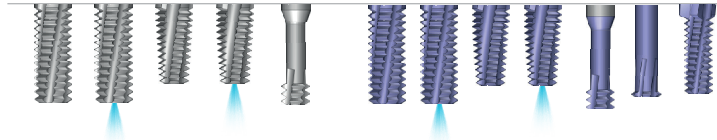
I valori di velocità di taglio / periferica (vc in m/min) qui elencati sono puramente indicativi e devono essere adattati alle condizioni d'impiego (materiale, lubrореriferazione, macchina utensile ecc.). Confronto internazionale dei materiali, vedere pagina Z • 21

The cutting speeds (vc in m/min) listed in the respective columns are standard values which have to be adjusted to individual work conditions (material, lubrication, machine etc.). International comparison of materials, see page Z • 21

Vc = Velocità di taglio (m/min) Vc = Cutting speed (m/min)
Fz = Avanzamento per dente (mm) Fz = Feed for tooth (mm)

M
MF
UNC
UNF
G, RP, W
BSW,BSF
NPT
NPTF
BSPT
MJ
UNJ
M-EXT, MJ-EXT
PG
EGM, EGUN

	Materiale		Material	Material examples	Mat. numbers
P	Acciai		Steel materials		
	1.1	Acciai estrusi a freddo	Cold-extrusion steel	Cq15	1.1132
		Acciai da costruzione	Costruction steels	S235JR (St37-2)	1.0037
		Acciai alta velocità	Free-cutting steel, etc.	10SPb20	1.0722
	2.1	Acciai da cementazione	Costruction steels	E360 (St70-2)	1.0070
		Fusione d'acciaio, ecc.	Cementation steel	16MnCr5	1.7131
		Acciai da cementazione	Steel casting, etc.	GS-25CrMo4	1.7218
	3.1	Acciai da bonifica	Cementation steel	20MoCr3	1.7320
		Acciai per lavorazioni a freddo, ecc.	Heat-treatable steels	42CrMo4	1.7225
		Acciai da bonifica	Cold work steels, etc.	102Cr6	1.2067
	4.1	Acciai per lavorazioni a freddo	Heat-treatable steels	50CrMo4	1.7228
		Acciai da nitrurazione, ecc.	Cold work steels	X45NiCrMo4	1.2767
		Acciai fortemente legati	Nitriding steels, etc.	31CrMo12	1.8515
	5.1	Acciai per lavorazioni a freddo	High-alloyed steels	X38CrMoV5-3	1.2367
		Acciai per lavorazioni a caldo, ecc.	Cold work steels	X100CrMoV8-1-1	1.2990
			Hot work steels, etc.	X40CrMoV5-1	1.2344
		Acciai inossidabili	Stainless steel materials		
	1.1	Ferritici, martensitici	Ferritic, martensitic	X2CrTi12	1.4512
	2.1	Austenitici	Austenitic	X6CrNiMoTi17-12-2	1.4571
	3.1	Austenitici-ferritici (Duplex)	Austenitic-ferritic (Duplex)	X2CrNiMoN22-5-3	1.4462
	4.1	Austenitici-ferritici resistenti al calore (Super Duplex)	Austenitic-ferritic heat-resistant (Super Duplex)	X2CrNiMoN25-7-4	1.4410
K	Ghise		Cast materials		
	1.1	Ghise con grafite lamellare (GJL)	Cast iron with lamellar graphite (GJL)	EN-GJL-200 (GG20)	EN-JL-1030
	1.2			EN-GJL-300 (GG30)	EN-JL-1050
	2.1	Ghise con grafite nodulare (GJS)	Cast iron with nodular graphite (GJS)	EN-GJS-400-15 (GGG40)	EN-JS-1030
	2.2			EN-GJS-700-2 (GGG70)	EN-JS-1070
	3.1	Ghise con grafite vermicolare (GJV)	Cast iron with vermicular graphite (GJV)	GJV 300	
	3.2			GJV 450	
	4.1	Ghise malleabili (GTMW, GTMB)	Malleable cast iron (GTMW, GTMB)	EN-GJMW-350-4 (GTW-35)	EN-JM-1010
	4.2			EN-GJMB-450-6 (GTS-45)	EN-JM-1140
N	Materiali non ferrosi		Non ferrous materials		
	Leghe di alluminio		Aluminium alloys		
	1.1			EN AW-AlMn1	EN AW-3103
	1.2	Leghe di alluminio malleabili	Aluminium wrought alloys	EN AW-AlMgSi	EN AW-6060
	1.3			EN AW-AlZn5Mg3Cu	EN AW-7022
	1.4			EN AC-AlMg5	EN AC-51300
	1.5	Leghe fuse di alluminio	Aluminium cast alloys	EN AC-ALSi9Cu3	EN AC-46500
	1.6			GD-ALSi17Cu4FeMg	
		Leghe di rame	Copper alloys		
	2.1	Rame puro, Rame poco legato	Pure copper, low-alloyed copper	E-Cu 57	EN CW 004 A
	2.2	Leghe rame-zinco (ottone, truciolo lungo)	Copper-zinc alloys (brass, long-chipping)	CuZn37 (Ms63)	EN CW 508 L
	2.3	Leghe rame-zinco (ottone, truciolo corto)	Copper-zinc alloys (brass, short-chipping)	CuZn36Pb3 (Ms58)	EN CW 603 N
	2.4	Leghe rame-alluminio (alubronzo, truciolo lungo)	Copper-aluminium alloys (alu bronze, long-chipping)	CuAl10Ni5Fe4	EN CW 307 G
	2.5	Leghe rame-stagno (bronzو, truciolo lungo)	Copper-tin alloys (tin bronze, long-chipping)	CuSn8P	EN CW 459 K
	2.6	Leghe rame-stagno (bronzو, truciolo corto)	Copper-tin alloys (tin bronze, short-chipping)	CuSn7 ZnPb (Rg7)	2.1090
	2.7			(AMPCO® 8)	
	2.8	Leghe di rame speciali	Special copper alloys	(AMPCO® 45)	
		Leghe di magnesio	Magnesium alloys		
	3.1	Leghe di magnesio malleabili	Magnesium wrought alloys	MgAl6Zn	3.5612
	3.2	Leghe per getti di magnesio	Magnesium cast alloys	EN-MCMgAl9Zn1	EN-MC21120
		Materie plastiche	Synthetics		
	4.1	Materie plastiche termoindurenti (truciolo corto)	Duroplastics (short-chipping)	Bakelit, Pertinax	
	4.2	Resine termoplastiche (truciolo lungo)	Thermoplastics (long-chipping)	PMMA, POM, PVC	
	4.3	Resine epossidiche (percentuale di fibre ≤ 30%)	Fibre-reinforced synthetics (fibre content ≤ 30%)	GFK, CFK, AFK	
	4.4	Resine epossidiche (percentuale di fibre > 30%)	Fibre-reinforced synthetics (fibre content > 30%)	GFK, CFK, AFK	
		Materiali speciali	Special materials		
	5.1	Grafite	Graphite	C 8000	
	5.2	Leghe tungsteno-rame	Tungsten-copper alloys	W-Cu 80/20	
	5.3	Materiali compositi	Composite materials	Hylite, Alucobond	
S	Materiali speciali		Special materials		
	Leghe di titanio		Titanium alloys		
	1.1	Titanio puro	Pure titanium	Ti1	3.7025
	1.2			TiAl6V4	3.7165
	1.3	Leghe di titanio	Titanium alloys	TiAl4Mo4Sn2	3.7185
		Leghe di nichel, cobalto e ferro	Nickel alloys, cobalt alloys and iron alloys		
	2.1	Nichel puro	Pure nickel	Ni 99,6	2.4060
	2.2			Monel 400	2.4360
	2.3	Leghe base nichel	Nickel-base alloys	Inconel 718	2.4668
	2.4			Udimet 605	
	2.5	Leghe base cobalto	Cobalt-base alloys	Haynes 25	2.4964
	2.6	Leghe base ferro	Iron-base alloys	Incoloy 800	1.4958
H	Materiali duri		Hard materials		
	1.1			Weldox 1100	
	1.2			Hardox 550	
	1.3	*Acciai ad alta resistenza, Acciai temprati, Ghise in conchiglia	High strength steels, hardened steels, hard castings*	Armox 600T	
	1.4			Ferro-Titanit	
	1.5			HSSE	



4D 17, 4D 19, 4D 65, 4D 67	4D 17, 4D 19, 4D 65, 4D 67, 4D 75, 4D 49					M	
4D 17, 4D 19	4D 17, 4D 19, 4D 49					MF	
4D 21, 4D 23, 4D 69, 4D 71	4D 21, 4D 23, 4D 69, 4D 71					UNC	
4D 21, 4D 23, 4D 69, 4D 71	4D 21, 4D 23, 4D 69, 4D 71					UNF	
4D 25, 4D 27, 4D 73	4D 25, 4D 27, 4D 73					G, RP, W	
4D 29	4D 29					BSW,BSF	
4D 51, 4D 53	4D 51, 4D 53					NPT	
4D 55, 4D 57	4D 55, 4D 57					NPTF	
4D 59, 4D 61	4D 59, 4D 61					BSPT	
4D 77, 4D 79, 4D 85, 4D 87	4D 77, 4D 79, 4D 85, 4D 87					MJ	
4D 81, 4D 83, 4D 89, 4D 91	4D 81, 4D 83, 4D 89, 4D 91					UNJ	
4D 93, 4D 95, 4D 97, 4D 101, 4D 99, 4D 103	4D 93, 4D 95, 4D 97, 4D 99, 4D 101, 4D 103					M-EXT, MJ-EXT	
4D 123	4D 123					PG	
4D 105, 4D 107, 4D 109, 4D 111	4D 105, 4D 107, 4D 109, 4D 111					EGM, EGUN	
		Vc Uncoated	Vc Coated TNF	f z ø d1 ≤ 4 mm	f z ø d1 ≤ 8 mm	f z ø d1 > 8 mm	
40 - 100		80 - 250	0,005 - 0,04	0,04 - 0,07	0,05 - 0,15		P
30 - 80		60 - 150	0,005 - 0,04	0,04 - 0,07	0,05 - 0,15	2.1	
20 - 60		40 - 120	0,005 - 0,03	0,03 - 0,05	0,04 - 0,12	3.1	
20 - 60		40 - 120	0,003 - 0,02	0,02 - 0,05	0,04 - 0,12	4.1	
20 - 60		40 - 120	0,003 - 0,02	0,02 - 0,05	0,04 - ,12	5.1	
							M
		40 - 120	0,003 - 0,03	0,03 - 0,05	0,04 - 0,12	1.1	
		40 - 120	0,003 - 0,03	0,03 - 0,05	0,04 - 0,12	2.1	
		30 - 80	0,003 - 0,02	0,02 - 0,05	0,04 - 0,10	3.1	K
		30 - 60	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	4.1	
80 - 140		100 - 200		0,04 - 0,07	0,05 - 0,15	1.1	N
80 - 140		100 - 200		0,04 - 0,07	0,05 - 0,15	1.2	
60 - 120		80 - 200		0,04 - 0,07	0,05 - 0,15	2.1	
60 - 120		80 - 200		0,04 - 0,07	0,05 - 0,15	2.2	
60 - 120		80 - 200		0,04 - 0,07	0,05 - 0,15	3.1	
60 - 120		80 - 200		0,04 - 0,07	0,05 - 0,15	3.2	
60 - 120		80 - 200		0,04 - 0,07	0,05 - 0,15	4.1	
60 - 120		80 - 200		0,04 - 0,07	0,05 - 0,15	4.2	
							S
100 - 250		150 - 400	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	1.1	
100 - 250		150 - 400	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	1.2	
100 - 250		150 - 400	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	1.3	
150 - 250		150 - 400	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	1.4	
150 - 250		150 - 400	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	1.5	
150 - 250		100 - 200	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	1.6	
100 - 250		150 - 400	0,008 - 0,05	0,05 - 0,08	0,07 - 0,20	2.1	
100 - 250		150 - 400	0,008 - 0,05	0,05 - 0,08	0,07 - 0,20	2.2	
100 - 250		150 - 400	0,008 - 0,05	0,05 - 0,08	0,07 - 0,20	2.3	
60 - 150		100 - 250	0,008 - 0,04	0,04 - 0,07	0,05 - 0,15	2.4	
60 - 150		100 - 250	0,008 - 0,04	0,04 - 0,07	0,05 - 0,15	2.5	
80 - 200		100 - 250	0,008 - 0,04	0,04 - 0,07	0,05 - 0,15	2.6	
		40 - 80	0,003 - 0,02	0,02 - 0,04	0,04 - 0,15	2.7	
150 - 250		150 - 400	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	3.1	
150 - 250		150 - 400	0,01 - 0,05	0,05 - 0,08	0,07 - 0,20	3.2	
60 - 150			0,01 - 0,05	0,05 - 0,10	0,08 - 0,25	4.1	
60 - 150			0,01 - 0,05	0,05 - 0,10	0,08 - 0,25	4.2	
		80 - 120	0,01 - 0,05	0,05 - 0,10	0,08 - 0,25	4.3	
		80 - 120	0,01 - 0,05	0,05 - 0,10	0,08 - 0,25	4.4	
		100 - 200		0,04 - 0,07	0,08 - 0,25	5.1	
15 - 40		30 - 60		0,02 - 0,04	0,08 - 0,25	5.2	
					0,08 - 0,25	5.3	
15 - 50		30 - 80	0,003 - 0,03	0,03 - 0,05	0,04 - 0,10	1.1	
15 - 50		30 - 80	0,003 - 0,03	0,03 - 0,05	0,04 - 0,10	1.2	
15 - 40		30 - 60	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	1.3	
		30 - 60	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.1	
		30 - 60	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.2	
		30 - 60				2.3	
		30 - 40	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.4	
		30 - 40				2.5	
		30 - 40	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.6	
						1.1	
						1.2	
						1.3	
						1.4	
						1.5	

I valori di velocità di taglio / periferica (vc in m/min) qui elencati sono puramente indicativi e devono essere adattati alle condizioni d'impiego (materiale, lubrorefrigerazione, macchina utensile ecc.). Confronto internazionale dei materiali, vedere pagina Z • 21

The cutting speeds (vc in m/min) listed in the respective columns are standard values which have to be adjusted to individual work conditions (material, lubrication, machine etc.). International comparison of materials, see page Z • 21

Vc = Velocità di taglio (m/min) Vc = Cutting speed (m/min)
Fz = Avanzamento per dente (mm) Fz = Feed for tooth (mm)
Fb = Avanzamento di foratura (mm/giro) Fb = Drilling feed (mm/U)

M
MF
UNC
UNF
G, RP, W
BSW,BSF
NPT
NPTF
BSPT
MJ
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M-EXT, MJ-EXT
PG
EGM

	Materiale	Material	Material examples	Mat. numbers
P	Acciai	Steel materials		
	1.1 Acciai estrusi a freddo	Cold-extrusion steel	Cq15	1.1132
	1.1 Acciai da costruzione	Costruction steels	S235JR (St37-2)	1.0037
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	2.1 Acciai da cementazione	Cementation steel	16MnCr5	1.7131
	2.1 Fusione d'acciaio, ecc.	Steel casting, etc.	GS-25CrMo4	1.7218
	2.1 Acciai da cementazione	Cementation steel	20MoCr3	1.7320
	3.1 Acciai da bonifica	Heat-treatable steels	42CrMo4	1.7225
	3.1 Acciai per lavorazioni a freddo, ecc.	Cold work steels, etc.	102Cr6	1.2067
	3.1 Acciai da bonifica	Heat-treatable steels	50CrMo4	1.7228
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	4.1 Acciai fortemente legati	High-alloyed steels	X38CrMoV5-3	1.2367
	5.1 Acciai per lavorazioni a freddo	Cold work steels	X100CrMoV8-1-1	1.2990
	5.1 Acciai per lavorazioni a caldo, ecc.	Hot work steels, etc.	X40CrMoV5-1	1.2344
	Acciai inossidabili	Stainless steel materials		
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	2.1 Austenitici	Austenitic	X6CrNiMoTi17-12-2	1.4571
M	3.1 Austenitici-ferritici (Duplex)	Austenitic-ferritic (Duplex)	X2CrNiMoN22-5-3	1.4462
	4.1 Austenitici-ferritici resistenti al calore (Super Duplex)	Austenitic-ferritic heat-resistant (Super Duplex)	X2CrNiMoN25-7-4	1.4410
K	Ghise	Cast materials		
	1.1 Ghise con grafite lamellare (GJL)	Cast iron with lamellar graphite (GJL)	EN-GJL-200 (GG20)	EN-JL-1030
	1.2 Ghise con grafite lamellare (GJL)	Cast iron with lamellar graphite (GJL)	EN-GJL-300 (GG30)	EN-JL-1050
	2.1 Ghise con grafite nodulare (GJS)	Cast iron with nodular graphite (GJS)	EN-GJS-400-15 (GGG40)	EN-JS-1030
	2.2 Ghise con grafite nodulare (GJS)	Cast iron with nodular graphite (GJS)	EN-GJS-700-2 (GGG70)	EN-JS-1070
	3.1 Ghise con grafite vermicolare (GJV)	Cast iron with vermicular graphite (GJV)	GJV 300	
	3.2 Ghise con grafite vermicolare (GJV)	Cast iron with vermicular graphite (GJV)	GJV 450	
	4.1 Ghise malleabili (GTMW, GTMB)	Malleable cast iron (GTMW, GTMB)	EN-GJMW-350-4 (GTW-35)	EN-JM-1010
	4.2 Ghise malleabili (GTMW, GTMB)	Malleable cast iron (GTMW, GTMB)	EN-GJMB-450-6 (GTS-45)	EN-JM-1140
N	Materiali non ferrosi	Non ferrous materials		
	Leghe di alluminio	Aluminium alloys		
	1.1 Leghe di alluminio	Aluminium alloys	EN AW-ALMn1	EN AW-3103
	1.2 Leghe di alluminio malleabili	Aluminium wrought alloys	EN AW-ALMgSi	EN AW-6060
	1.3 Leghe di alluminio malleabili	Aluminium wrought alloys	EN AW-ALZn5Mg3Cu	EN AW-7022
	1.4 Leghe di alluminio	Aluminium wrought alloys	EN AC-ALMg5	EN AC-51300
	1.5 Leghe fuse di alluminio	Aluminium cast alloys	EN AC-ALSi9Cu3	EN AC-46500
	1.6 Leghe di alluminio	Aluminium cast alloys	GD-ALSi17Cu4FeMg	
	Leghe di rame	Copper alloys		
	2.1 Rame puro, Rame poco legato	Pure copper, low-alloyed copper	E-Cu 57	EN CW 004 A
	2.2 Leghe rame-zinco (ottone, truciolo lungo)	Copper-zinc alloys (brass, long-chipping)	CuZn37 (Ms63)	EN CW 508 L
	2.3 Leghe rame-zinco (ottone, truciolo corto)	Copper-zinc alloys (brass, short-chipping)	CuZn36Pb3 (Ms58)	EN CW 603 N
	2.4 Leghe rame-alluminio (alubronzo, truciolo lungo)	Copper-aluminium alloys (alu bronze, long-chipping)	CuAl10Ni5Fe4	EN CW 307 G
	2.5 Leghe rame-stagno (bronzio, truciolo lungo)	Copper-tin alloys (tin bronze, long-chipping)	CuSn8P	EN CW 459 K
	2.6 Leghe rame-stagno (bronzio, truciolo corto)	Copper-tin alloys (tin bronze, short-chipping)	CuSn7 ZnPb (Rg7)	2.1090
	2.7 Leghe di rame speciali	Special copper alloys	(AMPCO® 8)	
	2.8 Leghe di rame speciali	Special copper alloys	(AMPCO® 45)	
	Leghe di magnesio	Magnesium alloys		
	3.1 Leghe di magnesio malleabili	Magnesium wrought alloys	MgAl6Zn	3.5612
	3.2 Leghe per getti di magnesio	Magnesium cast alloys	EN-MCMgAl9Zn1	EN-MC21120
	Materie plastiche	Synthetics		
	4.1 Materie plastiche termoindurenti (truciolo corto)	Duroplastics (short-chipping)	Bakelit, Pertinax	
	4.2 Resine termoplastiche (truciolo lungo)	Thermoplastics (long-chipping)	PMMA, POM, PVC	
	4.3 Resine epossidiche (percentuale di fibre ≤ 30%)	Fibre-reinforced synthetics (fibre content ≤ 30%)	GFK, CFK, AFK	
	4.4 Resine epossidiche (percentuale di fibre > 30%)	Fibre-reinforced synthetics (fibre content > 30%)	GFK, CFK, AFK	
	Materiali speciali	Special materials		
	5.1 Grafite	Graphite	C 8000	
	5.2 Leghe tungsteno-rame	Tungsten-copper alloys	W-Cu 80/20	
	5.3 Materiali compositi	Composite materials	Hylite, Alucobond	
S	Materiali speciali	Special materials		
	Leghe di titanio	Titanium alloys		
	1.1 Titanio puro	Pure titanium	Ti1	3.7025
	1.2 Leghe di titanio	Titanium alloys	TiAl6V4	3.7165
	1.3 Leghe di titanio	Titanium alloys	TiAl4Mo4Sn2	3.7185
	Leghe di nichel, cobalto e ferro	Nickel alloys, cobalt alloys and iron alloys		
	2.1 Nichel puro	Pure nickel	Ni 99,6	2.4060
	2.2 Leghe base nichel	Nickel-base alloys	Monel 400	2.4360
	2.3 Leghe base nichel	Nickel-base alloys	Inconel 718	2.4668
	2.4 Leghe base cobalto	Cobalt-base alloys	Udimet 605	
	2.5 Leghe base cobalto	Cobalt-base alloys	Haynes 25	2.4964
	2.6 Leghe base ferro	Iron-base alloys	Incoloy 800	1.4958
H	Materiali duri	Hard materials		
	1.1 Acciai ad alta resistenza, Acciai temprati, Ghise in conchiglia	High strength steels, hardened steels, hard castings*	Weldox 1100	
	1.2 Acciai ad alta resistenza, Acciai temprati, Ghise in conchiglia	High strength steels, hardened steels, hard castings*	Hardox 550	
	1.3 Acciai ad alta resistenza, Acciai temprati, Ghise in conchiglia	High strength steels, hardened steels, hard castings*	Armox 600T	
	1.4 Acciai ad alta resistenza, Acciai temprati, Ghise in conchiglia	High strength steels, hardened steels, hard castings*	Ferro-Titanit	
	1.5 Acciai ad alta resistenza, Acciai temprati, Ghise in conchiglia	High strength steels, hardened steels, hard castings*	HSSE	

4D 31, 4D 33, 4D 35	4D 31, 4D 33, 4D 35					M
4D 31, 4D 33, 4D 35	4D 31, 4D 33, 4D 35					MF
4D 37, 4D 39, 4D 41	4D 37, 4D 39, 4D 41					UNC
4D 37, 4D 39, 4D 41	4D 37, 4D 39, 4D 41					UNF
4D 43, 4D 45, 4D 47	4D 43, 4D 45, 4D 47					G, RP, W
						BSW,BSF
						NPT
						NPTF
						BSPT
						MJ
						UNJ
						M-EXT, MJ-EXT
						PG
						EGM
Vc Uncoated	Vc Coated TNF	f b ø d1 ≤ 8 mm	f b ø d1 > 8 mm	f z ø d1 ≤ 8 mm	f z ø d1 > 8 mm	
						P
						1.1
						2.1
						3.1
						4.1
						5.1
						M
						1.1
						2.1
						3.1
						4.1
						K
80 - 140	80 - 160	0,10 - 0,25	0,20 - 0,40	0,04 - 0,07	0,05 - 0,12	1.1
80 - 140	80 - 160	0,10 - 0,25	0,20 - 0,40	0,04 - 0,07	0,05 - 0,12	1.2
80 - 140	80 - 160	0,10 - 0,25	0,15 - 0,25	0,04 - 0,07	0,05 - 0,12	2.1
80 - 140	80 - 160	0,10 - 0,25	0,15 - 0,25	0,04 - 0,07	0,05 - 0,12	2.2
80 - 140	80 - 160	0,10 - 0,25	0,20 - 0,40	0,04 - 0,07	0,05 - 0,12	3.1
80 - 140	80 - 160	0,10 - 0,25	0,20 - 0,40	0,04 - 0,07	0,05 - 0,12	3.2
						4.1
						4.2
						N
100 - 250	150 - 250	0,08 - 0,15	0,15 - 0,25	0,04 - 0,08	0,07 - 0,15	1.1
100 - 250	150 - 250	0,08 - 0,15	0,15 - 0,25	0,04 - 0,08	0,07 - 0,15	1.2
100 - 250	150 - 250	0,08 - 0,15	0,15 - 0,25	0,04 - 0,08	0,07 - 0,15	1.3
150 - 250	150 - 400	0,15 - 0,25	0,20 - 0,40	0,04 - 0,08	0,07 - 0,15	1.4
150 - 250	150 - 400	0,15 - 0,25	0,20 - 0,40	0,04 - 0,08	0,07 - 0,15	1.5
	100 - 200	0,15 - 0,25	0,20 - 0,40	0,04 - 0,08	0,07 - 0,15	1.6
						2.1
100 - 250	150 - 400	0,10 - 0,20	0,15 - 0,30	0,05 - 0,08	0,07 - 0,15	2.2
100 - 250	150 - 400	0,10 - 0,20	0,15 - 0,30	0,05 - 0,08	0,07 - 0,15	2.3
						2.4
						2.5
80 - 200	100 - 250	0,10 - 0,25	0,20 - 0,40	0,04 - 0,07	0,05 - 0,12	2.6
						2.7
						3.1
100 - 250	150 - 400	0,10 - 0,20	0,15 - 0,30	0,04 - 0,08	0,07 - 0,15	3.2
						4.1
60 - 150	100 - 400	0,15 - 0,30	0,20 - 0,40	0,05 - 0,10	0,08 - 0,20	4.1
						4.2
						4.3
						4.4
						S
						1.1
						1.2
						1.3
						2.1
						2.2
						2.3
						2.4
						2.5
						2.6
						H
						1.1
						1.2
						1.3
						1.4
						1.5

I valori di velocità di taglio / periferica (vc in m/min) qui elencati sono puramente indicativi e devono essere adattati alle condizioni d'impiego (materiale, lubrificante, macchina utensile ecc.). Confronto internazionale dei materiali, vedere pagina Z • 21

The cutting speeds (vc in m/min) listed in the respective columns are standard values which have to be adjusted to individual work conditions (material, lubrication, machine etc.). International comparison of materials, see page Z • 21

V_c = Velocità di taglio (m/min)

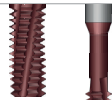
V_c = Cutting speed (m/min)

F_z = Avanzamento per dente (mm)

F_z = Feed for tooth (mm)

M
MF
UNC
UNF
G, RP, W
BSW,BSF
NPT
NPTF
BSPT
MJ
UNJ
M-EXT, MJ-EXT
PG
EGM, EGUN

	Material	Material	Material examples	Mat. numbers	
P	Acciai	Steel materials			
	1.1 Acciai estrusi a freddo	Cold-extrusion steel	Cq15	1.1132	
	Acciai da costruzione	Costruction steels	S235JR (St37-2)	1.0037	
	Acciai alta velocità	Free-cutting steel, etc.	10SPb20	1.0722	
	2.1 Acciai da cementazione	Costruction steels	E360 (St70-2)	1.0070	
	Fusione d'acciaio, ecc.	Cementation steel	16MnCr5	1.7131	
	Acciai da cementazione	Steel casting, etc.	GS-25CrMo4	1.7218	
	Acciai da bonifica	Cementation steel	20MoCr3	1.7320	
	Acciai per lavorazioni a freddo, ecc.	Heat-treatable steels	42CrMo4	1.7225	
	Acciai da bonifica	Cold work steels, etc.	102Cr6	1.2067	
	4.1 Acciai per lavorazioni a freddo	Heat-treatable steels	50CrMo4	1.7228	
	Acciai da nitrazione, ecc.	Cold work steels	X45NiCrMo4	1.2767	
	Acciai fortemente legati	Nitriding steels, etc.	31CrMo12	1.8515	
	5.1 Acciai per lavorazioni a freddo	High-alloyed steels	X38CrMoV5-3	1.2367	
	Acciai per lavorazioni a caldo, ecc.	Cold work steels	X100CrMoV8-1-1	1.2990	
	Hot work steels, etc.	X40CrMoV5-1	1.2344		
M	Acciai inossidabili	Stainless steel materials			
	1.1 Ferritici, martensitici	Ferritic, martensitic	X2CrTi12	1.4512	
	2.1 Austenitici	Austenitic	X6CrNiMoTi17-12-2	1.4571	
	Austenitici-ferritici (Duplex)	Austenitic-ferritic (Duplex)	X2CrNiMoN22-5-3	1.4462	
	4.1 Austenitici-ferritici resistenti al calore (Super Duplex)	Austenitic-ferritic heat-resistant (Super Duplex)	X2CrNiMoN25-7-4	1.4410	
K	Ghise	Cast materials			
	1.1 Ghise con grafite lamellare (GJL)	Cast iron with lamellar graphite (GJL)	100-250 N/mm2	EN-GJL-200 (GG20)	EN-JL-1030
	1.2 Ghise con grafite lamellare (GJL)	250-450 N/mm2	EN-GJL-300 (GG30)	EN-JL-1050	
	2.1 Ghise con grafite nodulare (GJS)	350-500 N/mm2	EN-GJS-400-15 (GGG40)	EN-JS-1030	
	2.2 Ghise con grafite nodulare (GJS)	500-900 N/mm2	EN-GJS-700-2 (GGG70)	EN-JS-1070	
	3.1 Ghise con grafite vermicolare (GJV)	300-400 N/mm2	GJV 300		
	3.2 Ghise con grafite vermicolare (GJV)	400-500 N/mm2	GJV 450		
	4.1 Ghise malleabili (GTMW, GTMB)	250-500 N/mm2	EN-GJMB-350-4 (GTW-35)	EN-JM-1010	
4.2 Ghise malleabili (GTMW, GTMB)	500-800 N/mm2	EN-GJMB-450-6 (GTS-45)	EN-JM-1140		
N	Materiali non ferrosi	Non ferrous materials			
	Leghe di alluminio	Aluminium alloys			
	1.1 Leghe di alluminio		≤ 200 N/mm2	EN AW-AlMn1	EN AW-3103
	1.2 Leghe di alluminio malleabili	Aluminium wrought alloys	≤ 350 N/mm2	EN AW-AlMgSi	EN AW-6060
	1.3 Leghe di alluminio		≤ 550 N/mm2	EN AW-AlZn5Mg3Cu	EN AW-7022
	1.4 Leghe fuse di alluminio		Si ≤ 7%	EN AC-AlMg5	EN AC-51300
	1.5 Leghe fuse di alluminio	Aluminium cast alloys	7% < Si ≤ 12%	EN AC-ALSi9Cu3	EN AC-46500
			12% < Si ≤ 17%	GD-ALSi17Cu4FeMg	
	Leghe di rame	Copper alloys			
	2.1 Rame puro, Rame poco legato	Pure copper, low-alloyed copper	≤ 400 N/mm2	E-Cu 57	EN CW 004 A
	2.2 Leghe rame-zinco (ottone, truciolo lungo)	Copper-zinc alloys (brass, long-chipping)	≤ 550 N/mm2	CuZn37 (Ms63)	EN CW 508 L
	2.3 Leghe rame-zinco (ottone, truciolo corto)	Copper-zinc alloys (brass, short-chipping)	≤ 550 N/mm2	CuZn36Pb3 (M558)	EN CW 603 N
	2.4 Leghe rame-alluminio (alubronzo, truciolo lungo)	Copper-aluminium alloys (alu bronze, long-chipping)	≤ 800 N/mm2	CuAl10Ni5Fe4	EN CW 307 G
	2.5 Leghe rame-stagno (bronzo, truciolo lungo)	Copper-tin alloys (tin bronze, long-chipping)	≤ 700 N/mm2	CuSn8P	EN CW 459 K
	2.6 Leghe rame-stagno (bronzo, truciolo corto)	Copper-tin alloys (tin bronze, short-chipping)	≤ 400 N/mm2	CuSn7 ZnPb (Rg7)	2.1090
	2.7 Leghe di rame speciali	Special copper alloys	≤ 600 N/mm2	(AMPCO® 8)	
	2.8 Leghe di rame speciali	Special copper alloys	≤ 1400 N/mm2	(AMPCO® 45)	
	Leghe di magnesio	Magnesium alloys			
	3.1 Leghe di magnesio malleabili	Magnesium wrought alloys	≤ 500 N/mm2	MgAl6Zn	3.5612
	3.2 Leghe per getti di magnesio	Magnesium cast alloys	≤ 500 N/mm2	EN-MCMgAl9Zn1	EN-MC21120
	Materiali plastiche	Synthetics			
	4.1 Materie plastiche termoindurenti (truciolo corto)	Duroplastics (short-chipping)		Bakelit, Pertinax	
	4.2 Resine termoplastiche (truciolo lungo)	Thermoplastics (long-chipping)		PMMA, POM, PVC	
	4.3 Resine epossidiche (percentuale di fibre ≤ 30%)	Fibre-reinforced synthetics (fibre content ≤ 30%)		GFK, CFK, AFK	
	4.4 Resine epossidiche (percentuale di fibre > 30%)	Fibre-reinforced synthetics (fibre content > 30%)		GFK, CFK, AFK	
Materiali speciali	Special materials				
5.1 Grafite	Graphite		C 8000		
5.2 Leghe tungsteno-rame	Tungsten-copper alloys		W-Cu 80/20		
5.3 Materiali compositi	Composite materials		Hylite, Alucobond		
S	Materiali speciali	Special materials			
	Leghe di titanio	Titanium alloys			
	1.1 Titanio puro	Pure titanium	≤ 450 N/mm2	Ti1	3.7025
	1.2 Leghe di titanio		≤ 900 N/mm2	TiAl6V4	3.7165
	1.3 Leghe di titanio	Titanium alloys	≤ 1250 N/mm2	TiAl4Mo4Sn2	3.7185
	Leghe di nichel, cobalto e ferro	Nickel alloys, cobalt alloys and iron alloys			
	2.1 Nichel puro	Pure nickel	≤ 600 N/mm2	Ni 99,6	2.4060
	2.2 Leghe base nichel	Nickel-base alloys	≤ 1000 N/mm2	Monel 400	2.4360
	2.3 Leghe base nichel		≤ 1600 N/mm2	Inconel 718	2.4668
	2.4 Leghe base cobalto	Cobalt-base alloys	≤ 1000 N/mm2	Udimet 605	
	2.5 Leghe base cobalto		≤ 1600 N/mm2	Haynes 25	2.4964
	2.6 Leghe base ferro	Iron-base alloys	≤ 1500 N/mm2	Incoloy 800	1.4958
Materiali duri	Hard materials				
H	1.1		44 - 50 HRC	Weldox 1100	
	1.2	"Acciai ad alta resistenza, Acciai temprati, Ghise in conchiglia	50 - 55 HRC	Hardox 550	
	1.3		55 - 60 HRC	Armox 600T	
	1.4		60 - 63 HRC	Ferro-Titanit	
	1.5		63 - 66 HRC	HSSE	



	4D 17, 4D 19, 4D 65, 4D 67	M
	4D 17, 4D 19	MF
		UNC
		UNF
		G, RP, W
		BSW,BSF
		NPT
		NPTF
		BSPT
	4D 85, 4D 87	MJ
	4D 89, 4D 91	UNJ
		M-EXT, MJ-EXT
		PG
	4D 105, 4D 107, 4D 109, 4D 111	EGM, EGUN

Vc Uncoated	Vc Coated LTM	f z ø d1 ≤ 4 mm	f z ø d1 ≤ 8 mm	f z ø d1 > 8 mm		
					1.1	P
					2.1	
					3.1	
					4.1	
					5.1	
					1.1	M
					2.1	
					3.1	
					4.1	
					1.1	K
					1.2	
					2.1	
					2.2	
					3.1	
					3.2	
					4.1	
					4.2	
					1.1	N
					1.2	
					1.3	
					1.4	
					1.5	
					1.6	
					2.1	
					2.2	
					2.3	
					2.4	
					2.5	
	40 - 60	0,006 - 0,03	0,006 - 0,03	0,006 - 0,03	2.6	
					2.7	
					3.1	
					3.2	
					4.1	
					4.2	
					4.3	
					4.4	
					5.1	
					5.2	
					5.3	
					1.1	S
	30 - 80	0,003 - 0,03	0,03 - 0,05	0,04 - 0,10	1.2	
	30 - 80	0,003 - 0,03	0,03 - 0,05	0,04 - 0,10	1.3	
	30 - 60	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.1	
	30 - 60	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.2	
	30 - 60	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.3	
	30 - 40	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.4	
	30 - 40	0,003 - 0,02	0,02 - 0,04	0,03 - 0,08	2.5	
					2.6	
	40 - 60	0,005 - 0,05	0,005 - 0,05	0,005 - 0,05	1.1	H
					1.2	
					1.3	
					1.4	
					1.5	

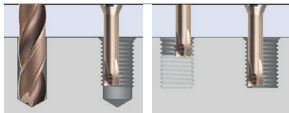
I valori di velocità di taglio / periferica (vc in m/min) qui elencati sono puramente indicativi e devono essere adattati alle condizioni d'impiego (materiale, lubrorefrigerazione, macchina utensile ecc.). Confronto internazionale dei materiali, vedere pagina **Z • 21**

The cutting speeds (vc in m/min) listed in the respective columns are standard values which have to be adjusted to individual work conditions (material, lubrication, machine etc.). International comparison of materials, see page **Z • 21**

Vc = Velocità di taglio (m/min) Vc = Cutting speed (m/min)
Fz = Avanzamento per dente (mm) Fz = Feed for tooth (mm)

M
MF
UNC
UNF
G, RP, W
BSW,BSF
NPT
NPTF
BSPT
MJ
UNJ
M-EXT, MJ-EXT
EG-UN
EG-M

	Materiale		Material	Material examples	Mat. numbers
P	Acciai		Steel materials		
	1.1	Acciai estrusi a freddo	Cold-extrusion steel	Cq15	1.1132
		Acciai da costruzione	Construction steels	S235JR (St37-2)	1.0037
		Acciai alta velocità	Free-cutting steel, etc.	10SPb20	1.0722
	2.1	Acciai da cementazione	Construction steels	E360 (St70-2)	1.0070
		Fusione d'acciaio, ecc.	Cementation steel	16MnCr5	1.7131
		Acciai da cementazione	Steel casting, etc.	GS-25CrMo4	1.7218
	3.1	Acciai da bonifica	Cementation steel	20MoCr3	1.7320
		Acciai per lavorazioni a freddo, ecc.	Heat-treatable steels	42CrMo4	1.7225
		Acciai da bonifica	Cold work steels, etc.	102Cr6	1.2067
	4.1	Acciai per lavorazioni a freddo	Heat-treatable steels	50CrMo4	1.7228
		Acciai da nitrurazione, ecc.	Cold work steels	X45NiCrMo4	1.2767
	5.1	Acciai fortemente legati	Nitriding steels, etc.	31CrMo12	1.8515
M		Acciai per lavorazioni a freddo	High-alloyed steels	X38CrMoV5-3	1.2367
		Acciai per lavorazioni a caldo, ecc.	Cold work steels	X100CrMoV8-1-1	1.2990
			Hot work steels, etc.	X40CrMoV5-1	1.2344
		Acciai inossidabili	Stainless steel materials		
	1.1	Ferritici, martensitici	Ferritic, martensitic	X2CrTi12	1.4512
K	2.1	Austenitici	Austenitic	X6CrNiMoTi17-12-2	1.4571
	3.1	Austenitici-ferritici (Duplex)	Austenitic-ferritic (Duplex)	X2CrNiMoN22-5-3	1.4462
	4.1	Austenitici-ferritici resistenti al calore (Super Duplex)	Austenitic-ferritic heat-resistant (Super Duplex)	X2CrNiMoN25-7-4	1.4410
N		Ghise	Cast materials		
	1.1	Ghise con grafite lamellare (GJL)	Cast iron with lamellar graphite (GJL)	EN-GJL-200 (GG20)	EN-JL-1030
	1.2	Ghise con grafite nodulare (GJS)	Cast iron with nodular graphite (GJS)	EN-GJL-300 (GG30)	EN-JL-1050
	2.1	Ghise con grafite nodulare (GJS)	Cast iron with nodular graphite (GJS)	EN-GJS-400-15 (GGG40)	EN-JS-1030
	2.2	Ghise con grafite nodulare (GJS)	Cast iron with nodular graphite (GJS)	EN-GJS-700-2 (GGG70)	EN-JS-1070
	3.1	Ghise con grafite vermicolare (GJV)	Cast iron with vermicular graphite (GJV)	GJV 300	
	3.2	Ghise con grafite vermicolare (GJV)	Cast iron with vermicular graphite (GJV)	GJV 450	
	4.1	Ghise malleabili (GTMW, GTMB)	Malleable cast iron (GTMW, GTMB)	EN-GJMW-350-4 (GTW-35)	EN-JM-1010
	4.2	Ghise malleabili (GTMW, GTMB)	Malleable cast iron (GTMW, GTMB)	EN-GJMB-450-6 (GTS-45)	EN-JM-1140
S		Materiali non ferrosi	Non ferrous materials		
		Leghe di alluminio	Aluminium alloys		
	1.1	Leghe di alluminio malleabili	Aluminium wrought alloys	EN AW-ALMn1	EN AW-3103
	1.2	Leghe di alluminio malleabili	Aluminium wrought alloys	EN AW-ALMgSi	EN AW-6060
	1.3	Leghe di alluminio malleabili	Aluminium wrought alloys	EN AW-AlZn5Mg3Cu	EN AW-7022
	1.4	Leghe di alluminio malleabili	Aluminium wrought alloys	Si ≤ 7%	EN AC-ALMg5
	1.5	Leghe di alluminio malleabili	Aluminium wrought alloys	7% < Si ≤ 12%	EN AC-ALSi9Cu3
	1.6	Leghe di alluminio malleabili	Aluminium wrought alloys	12% < Si ≤ 17%	GD-ALSi17Cu4FeMg
		Leghe di rame	Copper alloys		
	2.1	Rame puro, Rame poco legato	Pure copper, low-alloyed copper	E-Cu 57	EN CW 004 A
	2.2	Leghe rame-zinco (ottone, truciolo lungo)	Copper-zinc alloys (brass, long-chipping)	CuZn37 (Ms63)	EN CW 508 L
	2.3	Leghe rame-zinco (ottone, truciolo corto)	Copper-zinc alloys (brass, short-chipping)	CuZn36Pb3 (Ms58)	EN CW 603 N
	2.4	Leghe rame-alluminio (alubronzo, truciolo lungo)	Copper-aluminium alloys (alu bronze, long-chipping)	CuAl10Ni5Fe4	EN CW 307 G
	2.5	Leghe rame-stagno (bronzio, truciolo lungo)	Copper-tin alloys (tin bronze, long-chipping)	CuSn8P	EN CW 459 K
	2.6	Leghe rame-stagno (bronzio, truciolo corto)	Copper-tin alloys (tin bronze, short-chipping)	CuSn7 ZnPb (Rg7)	2.1090
	2.7	Leghe di rame speciali	Special copper alloys	(AMPCO® 8)	
	2.8	Leghe di rame speciali	Special copper alloys	(AMPCO® 45)	
		Leghe di magnesio	Magnesium alloys		
	3.1	Leghe di magnesio malleabili	Magnesium wrought alloys	MgAl6Zn	3.5612
	3.2	Leghe di magnesio malleabili	Magnesium cast alloys	EN-MCMgAl9Zn1	EN-MC21120
		Materie plastiche	Synthetics		
	4.1	Materie plastiche termoindurenti (truciolo corto)	Duroplastics (short-chipping)	Bakelit, Pertinax	
	4.2	Resine termoplastiche (truciolo lungo)	Thermoplastics (long-chipping)	PMMA, POM, PVC	
	4.3	Resine epossidiche (percentuale di fibre ≤ 30%)	Fibre-reinforced synthetics (fibre content ≤ 30%)	GFK, CFK, AFK	
	4.4	Resine epossidiche (percentuale di fibre > 30%)	Fibre-reinforced synthetics (fibre content > 30%)	GFK, CFK, AFK	
		Materiali speciali	Special materials		
	5.1	Grafite	Graphite	C 8000	
	5.2	Leghe tungsteno-rame	Tungsten-copper alloys	W-Cu 80/20	
	5.3	Materiali compositi	Composite materials	Hylite, Alucobond	
H		Materiali speciali	Special materials		
		Leghe di titanio	Titanium alloys		
	1.1	Titanio puro	Pure titanium	Ti1	3.7025
	1.2	Leghe di titanio	Titanium alloys	TiAl6V4	3.7165
	1.3	Leghe di titanio	Titanium alloys	TiAl4Mo4Sn2	3.7185
		Leghe di nichel, cobalto e ferro	Nickel alloys, cobalt alloys and iron alloys		
	2.1	Nichel puro	Pure nickel	Ni 99,6	2.4060
	2.2	Leghe base nichel	Nickel-base alloys	Monel 400	2.4360
	2.3	Leghe base nichel	Nickel-base alloys	Inconel 718	2.4668
	2.4	Leghe base cobalto	Cobalt-base alloys	Udimet 605	
	2.5	Leghe base cobalto	Cobalt-base alloys	Haynes 25	2.4964
	2.6	Leghe base ferro	Iron-base alloys	Incoloy 800	1.4958
H		Materiali duri	Hard materials		
	1.1			Weldox 1100	
	1.2			Hardox 550	
	1.3			Armox 600T	
	1.4			Ferro-Titanit	
	1.5			HSSE	



4D 113, 4D 115, 4D 117										M
4D 113, 4D 115, 4D 117										MF
4D 119, 4D 121, 4D 123										UNC
4D 119, 4D 121, 4D 123										UNF
4D 125										G, RP, W
										BSW,BSF
										NPT
										NPTF
										BSPT
										MJ
4D 143, 4D 145, 4D 147										UNJ
4D 137, 4D 139, 4D 141										M-EXT, MJ-EXT
										PG
4D 127, 4D 109										EG-M
4D 131, 4D 133, 4D 135										

Vc Coated HDM		f	f z	f z	f z	f z	f z	f z	f z		
		ø d1 ≤ 2,4 mm	ø d2,41 ≤ 3,1 mm	ø d3,2 ≤ 3,8 mm	ø d3,9 ≤ 4,6 mm	ø d4,7 ≤ 6,2 mm	ø d6,3 ≤ 7,5 mm	ø d7,6 ≤ 9 mm	ø d9,1 ≤ 11,5 mm		
P	85	65	0,011	0,015	0,018	0,0229	0,0309	0,0379	0,0449	0,0549	1.1
	85	65									0,011
	85	65	0,011	0,015	0,018	0,0229	0,0309	0,0379	0,0449	0,0549	3.1
	85	65	0,011	0,015	0,018	0,0229	0,0309	0,0379	0,0449	0,0549	4.1
	85	65	0,011	0,015	0,018	0,0229	0,0309	0,0379	0,0449	0,0549	5.1
M	85	65	0,0092	0,0126	0,0151	0,0193	0,0260	0,0319	0,0378	0,0462	1.1
											2.1
											3.1
											4.1
K	85	65	0,0116	0,0158	0,0189	0,0242	0,0326	0,0399	0,0473	0,0578	1.1
											1.2
											2.1
											2.2
											3.1
											3.2
											4.1
4.2											
N	85	65	0,0116	0,0158	0,0189	0,0242	0,0326	0,0399	0,0473	0,0578	1.1
											1.2
											1.3
											1.4
											1.5
											1.6
N	85	65	0,0116	0,0158	0,0189	0,0242	0,0326	0,0399	0,0473	0,0578	2.1
											2.2
											2.3
											2.4
											2.5
											2.6
											2.7
N	85	65	0,0116	0,0158	0,0189	0,0242	0,0326	0,0399	0,0473	0,0578	3.1
											3.2
N	85	65	0,0116	0,0158	0,0189	0,0242	0,0326	0,0399	0,0473	0,0578	4.1
											4.2
											4.3
N	85	65	0,0116	0,0158	0,0189	0,0242	0,0326	0,0399	0,0473	0,0578	5.1
											5.2
											5.3
S	85	65	0,0092	0,0126	0,0151	0,0193	0,0260	0,0319	0,0378	0,0462	1.1
											1.2
											1.3
K											2.1
											2.2
											2.3
											2.4
											2.5
											2.6
H	85	65	0,0098	0,0134	0,0161	0,0205	0,0277	0,0339	0,0402	0,0491	1.1
			0,0087	0,0118	0,0142	0,0181	0,0244	0,0299	0,0354	0,0433	1.2
											1.3
			0,0075	0,0102	0,0123	0,0157	0,0212	0,0259	0,0307	0,0375	1.4

METODI DI FRESATURA DEI FILETTI

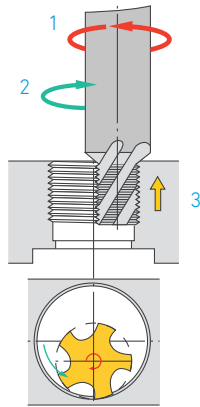
MILLING PROCEDURES

Fresatura in concordanza

Caratteristiche:

1. Rotazione dell'utensile in senso orario
2. Avanzamento utensile in senso anti-orario
3. Direzione di lavorazione: dal fondo verso l'esterno

Filetto destro

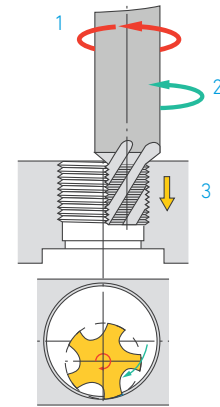


Fresatura in discordanza

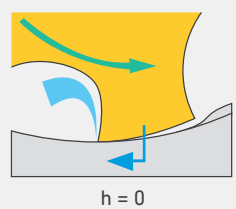
Caratteristiche:

1. Rotazione dell'utensile in senso orario
2. Avanzamento utensile in senso orario
3. Direzione di lavorazione: dal fondo verso il fondo

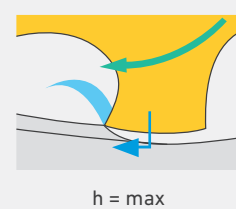
Filetto destro



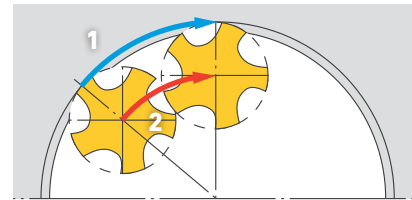
Nella fresatura in concordanza si ha lo spessore del truciolo 0 (h = 0) all'uscita del tagliente dal materiale



Nella fresatura in discordanza lo spessore massimo del truciolo (h = max) si ha all'uscita del tagliente dal materiale



Calcolo dell' avanzamento



1. Avanzamento sul profilo (vf)
2. "Avanzamento della traiettoria del centro fresa vfm"

Avanzamento sul profilo fresa (vf)

$$v_f = n \cdot f_z \cdot z \quad \text{mm/min}$$

Dw = diametro effettivo dell'utensile (mm)
N = numero di giri (min⁻¹)
fz = avanzamento per dente (mm)

Avanzamento della traiettoria del centro fresa vfm

$$v_{fm} = \frac{V_f \cdot (D - D_w)}{D} \quad \text{mm/min}$$

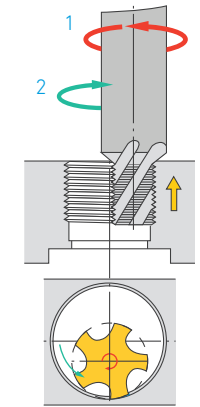
z = numero dei taglienti
D = Diametro nominale del filetto = Diametro profilo esterno (mm)
Dm = Diametro della traiettoria del centro fresa (D - Dw) in mm

Climb milling

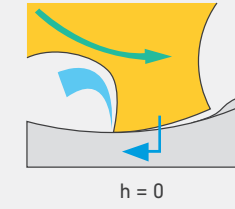
Characteristics:

1. Tool rotation direction "right"
2. Toolpath counter clockwise
3. Feed direction "outwards"

Right hand thread



When climb milling, the chip thickness at the end of cut is always 0 (h=0)

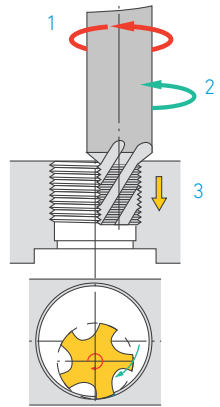


Conventional milling

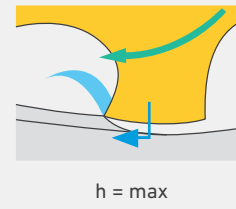
Characteristics:

1. Tool rotation direction "right"
2. Toolpath clockwise
3. Feed direction "inwards"

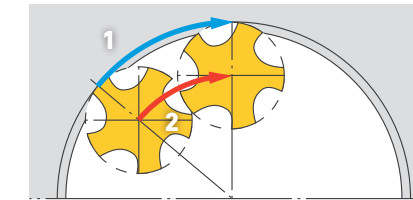
Right hand thread



When conventional milling, the chip thickness at the end of cut is always at maximum (h=max)



Feed rate calculation



1. Peripheral feedrate (vf)
2. Centerline feedrate vfm

Peripheral feedrate (vf)

$$v_f = n \cdot f_z \cdot z \quad \text{mm/min}$$

Dw = Effective diameter in mm
N = RPM in min⁻¹
fz = Feed per tooth in mm

Centerline feedrate vfm

$$v_{fm} = \frac{V_f \cdot (D - D_w)}{D} \quad \text{mm/min}$$

z = Number of cutting edges (radial)
D = Nominal thread diameter = external profile diameter in mm
Dm = Centre path diameter (D - Dw) in mm

Consigli per l'operatore

Nella fresatura di filetti, l'avanzamento dell'utensile può essere programmato in due modi:

0 sul profilo utensile oppure al centro utensile, in funzione del tipo di controllo.

Per sapere con quale avanzamento lavora la macchina, è necessario:

1. Inserire il programma per la fresatura dei filetti.
2. Eseguire il ciclo "a vuoto".
3. Cronometrare il tempo di lavorazione.
4. Comparare il valore rilevato con il valore teorico.

Se il tempo rilevato è maggiore del tempo calcolato occorre lavorare con l'avanzamento al centro utensile.

Se il tempo di lavorazione rilevato è minore del tempo calcolato occorre lavorare con l'avanzamento sul profilo utensile.

Tips for the User

With thread milling there are two different programme possibilities with the feed motion of the tool:

On the one hand the machine controls the feed at the diameter of the tool, on the other hand the feed control is the tool center line.

In order to ascertain which method the machine control uses, the following method should be employed:

1. Enter the thread milling routine into the control.
2. Enter a safety margin into the program, so that the tool runs in air.
3. Run the program through and check the operating time.
4. Compare the actual time with the calculated theoretical time.

If the time is longer than the calculated time the feed is controlling the tool center line.

If the time is shorter than the calculated time the feed is controlling the diameter of the tool.

CALCOLO NUMERICO DEI DATI DI TAGLIO
PER LA FRESATURA DI FILETTI
NUMERIC CALCULATION OF CUTTING DATA FOR
THREAD MILLING

$$n = \frac{v_c \cdot 1000}{d \cdot \pi}$$

$$v_c = \frac{d \cdot \pi \cdot n}{1000}$$

$$v_f = f_z \cdot Z \cdot n$$

$$n = \frac{v_f}{f_z \cdot Z}$$

$$f_z = \frac{v_f}{Z \cdot n}$$

$$n = \frac{v_c \cdot 1000}{d \cdot \pi}$$

$$v_c = \frac{d \cdot \pi \cdot n}{1000}$$

$$v_f = f_z \cdot Z \cdot n$$

$$n = \frac{v_f}{f_z \cdot Z}$$

$$f_z = \frac{v_f}{Z \cdot n}$$

Fresatura – profilo esterno

$$v_{fm} = \frac{v_f \cdot (D + d)}{D}$$

$$v_f = \frac{D \cdot v_{fm}}{(D + d)}$$

Fresatura – profilo interno

$$v_{fm} = \frac{v_f \cdot (D - d)}{D}$$

$$v_f = \frac{D \cdot v_{fm}}{(D - d)}$$

Milling - external contour

$$v_{fm} = \frac{v_f \cdot (D + d)}{D}$$

$$v_f = \frac{D \cdot v_{fm}}{(D + d)}$$

Milling - internal contour

$$v_{fm} = \frac{v_f \cdot (D - d)}{D}$$

$$v_f = \frac{D \cdot v_{fm}}{(D - d)}$$

Penetrazione dritta

$$U_{pen.} = 0,25 \cdot v_{fm}$$

n = numero di giri del mandrino g./min
Vc = Velocità di taglio m/min
d = diametro fresa mm
D = Ø nominale del filetto mm
Vf = avanzamento sul diametro periferico mm/min

Penetrazione sulla traiettoria circolare

$$U_{pen.} = v_{fm}$$

Vfm = avanzamento al centro mm/min
U pen. = avanzamento di penetrazione consigliato mm/min
Fz = Avanzamento per dente mm
Z = numero di taglienti per fresa Quantità

Helical plunging

$$U_{arc} = 0,25 \cdot v_{fm}$$

n = rpm U/min
Vc = Cutting speed U/min
d = Tool diameter mm
D = Nominal thread-Ø
Vf = Feed rate at the diameter mm/min

Ramping in the arc

$$U_{arc} = v_{fm}$$

Vfm = Feed rate at the centre mm/min
U arc = programmed ramping feed rate mm/min
Fz = Feed per tooth mm
Z = number of cutting edges of the cutter piece

Valori di correzione per la filettatura interna

È possibile calcolare la dimensione media del tagliente della fresa, che viene digitata nel comando della macchina, come segue:
Diametro nominale della fresa meno (0,05 x passo P)

Esempio: M30x3
Ø fresa: 20 mm

$$\varnothing \frac{20}{2} - (0,05 \cdot 3) = \underline{9,85 \text{ mm}}$$

9,85 mm viene inserito come dimensione del tagliente nel comando della macchina!

Correction values for the internal thread milling

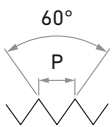
The cutting edge diameter of the thread milling cutter which is entered into the machine control, can be calculated as follows:
half the cutter Ø - 0.05 x pitch p

Example: M30x3
Cutter-Ø: 20 mm

$$\varnothing \frac{20}{2} - (0,05 \cdot 3) = \underline{9,85 \text{ mm}}$$

9,85 mm is the cutting radius to be entered into the machine control

FIGMET 1,5xD
M, MF
DIN13



VHM

e8

1,5xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

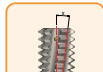
S1.1-S1.3

S1.1-S2.6

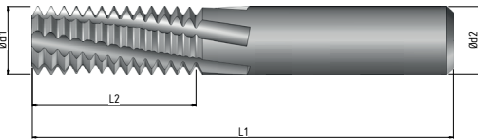
DATI TECNICI
TECHNICAL DATA



DIVISIONE IRREGOLARE
UNEQUAL INDEX



ELICA VARIABILE
VARIABLE HELIX



Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
M 4	0.70	3.1	51	5	6.0	3		FIGMET50N	FIGMET50T
M 5	0.80	4.0	48	6	6.0	3	4	FIGMET52N	FIGMET52T
MF 6	0.50	4.5	49	7	6.0	3		FIGMET54N	FIGMET54T
MF 6	0.75	4.5	49	7	6.0	3	4	FIGMET56N	FIGMET56T
M 6 M 7	1.00	4.5	49	7	6.0	3	4	FIGMET58N	FIGMET58T
MF 8	0.50	6.0	51	9	6.0	3		FIGMET60N	FIGMET60T
MF 8	0.75	6.0	48	9	6.0	3	4	FIGMET62N	FIGMET62T
MF 8	1.00	6.0	48	9	6.0	3	4	FIGMET64N	FIGMET64T
M 8 M 9 MF 10	1.25	6.0	48	9	6.0	3	4	FIGMET66N	FIGMET66T
MF 10	0.50	8.0	57	12	8.0	3		FIGMET68N	FIGMET68T
MF 10 MF 12	0.75	8.0	57	12	8.0	3	4	FIGMET70N	FIGMET70T
MF 10 MF 12	1.00	8.0	57	12	8.0	3	4	FIGMET72N	FIGMET72T
MF 10 MF 12	1.25	8.0	57	12	8.0	3	4	FIGMET74N	FIGMET74T
M 10 M 11 MF 12	1.50	8.0	57	12	8.0	3	4	FIGMET76N	FIGMET76T
M 12	1.75	8.0	57	12	8.0	3	4	FIGMET78N	FIGMET78T
MF 12	0.50	10.0	70	15	10.0	4		FIGMET80N	FIGMET80T
M 12	1.00	10.0	70	15	10.0	4	5	FIGMET82N	FIGMET82T
MF 14	1.25	10.0	70	15	10.0	4	5	FIGMET84N	FIGMET84T
MF 14	1.50	10.0	70	15	10.0	4	5	FIGMET86N	FIGMET86T
M 14	2.00	10.0	70	15	10.0	4	5	FIGMET88N	FIGMET88T
MF 14	0.50	12.0	70	18	12.0	4		FIGMET90N	FIGMET90T
MF 14	1.00	12.0	70	18	12.0	4	5	FIGMET92N	FIGMET92T
MF 16	1.50	12.0	70	18	12.0	4	5	FIGMET94N	FIGMET94T
M 16	2.00	12.0	70	18	12.0	4	5	FIGMET96N	FIGMET96T
MF 16	1.00	14.0	86	21	14.0	4	5	FIGMET98N	FIGMET98T
MF 18	1.50	14.0	86	21	14.0	4	5	FIGMET100N	FIGMET100T
MF 18	2.00	14.0	86	21	14.0	4	5	FIGMET102N	FIGMET102T
M 18	2.50	14.0	86	21	14.0	4	5	FIGMET104N	FIGMET104T
MF 18 MF 20	1.00	16.0	84	24	16.0	5	6	FIGMET106N	FIGMET106T
MF 20 MF 22	1.50	16.0	84	24	16.0	5	6	FIGMET108N	FIGMET108T
MF 20 MF 22	2.00	16.0	84	24	16.0	5	6	FIGMET110N	FIGMET110T
M 20 M 22	2.50	16.0	84	24	16.0	5	6	FIGMET112N	FIGMET112T
MF 22>	1.00	20.0	100	30	20.0	5	6	FIGMET114N	FIGMET114T
MF 24>	1.50	20.0	100	30	20.0	5	6	FIGMET116N	FIGMET116T
MF 24>	2.00	20.0	100	30	20.0	5	6	FIGMET118N	FIGMET118T
MF 24>	3.00	20.0	100	30	20.0	5	6	FIGMET120N	FIGMET120T
M 30 M 33	3.50	25.0	135	58	25.0	5		FIGMET122N	FIGMET122T
M 36 ≥ M 42	4.00	25.0	135	58	25.0	5		FIGMET124N	FIGMET124T



R 10° - RR

R 10° - RR

R 9/11° - RR

R 9/11° - RR

R 10° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

Coated LTM
≤45 Hrc ≤60 Hrc

P1.1-P5.1

P1.1-P5.1

P1.1-P5.1

P1.1-P5.1

N2.7-N2.8

K1.1-K4.2

M1.1-M4.1

K1.1-K4.2

M1.1-M4.1

S1.1-S2.6

N1.1-N1.5

K1.1-K4.2

N1.1-N1.5

K1.1-K4.2

H1.1-H1.3

N2.1-N2.6

N1.1-N3.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

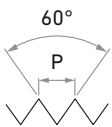
S1.1-S2.6

S1.1-S1.3

S1.1-S2.6

FIGMET52NF	FIGMET52F			FIGMET50TX
FIGMET54NF	FIGMET54F			
FIGMET56NF	FIGMET56F			FIGMET52TX
FIGMET58NF	FIGMET58F			FIGMET54TX
FIGMET60NF	FIGMET60F			
FIGMET62NF	FIGMET62F	FIGMET62NG	FIGMET62TG	FIGMET56TX
FIGMET64NF	FIGMET64F	FIGMET64NG	FIGMET64TG	FIGMET58TX
FIGMET66NF	FIGMET66F	FIGMET66NG	FIGMET66TG	FIGMET60TX
FIGMET68NF	FIGMET68F			
FIGMET70NF	FIGMET70F	FIGMET70NG	FIGMET70TG	FIGMET62TX
FIGMET72NF	FIGMET72F	FIGMET72NG	FIGMET72TG	FIGMET64TX
FIGMET74NF	FIGMET74F	FIGMET74NG	FIGMET74TG	FIGMET66TX
FIGMET76NF	FIGMET76F	FIGMET76NG	FIGMET76TG	FIGMET68TX
FIGMET78NF	FIGMET78F	FIGMET78NG	FIGMET78TG	FIGMET70TX
FIGMET80NF	FIGMET80F			
FIGMET82NF	FIGMET82F	FIGMET82NG	FIGMET82TG	FIGMET72TX
FIGMET84NF	FIGMET84F	FIGMET84NG	FIGMET84TG	FIGMET74TX
FIGMET86NF	FIGMET86F	FIGMET86NG	FIGMET86TG	FIGMET76TX
FIGMET88NF	FIGMET88F	FIGMET88NG	FIGMET88TG	FIGMET78TX
FIGMET90NF	FIGMET90F			
FIGMET92NF	FIGMET92F	FIGMET92NG	FIGMET92TG	FIGMET80TX
FIGMET94NF	FIGMET94F	FIGMET94NG	FIGMET94TG	FIGMET82TX
FIGMET96NF	FIGMET96F	FIGMET96NG	FIGMET96TG	FIGMET84TX
FIGMET98NF	FIGMET98F	FIGMET98NG	FIGMET98TG	FIGMET86TX
FIGMET100NF	FIGMET100F	FIGMET100NG	FIGMET100TG	FIGMET88TX
FIGMET102NF	FIGMET102F	FIGMET102NG	FIGMET102TG	FIGMET90TX
FIGMET104NF	FIGMET104F	FIGMET104NG	FIGMET104TG	FIGMET92TX
FIGMET106NF	FIGMET106F	FIGMET106NG	FIGMET106TG	FIGMET94TX
FIGMET108NF	FIGMET108F	FIGMET108NG	FIGMET108TG	FIGMET96TX
FIGMET110NF	FIGMET110F	FIGMET110NG	FIGMET110TG	FIGMET98TX
FIGMET112NF	FIGMET112F	FIGMET112NG	FIGMET112TG	FIGMET100TX
FIGMET114NF	FIGMET114F	FIGMET114NG	FIGMET114TG	FIGMET102TX
FIGMET116NF	FIGMET116F	FIGMET116NG	FIGMET116TG	FIGMET104TX
FIGMET118NF	FIGMET118F	FIGMET118NG	FIGMET118TG	FIGMET106TX
FIGMET120NF	FIGMET120F	FIGMET120NG	FIGMET120TG	FIGMET108TX
FIGMET122NF	FIGMET122F			
FIGMET124NF	FIGMET124F			

FIGMET 2xD
M, MF
DIN13



VHM

e8

2xD

RH-LH

DIN 6535 HA

INTERNO
INTERNAL

	
R 10° - RR	R 10° - RR
	
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1	P1.1-P5.1
K1.1-K4.2	M1.1-M4.1
N1.1-N1.5	K1.1-K4.2
N2.1-N2.6	N1.1-N3.2
N3.1-N4.2-N5.2	N4.3-N5.2
S1.1-S1.3	S1.1-S2.6

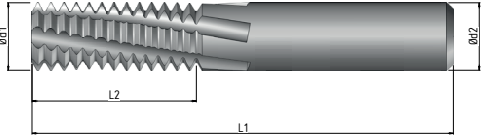
TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

DIVISIONE IRREGOLARE
UNEQUAL INDEX

ERICA VARIABILE
VARIABLE HELIX

DATI TECNICI
TECHNICAL DATA



Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
M 4	0.7	3.1	54	8	6.0	3		FIGMET03N	FIGMET03T
M 5	0.80	4.0	54	12	6.0	3	4	FIGMET00N	FIGMET00T
MF 6	0.50	4.5	54	12	6.0	3		FIGMET27N	FIGMET27T
MF 6	0.75	4.5	54	12	6.0	3	4	FIGMET01N	FIGMET01T
M 6 M7	1.00	4.5	54	12	6.0	3	4	FIGMET02N	FIGMET02T
MF 8	0.50	6.0	54	12	6.0	3		FIGMET07N	FIGMET07T
MF 8	0.75	6.0	54	15	6.0	3	4	FIGMET04N	FIGMET04T
MF 8	1.00	6.0	54	15	6.0	3	4	FIGMET05N	FIGMET05T
M8 M9 MF10	1.25	6.0	54	15	6.0	3	4	FIGMET06N	FIGMET06T
MF 10	0.50	8.0	65	20	8.0	3		FIGMET13N	FIGMET13T
MF 10 MF12	0.75	8.0	65	20	8.0	3	4	FIGMET08N	FIGMET08T
MF 10 MF 12	1.00	8.0	65	20	8.0	3	4	FIGMET09N	FIGMET09T
MF 10 MF 12	1.25	8.0	65	20	8.0	3	4	FIGMET10N	FIGMET10T
M 10 M11 MF 12	1.50	8.0	65	20	8.0	3	4	FIGMET11N	FIGMET11T
M 12	1.75	8.0	65	20	8.0	3	4	FIGMET12N	FIGMET12T
MF 12	0.50	10.0	80	25	10.0	4		FIGMET18N	FIGMET18T
M 12	1.00	10.0	80	25	10.0	4	5	FIGMET14N	FIGMET14T
MF 14	1.25	10.0	80	25	10.0	4	5	FIGMET15N	FIGMET15T
MF 14	1.50	10.0	80	25	10.0	4	5	FIGMET16N	FIGMET16T
M 14	2.00	10.0	80	25	10.0	4	5	FIGMET17N	FIGMET17T
MF 14	0.50	12.0	82	30	12.0	4		FIGMET22N	FIGMET22T
MF 14	1.00	12.0	82	30	12.0	4	5	FIGMET19N	FIGMET19T
MF 16	1.50	12.0	82	30	12.0	4	5	FIGMET20N	FIGMET20T
M 16	2.00	12.0	82	30	12.0	4	5	FIGMET21N	FIGMET21T
MF 16	1.00	14.0	100	35	14.0	4	5	FIGMET23N	FIGMET23T
MF 18	1.50	14.0	100	35	14.0	4	5	FIGMET24N	FIGMET24T
MF 18	2.00	14.0	100	35	14.0	4	5	FIGMET25N	FIGMET25T
M 18	2.50	14.0	100	35	14.0	4	5	FIGMET26N	FIGMET26T
MF 18 MF 20	1.00	16.0	100	40	16.0	5	6	FIGMET28N	FIGMET28T
MF 20 MF 22	1.50	16.0	100	40	16.0	5	6	FIGMET29N	FIGMET29T
MF 20 MF 22	2.00	16.0	100	40	16.0	5	6	FIGMET30N	FIGMET30T
M 20 M22	2.50	16.0	100	40	16.0	5	6	FIGMET31N	FIGMET31T
MF 22>	1.00	20.0	110	40	20.0	5	6	FIGMET33N	FIGMET33T
MF 24>	1.50	20.0	110	40	20.0	5	6	FIGMET34N	FIGMET34T
MF 24>	2.00	20.0	110	40	20.0	5	6	FIGMET35N	FIGMET35T
MF 24>	3.00	20.0	110	40	20.0	5	6	FIGMET36N	FIGMET36T
M 30 33	3.50	25.0	155	78	25.0	5		FIGMET40N	FIGMET40T
M 36 ≥ M 42	4.00	25.0	155	78	25.0	5		FIGMET38N	FIGMET38T

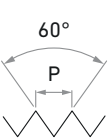
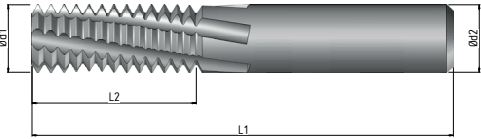
				
R 10° - RR	R 10° - RR	R 9/11° - RR	R 9/11° - RR	R 10° - RR
				
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Coated LTM ≤45 Hrc ≤60 Hrc
P1.1-P5.1	P1.1-P5.1	P1.1-P5.1	P1.1-P5.1	N2.7-N2.8
K1.1-K4.2	M1.1-M4.1	K1.1-K4.2	M1.1-M4.1	S1.1-S2.6
N1.1-N1.5	K1.1-K4.2	N1.1-N1.5	K1.1-K4.2	H1.1-H1.3
N2.1-N2.6	N1.1-N3.2	N2.1-N2.6	N1.1-N3.2	
N3.1-N4.2-N5.2	N4.3-N5.2	N3.1-N4.2-N5.2	N4.3-N5.2	
S1.1-S1.3	S1.1-S2.6	S1.1-S1.3	S1.1-S2.6	

FIGMET00NF	FIGMET00F	FIGMET00TX		
FIGMET27NF	FIGMET27F			
FIGMET01NF	FIGMET01F	FIGMET01TX		
FIGMET02NF	FIGMET02F	FIGMET02TX		
FIGMET07NF	FIGMET07F			
FIGMET04NF	FIGMET04F	FIGMET04NG	FIGMET04TG	FIGMET04TX
FIGMET05NF	FIGMET05F	FIGMET05NG	FIGMET05TG	FIGMET05TX
FIGMET06NF	FIGMET06F	FIGMET06NG	FIGMET06TG	FIGMET06TX
FIGMET13NF	FIGMET13F			
FIGMET08NF	FIGMET08F	FIGMET08NG	FIGMET08TG	FIGMET08TX
FIGMET09NF	FIGMET09F	FIGMET09NG	FIGMET09TG	FIGMET09TX
FIGMET10NF	FIGMET10F	FIGMET10NG	FIGMET10TG	FIGMET10TX
FIGMET11NF	FIGMET11F	FIGMET11NG	FIGMET11TG	FIGMET11TX
FIGMET12NF	FIGMET12F	FIGMET12NG	FIGMET12TG	FIGMET12TX
FIGMET18NF	FIGMET18F			
FIGMET14NF	FIGMET14F	FIGMET14NG	FIGMET14TG	FIGMET14TX
FIGMET15NF	FIGMET15F	FIGMET15NG	FIGMET15TG	FIGMET15TX
FIGMET16NF	FIGMET16F	FIGMET16NG	FIGMET16TG	FIGMET16TX
FIGMET17NF	FIGMET17F	FIGMET17NG	FIGMET17TG	FIGMET17TX
FIGMET22NF	FIGMET22F			
FIGMET19NF	FIGMET19F	FIGMET19NG	FIGMET19TG	FIGMET19TX
FIGMET20NF	FIGMET20F	FIGMET20NG	FIGMET20TG	FIGMET20TX
FIGMET21NF	FIGMET21F	FIGMET21NG	FIGMET21TG	FIGMET21TX
FIGMET23NF	FIGMET23F	FIGMET23NG	FIGMET23TG	FIGMET23TX
FIGMET24NF	FIGMET24F	FIGMET24NG	FIGMET24TG	FIGMET24TX
FIGMET25NF	FIGMET25F	FIGMET25NG	FIGMET25TG	FIGMET25TX
FIGMET26NF	FIGMET26F	FIGMET26NG	FIGMET26TG	FIGMET26TX
FIGMET28NF	FIGMET28F	FIGMET28NG	FIGMET28TG	FIGMET28TX
FIGMET29NF	FIGMET29F	FIGMET29NG	FIGMET29TG	FIGMET29TX
FIGMET30NF	FIGMET30F	FIGMET30NG	FIGMET30TG	FIGMET30TX
FIGMET31NF	FIGMET31F	FIGMET31NG	FIGMET31TG	FIGMET31TX
FIGMET33NF	FIGMET33F	FIGMET33NG	FIGMET33TG	FIGMET33TX
FIGMET34NF	FIGMET34F	FIGMET34NG	FIGMET34TG	FIGMET34TX
FIGMET35NF	FIGMET35F	FIGMET35NG	FIGMET35TG	FIGMET35TX
FIGMET36NF	FIGMET36F	FIGMET36NG	FIGMET36TG	FIGMET36TX
FIGMET40NF	FIGMET40F			
FIGMET38NF	FIGMET38F			

FIGUNC 1,5xD
UNC, UNF

ASME B1.1

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CUSTOMIZED DESIGN ON REQUEST



VHM

e8

1,5xD

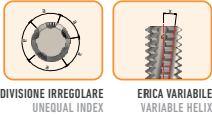
RH-LH

DIN 6535 HA

INTERNO
INTERNAL

	R 10° - RR	R 10° - RR
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

DATI TECNICI
TECHNICAL DATA



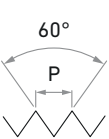
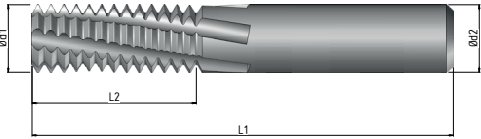
Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/4" UNC	20	4.5	49	7	6.0	3	FIGUNC50N	FIGUNC50T
1/4" UNF	28	4.5	49	7	6.0	3	FIGUNC52N	FIGUNC52T
5/16" UNC	18	5.5	48	9	6.0	3	FIGUNC54N	FIGUNC54T
5/16" UNF	24	5.5	48	9	6.0	3	FIGUNC56N	FIGUNC56T
3/8" UNC	16	7.5	57	12	8.0	3	FIGUNC58N	FIGUNC58T
7/16" UNC	14	8.0	57	12	8.0	3	FIGUNC60N	FIGUNC60T
7/16" UNF	20	8.0	57	12	8.0	3	FIGUNC62N	FIGUNC62T
3/8" UNF	24	8.0	57	12	8.0	3	FIGUNC64N	FIGUNC64T
9/16" UNC	12	10.0	70	15	10.0	4	FIGUNC66N	FIGUNC66T
1/2" UNC	13	10.0	70	15	10.0	4	FIGUNC68N	FIGUNC68T
5/8" UNF 9/16" UNF	18	10.0	70	15	10.0	4	FIGUNC70N	FIGUNC70T
1/2" UNF	20	10.0	70	15	10.0	4	FIGUNC72N	FIGUNC72T
5/8" UNF 9/16" UNF	18	12.0	70	18	12.0	4	FIGUNC74N	FIGUNC74T
5/8" UNC	11	12.0	70	18	12.0	4	FIGUNC76N	FIGUNC76T
3/4" UNF	16	15.5	84	24	16.0	5	FIGUNC78N	FIGUNC78T
3/4" UNC	10	15.5	84	24	16.0	5	FIGUNC80N	FIGUNC80T
7/8" UNF	14	15.5	84	24	16.0	5	FIGUNC82N	FIGUNC82T
7/8" UNC	9	18.0	97	27	18.0	5	FIGUNC84N	FIGUNC84T
7/8" UNF	14	18.0	97	27	18.0	5	FIGUNC86N	FIGUNC86T
1" UNC	8	20.0	100	30	20.0	5	FIGUNC88N	FIGUNC88T
1" UNF	12	20.0	100	30	20.0	5	FIGUNC90N	FIGUNC90T

R 10° - RR	R 10° - RR	R 9/11° - RR	R 9/11° - RR
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

FIGUNC50NF	FIGUNC50F		
FIGUNC52NF	FIGUNC52F		
FIGUNC54NF	FIGUNC54F	FIGUNC54NG	FIGUNC54TG
FIGUNC56NF	FIGUNC56F	FIGUNC56NG	FIGUNC56TG
FIGUNC58NF	FIGUNC58F	FIGUNC58NG	FIGUNC58TG
FIGUNC60NF	FIGUNC60F	FIGUNC60NG	FIGUNC60TG
FIGUNC62NF	FIGUNC62F	FIGUNC62NG	FIGUNC62TG
FIGUNC64NF	FIGUNC64F	FIGUNC64NG	FIGUNC64TG
FIGUNC66NF	FIGUNC66F	FIGUNC66NG	FIGUNC66TG
FIGUNC68NF	FIGUNC68F	FIGUNC68NG	FIGUNC68TG
FIGUNC70NF	FIGUNC70F	FIGUNC70NG	FIGUNC70TG
FIGUNC72NF	FIGUNC72F	FIGUNC72NG	FIGUNC72TG
FIGUNC74NF	FIGUNC74F	FIGUNC74NG	FIGUNC74TG
FIGUNC76NF	FIGUNC76F	FIGUNC76NG	FIGUNC76TG
FIGUNC78NF	FIGUNC78F	FIGUNC78NG	FIGUNC78TG
FIGUNC80NF	FIGUNC80F	FIGUNC80NG	FIGUNC80TG
FIGUNC82NF	FIGUNC82F	FIGUNC82NG	FIGUNC82TG
FIGUNC84NF	FIGUNC84F	FIGUNC84NG	FIGUNC84TG
FIGUNC86NF	FIGUNC86F	FIGUNC86NG	FIGUNC86TG
FIGUNC88NF	FIGUNC88F	FIGUNC88NG	FIGUNC88TG
FIGUNC90NF	FIGUNC90F	FIGUNC90NG	FIGUNC90TG

FIGUNC 2xD
UNC, UNF
ASME B1.1

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CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

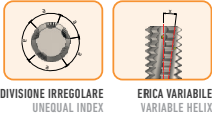
RH-LH

DIN 6535 HA

INTERNO
INTERNAL

	R 10° - RR	R 10° - RR
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

DATI TECNICI
TECHNICAL DATA



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/4" UNC	20	4.5	54	12	6.0	3	FIGUNC01N	FIGUNC01T
1/4" UNF	28	4.5	54	12	6.0	3	FIGUNC03N	FIGUNC03T
5/16" UNC	18	5.5	54	15	6.0	3	FIGUNC07N	FIGUNC07T
5/16" UNF	24	5.5	54	15	6.0	3	FIGUNC09N	FIGUNC09T
3/8" UNC	16	7.5	65	20	8.0	3	FIGUNC05N	FIGUNC05T
7/16" UNC	14	8.0	65	20	8.0	3	FIGUNC11N	FIGUNC11T
7/16" UNF	20	8.0	65	20	8.0	3	FIGUNC13N	FIGUNC13T
3/8" UNF	24	8.0	65	20	8.0	3	FIGUNC15N	FIGUNC15T
9/16" UNC	12	10.0	80	25	10.0	4	FIGUNC17N	FIGUNC17T
1/2" UNC	13	10.0	80	25	10.0	4	FIGUNC19N	FIGUNC19T
5/8" UNF 9/16" UNF	18	10.0	80	25	10.0	4	FIGUNC21N	FIGUNC21T
1/2" UNF	20	10.0	80	25	10.0	4	FIGUNC23N	FIGUNC23T
5/8" UNF 9/16" UNF	18	12.0	82	30	12.0	4	FIGUNC25N	FIGUNC25T
5/8" UNC	11	12.0	82	30	12.0	4	FIGUNC27N	FIGUNC27T
3/4" UNF	16	15.5	100	40	16.0	5	FIGUNC29N	FIGUNC29T
3/4" UNC	10	15.5	100	40	16.0	5	FIGUNC31N	FIGUNC31T
7/8" UNF	14	15.5	100	40	16.0	5	FIGUNC33N	FIGUNC33T
7/8" UNC	9	18.0	110	40	18.0	5	FIGUNC35N	FIGUNC35T
7/8" UNF	14	18.0	110	40	18.0	5	FIGUNC37N	FIGUNC37T
1" UNC	8	20.0	110	40	20.0	5	FIGUNC39N	FIGUNC39T
1" UNF	12	20.0	110	40	20.0	5	FIGUNC41N	FIGUNC41T

R 10° - RR	R 10° - RR	R 9/11° - RR	R 9/11° - RR
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

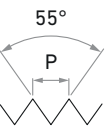
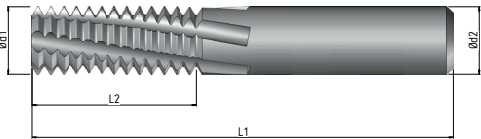
FIGUNC01NF	FIGUNC01F		
FIGUNC03NF	FIGUNC03F		
FIGUNC07NF	FIGUNC07F	FIGUNC07NG	FIGUNC07TG
FIGUNC09NF	FIGUNC09F	FIGUNC09NG	FIGUNC09TG
FIGUNC05NF	FIGUNC05F	FIGUNC05NG	FIGUNC05TG
FIGUNC11NF	FIGUNC11F	FIGUNC11NG	FIGUNC11TG
FIGUNC13NF	FIGUNC13F	FIGUNC13NG	FIGUNC13TG
FIGUNC15NF	FIGUNC15F	FIGUNC15NG	FIGUNC15TG
FIGUNC17NF	FIGUNC17F	FIGUNC17NG	FIGUNC17TG
FIGUNC19NF	FIGUNC19F	FIGUNC19NG	FIGUNC19TG
FIGUNC21NF	FIGUNC21F	FIGUNC21NG	FIGUNC21TG
FIGUNC23NF	FIGUNC23F	FIGUNC23NG	FIGUNC23TG
FIGUNC25NF	FIGUNC25F	FIGUNC25NG	FIGUNC25TG
FIGUNC27NF	FIGUNC27F	FIGUNC27NG	FIGUNC27TG
FIGUNC29NF	FIGUNC29F	FIGUNC29NG	FIGUNC29TG
FIGUNC31NF	FIGUNC31F	FIGUNC31NG	FIGUNC31TG
FIGUNC33NF	FIGUNC33F	FIGUNC33NG	FIGUNC33TG
FIGUNC35NF	FIGUNC35F	FIGUNC35NG	FIGUNC35TG
FIGUNC37NF	FIGUNC37F	FIGUNC37NG	FIGUNC37TG
FIGUNC39NF	FIGUNC39F	FIGUNC39NG	FIGUNC39TG
FIGUNC41NF	FIGUNC41F	FIGUNC41NG	FIGUNC41TG

FIGGAW 1,5xD

G_(BSP), RP_(BSPP), W

DIN EN ISO 228, DIN EN 10226-1, ISO 7/1, BS 84

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CUSTOMIZED DESIGN ON REQUEST



VHM

e8

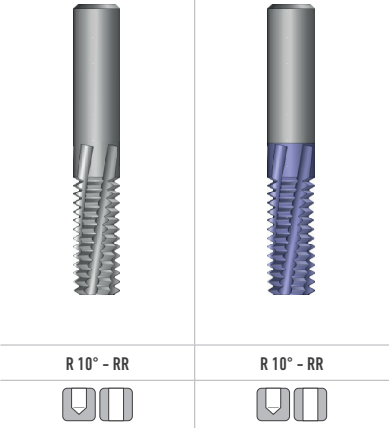
1,5xD

RH-LH

DIN 6535 HA

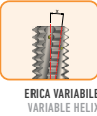
INTERNO
INTERNAL

ESTERNO
EXTERNAL

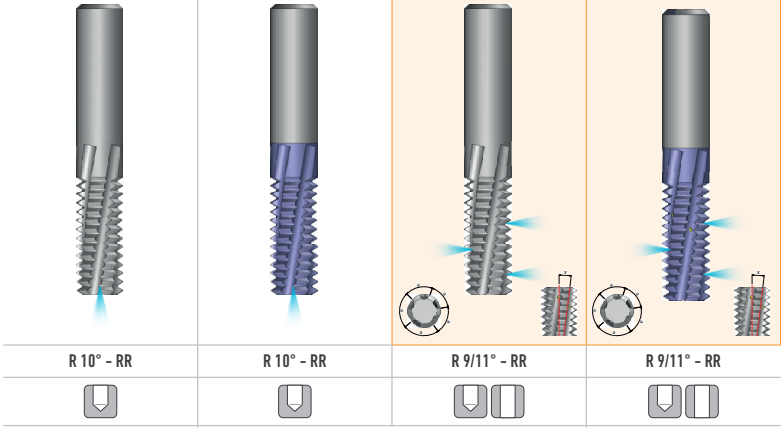


TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

DATI TECNICI
TECHNICAL DATA



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/8" BSP	28	8.0	57	12	8.0	3	FIGGAW15N	FIGGAW15T
1/4" BSP	19	10.0	70	15	10.0	4	FIGGAW17N	FIGGAW17T
3/8" BSP	19	14.0	86	21	14.0	4	FIGGAW19N	FIGGAW19T
1/2" BSP	14	16.0	84	24	16.0	5	FIGGAW21N	FIGGAW21T
5/8" BSP 3/4" BSP 7/8" BSP	14	20.0	100	30	20.0	5	FIGGAW23N	FIGGAW23T
1" > BSP	11	20.0	100	30	20.0	5	FIGGAW25N	FIGGAW25T



TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

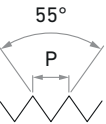
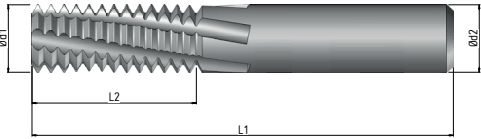
FIGGAW15NF	FIGGAW15F	FIGGAW15NG	FIGGAW15TG
FIGGAW17NF	FIGGAW17F	FIGGAW17NG	FIGGAW17TG
FIGGAW19NF	FIGGAW19F	FIGGAW19NG	FIGGAW19TG
FIGGAW21NF	FIGGAW21F	FIGGAW21NG	FIGGAW21TG
FIGGAW23NF	FIGGAW23F	FIGGAW23NG	FIGGAW23TG
FIGGAW25NF	FIGGAW25F	FIGGAW25NG	FIGGAW25TG

FIGGAW 2xD

G_(BSP), RP_(BSPP), W

DIN EN ISO 228, DIN EN 10226-1,
ISO 7/1, BS 84

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

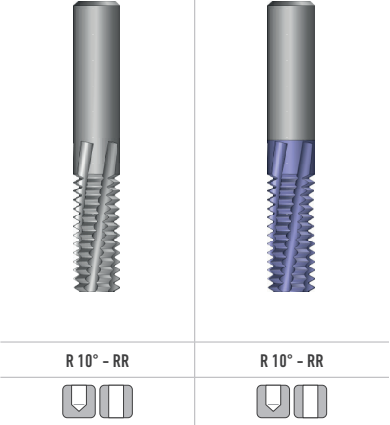
2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL

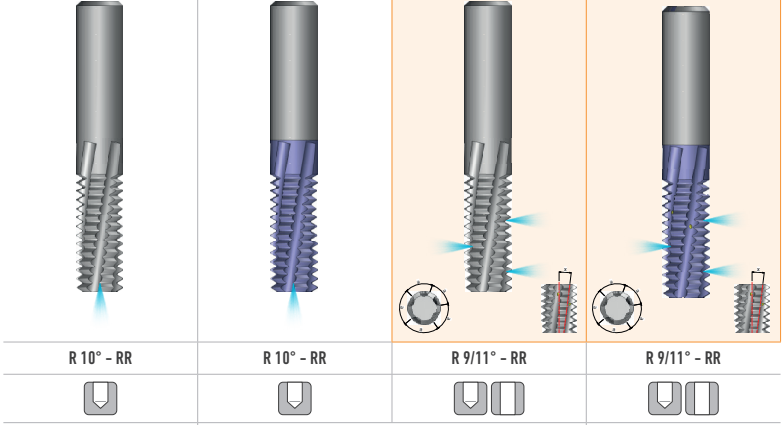


TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

DATI TECNICI
TECHNICAL DATA



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/8" BSP	28	8.0	65	20	8.0	3	FIGGAW01N	FIGGAW01T
1/4" BSP	19	10.0	80	25	10.0	4	FIGGAW03N	FIGGAW03T
3/8" BSP	19	14.0	100	35	14.0	4	FIGGAW05N	FIGGAW05T
1/2" BSP	14	16.0	100	40	16.0	5	FIGGAW07N	FIGGAW07T
5/8" BSP 3/4" BSP 7/8" BSP	14	20.0	110	40	20.0	5	FIGGAW09N	FIGGAW09T
1" > BSP	11	20.0	110	40	20.0	5	FIGGAW11N	FIGGAW11T



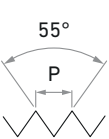
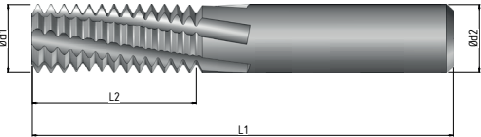
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

FIGGAW01NF	FIGGAW01F	FIGGAW01NG	FIGGAW01TG
FIGGAW03NF	FIGGAW03F	FIGGAW03NG	FIGGAW03TG
FIGGAW05NF	FIGGAW05F	FIGGAW05NG	FIGGAW05TG
FIGGAW07NF	FIGGAW07F	FIGGAW07NG	FIGGAW07TG
FIGGAW09NF	FIGGAW09F	FIGGAW09NG	FIGGAW09TG
FIGGAW11NF	FIGGAW11F	FIGGAW11NG	FIGGAW11TG

FIGBSW 2xD
BSW, BSF

B.S.84:1956, DIN 259,
ISO228/1:1982

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL

	
R 10° - RR	R 10° - RR
	
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	
P1.1-P5.1	P1.1-P5.1
K1.1-K4.2	M1.1-M4.1
N1.1-N1.5	K1.1-K4.2
N2.1-N2.6	N1.1-N3.2
N3.1-N4.2-N5.2	N4.3-N5.2
S1.1-S1.3	S1.1-S2.6

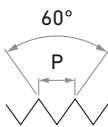
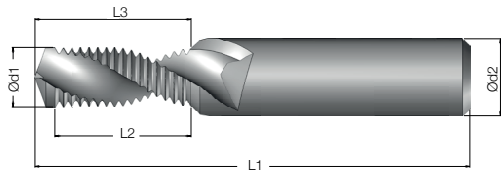
Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/4"BSF	26	5.00	57	12.7	6.0	3	FIGBSW01N	FIGBSW01T
5/16"BSF	22	6.35	61	16.2	8.0	3	FIGBSW03N	FIGBSW03T
1/4"BSW 3/8"BSF	20	4.45	57	12.7	6.0	3	FIGBSW05N	FIGBSW05T
3/8"BSF	20	7.65	61	19.0	8.0	3	FIGBSW07N	FIGBSW07T
5/16"BSW 7/16"BSF	18	5.85	57	15.5	6.0	3	FIGBSW09N	FIGBSW09T
7/16"BSF	18	9.20	73	22.6	10.0	3	FIGBSW11N	FIGBSW11T
3/8"BSW 1/2"BSF 9/16"BSF	16	7.20	61	19.0	8.0	3	FIGBSW13N	FIGBSW13T
1/2"BSF 9/16"BSF	16	10.50	80	25.4	12.0	4	FIGBSW15N	FIGBSW15T
9/16"BSF	16	12.15	92	28.6	14.0	4	FIGBSW17N	FIGBSW17T
7/16"BSW 5/8"BSF 11/16"BSF	14	8.50	73	21.8	10.0	3	FIGBSW19N	FIGBSW19T
5/8"BSF 11/16"BSF	14	13.40	92	30.8	14.0	4	FIGBSW21N	FIGBSW21T
11/16"BSF	14	15.00	92	34.5	16.0	4	FIGBSW23N	FIGBSW23T
1/2"BSW 3/4"BSF	12	9.65	73	25.4	10.0	3	FIGBSW25N	FIGBSW25T
9/16"BSW 3/4"BSF	12	11.25	80	27.5	12.0	4	FIGBSW27N	FIGBSW27T
3/4"BSF	12	16.20	102	38.1	18.0	4	FIGBSW29N	FIGBSW29T
5/8"BSW 7/8"BSF	11	12.60	92	32.3	14.0	4	FIGBSW31N	FIGBSW31T
11/16"BSW	11	14.20	92	34.6	16.0	4	FIGBSW33N	FIGBSW33T

	
R 10° - RR	R 10° - RR
	
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1	P1.1-P5.1
K1.1-K4.2	M1.1-M4.1
N1.1-N1.5	K1.1-K4.2
N2.1-N2.6	N1.1-N3.2
N3.1-N4.2-N5.2	N4.3-N5.2
S1.1-S1.3	S1.1-S2.6

FIGBSW01NF	FIGBSW01F
FIGBSW03NF	FIGBSW03F
FIGBSW05NF	FIGBSW05F
FIGBSW07NF	FIGBSW07F
FIGBSW09NF	FIGBSW09F
FIGBSW11NF	FIGBSW11F
FIGBSW13NF	FIGBSW13F
FIGBSW15NF	FIGBSW15F
FIGBSW17NF	FIGBSW17F
FIGBSW19NF	FIGBSW19F
FIGBSW21NF	FIGBSW21F
FIGBSW23NF	FIGBSW23F
FIGBSW25NF	FIGBSW25F
FIGBSW27NF	FIGBSW27F
FIGBSW29NF	FIGBSW29F
FIGBSW31NF	FIGBSW31F
FIGBSW33NF	FIGBSW33F

FIGMFF 1,5xD
M, MF
DIN 13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

1,5xD

RH-LH

DIN 6535 HA

140°

INTERNO
INTERNAL

ON REQUEST



R 30° - RR



Uncoated
≤45 Hrc

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1

ON REQUEST



R 30° - RR



Coated TNF
≤45 Hrc

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

N2.6

N3.1-N4.1

Filetto - Thread	Pitch mm	d1	L1	L2	L3	d2	Z		
MF4	0.50	3.50	49	5.05	7.20	6.0	2	FIGMFF12N	FIGMFF12T
M4	0.70	3.30	49	5.64	6.90	6.0	2	FIGMFF14N	FIGMFF14T
MF5	0.50	4.50	55	7.56	8.90	6.0	2	FIGMFF16N	FIGMFF16T
M5	0.80	4.20	55	7.25	8.85	6.0	2	FIGMFF18N	FIGMFF18T
MF6	0.75	5.25	62	9.07	10.77	8.0	2	FIGMFF20N	FIGMFF20T
M6	1.00	5.00	62	9.06	10.95	8.0	2	FIGMFF22N	FIGMFF22T
MF8	1.00	7.00	74	12.09	14.45	10.0	2	FIGMFF24N	FIGMFF24T
M8	1.25	6.75	74	11.33	13.82	10.0	2	FIGMFF26N	FIGMFF26T
MF10	1.00	9.00	79	15.11	17.75	12.0	2	FIGMFF28N	FIGMFF28T
MF10	1.25	8.75	79	15.11	18.12	12.0	2	FIGMFF30N	FIGMFF30T
M10	1.50	8.50	79	15.03	18.20	12.0	2	FIGMFF32N	FIGMFF32T
MF12	1.00	11.00	89	17.14	20.15	14.0	2	FIGMFF34N	FIGMFF34T
MF12	1.25	10.75	89	18.88	22.22	14.0	2	FIGMFF36N	FIGMFF36T
MF12	1.50	10.50	89	18.12	21.60	14.0	2	FIGMFF38N	FIGMFF38T
M12	1.75	10.25	89	17.61	21.22	14.0	2	FIGMFF40N	FIGMFF40T
M14	2.00	12.00	102	20.12	24.35	16.0	2	FIGMFF42N	FIGMFF42T
MF14	1.50	12.50	102	21.14	24.90	16.0	2	FIGMFF44N	FIGMFF44T
MF16	1.50	14.50	102	24.15	28.40	18.0	2	FIGMFF46N	FIGMFF46T
M16	2.00	14.00	102	24.13	28.75	18.0	2	FIGMFF48N	FIGMFF48T

ON REQUEST



R 30° - RR



Uncoated
≤45 Hrc

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1

ON REQUEST



R 30° - RR



Coated TNF
≤45 Hrc

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

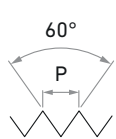
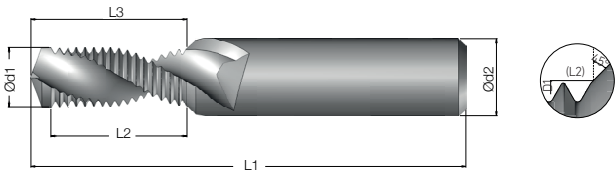
N2.6

N3.1-N4.1

FIGMFF12NF	FIGMFF12F
FIGMFF14NF	FIGMFF14F
FIGMFF16NF	FIGMFF16F
FIGMFF18NF	FIGMFF18F
FIGMFF20NF	FIGMFF20F
FIGMFF22NF	FIGMFF22F
FIGMFF24NF	FIGMFF24F
FIGMFF26NF	FIGMFF26F
FIGMFF28NF	FIGMFF28F
FIGMFF30NF	FIGMFF30F
FIGMFF32NF	FIGMFF32F
FIGMFF34NF	FIGMFF34F
FIGMFF36NF	FIGMFF36F
FIGMFF38NF	FIGMFF38F
FIGMFF40NF	FIGMFF40F
FIGMFF42NF	FIGMFF42F
FIGMFF44NF	FIGMFF44F
FIGMFF46NF	FIGMFF46F
FIGMFF48NF	FIGMFF48F

FIGMFF 2xD
M, MF
DIN 13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

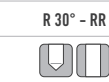
e8

2xD

RH-LH

DIN 6535 HA

140°
INTERNO
INTERNAL



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 + 3

K1.1-K3.2

K1.1-K3.2

N1.1-N1.5

N1.1-N1.6

N2.2-N2.3

N2.2-N2.3

N2.6

N2.6

N3.1-N4.1

N3.1-N4.1

Filetto - Thread	Pitch mm	d1	L1	L2	L3	d2	Z		
MF 4	0.50	3.50	55	7.95	9.20	6.0	2	FIGMFF50N	FIGMFF50T
M 4	0.70	3.30	55	7.65	9.00	6.0	2	FIGMFF51N	FIGMFF51T
MF 5	0.50	4.50	55	9.95	11.40	6.0	2	FIGMFF52N	FIGMFF52T
M 5	0.80	4.20	55	9.55	11.25	6.0	2	FIGMFF53N	FIGMFF53T
MF 6	0.75	5.25	62	11.95	13.82	8.0	2	FIGMFF54N	FIGMFF54T
M 6	1.00	5.00	62	12.05	13.95	8.0	2	FIGMFF56N	FIGMFF56T
MF 8	1.00	7.00	74	15.90	18.45	10.0	2	FIGMFF58N	FIGMFF58T
M 8	1.25	6.75	74	15.07	17.52	10.0	2	FIGMFF60N	FIGMFF60T
MF 10	1.00	9.00	79	20.10	22.75	12.0	2	FIGMFF62N	FIGMFF62T
MF 10	1.25	8.75	79	20.10	23.12	12.0	2	FIGMFF64N	FIGMFF64T
M 10	1.50	8.50	79	19.53	22.70	12.0	2	FIGMFF66N	FIGMFF66T
MF 12	1.00	11.00	89	23.90	27.15	14.0	2	FIGMFF68N	FIGMFF68T
MF 12	1.25	10.75	89	23.90	27.22	14.0	2	FIGMFF70N	FIGMFF70T
MF 12	1.50	10.50	89	24.10	27.60	14.0	2	FIGMFF72N	FIGMFF72T
M 12	1.75	10.25	89	22.85	26.47	14.0	2	FIGMFF74N	FIGMFF74T
M 14	2.00	12.00	102	28.11	32.35	16.0	2	FIGMFF75N	FIGMFF75T
MF 14	1.50	12.50	102	27.12	31.00	16.0	2	FIGMFF76N	FIGMFF76T
MF 16	1.50	14.50	102	31.65	35.90	18.0	2	FIGMFF78N	FIGMFF78T
M 16	2.00	14.00	102	32.11	36.75	18.0	2	FIGMFF80N	FIGMFF80T



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

K1.1-K3.2

K1.1-K3.2

N1.1-N1.5

N1.1-N1.6

N2.2-N2.3

N2.2-N2.3

N2.6

N2.6

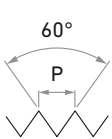
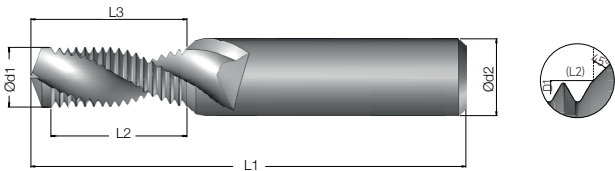
N3.1-N4.1

N3.1-N4.1

FIGMFF50NF	FIGMFF50F
FIGMFF51NF	FIGMFF51F
FIGMFF52NF	FIGMFF52F
FIGMFF53NF	FIGMFF53F
FIGMFF54NF	FIGMFF54F
FIGMFF56NF	FIGMFF56F
FIGMFF58NF	FIGMFF58F
FIGMFF60NF	FIGMFF60F
FIGMFF62NF	FIGMFF62F
FIGMFF64NF	FIGMFF64F
FIGMFF66NF	FIGMFF66F
FIGMFF68NF	FIGMFF68F
FIGMFF70NF	FIGMFF70F
FIGMFF72NF	FIGMFF72F
FIGMFF74NF	FIGMFF74F
FIGMFF75NF	FIGMFF75F
FIGMFF76NF	FIGMFF76F
FIGMFF78NF	FIGMFF78F
FIGMFF80NF	FIGMFF80F

FIGMFF 2,5xD
M, MF
DIN 13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2,5xD

RH-LH

DIN 6535 HA

140°

INTERNO
INTERNAL



R 30° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc



R 30° - RR

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

N2.6

N3.1-N4.1

Filetto - Thread	Pitch mm	d1	L1	L2	L3	d2	Z		
M 6	1.00	5.00	65	15.10	16.95	8.0	2	FIGMFF82N	FIGMFF82T
M 8	1.25	6.75	80	20.08	22.52	10.0	2	FIGMFF84N	FIGMFF84T
M 10	1.50	8.50	85	25.59	28.70	12.0	2	FIGMFF86N	FIGMFF86T
M 12	1.75	10.25	95	29.86	33.47	14.0	2	FIGMFF88N	FIGMFF88T
M 14	2.00	12.00	110	36.12	40.35	16.0	2	FIGMFF90N	FIGMFF90T
M 16	2.00	14.00	110	40.13	44.75	18.0	2	FIGMFF92N	FIGMFF92T



R 30° - RR



Uncoated
≤45 Hrc



R 30° - RR

Coated TNF
≤45 Hrc

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

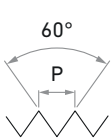
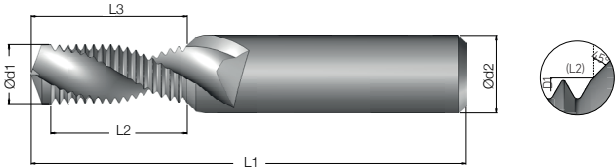
N2.6

N3.1-N4.1

FIGMFF82NF	FIGMFF82F
FIGMFF84NF	FIGMFF84F
FIGMFF86NF	FIGMFF86F
FIGMFF88NF	FIGMFF88F
FIGMFF90NF	FIGMFF90F
FIGMFF92NF	FIGMFF92F

FIGUFF 1,5xD
UNC, UNF
ASME B1.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

1,5xD

RH-LH

DIN 6535 HA

140°

INTERNO
INTERNAL



R 30° - RR

R 30° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 - 4

K1.1-K3.2

K1.1-K3.2

N1.1-N1.5

N1.1-N1.6

N2.2-N2.3

N2.2-N2.3

N2.6

N2.6

N3.1-N4.1

N3.1-N4.1

Filetto - Thread	(TPI)	d1	L1	L2	L3	d2	Z		
No. 10 UNF	32	4.10	55	7.24	8.77	6.0	2	FIGUFF12N	FIGUFF12T
No. 12 UNF	28	4.65	62	8.27	10.02	8.0	2	FIGUFF16N	FIGUFF16T
1/4" UNC	20	5.20	62	8.99	11.27	8.0	2	FIGUFF18N	FIGUFF18T
1/4" UNF	28	5.50	62	9.16	11.02	8.0	2	FIGUFF20N	FIGUFF20T
5/16" UNC	18	6.60	74	11.39	14.07	10.0	2	FIGUFF22N	FIGUFF22T
5/16" UNF	24	6.90	74	11.74	14.02	10.0	2	FIGUFF24N	FIGUFF24T
3/8" UNC	16	8.00	79	14.40	17.48	12.0	2	FIGUFF26N	FIGUFF26T
3/8" UNF	24	8.50	79	13.87	16.52	12.0	2	FIGUFF28N	FIGUFF28T
7/16" UNC	14	9.40	79	16.45	19.98	12.0	2	FIGUFF30N	FIGUFF30T
7/16" UNF	20	9.90	79	17.91	20.95	12.0	2	FIGUFF32N	FIGUFF32T
1/2" UNC	13	10.75	89	17.71	21.67	14.0	2	FIGUFF34N	FIGUFF34T
1/2" UNF	20	11.50	89	19.20	22.55	14.0	2	FIGUFF36N	FIGUFF36T
9/16" UNC	12	12.25	102	21.31	25.72	16.0	2	FIGUFF38N	FIGUFF38T
9/16" UNF	18	12.90	102	21.32	25.05	16.0	2	FIGUFF40N	FIGUFF40T
5/8" UNC	11	13.50	102	23.21	27.96	18.0	2	FIGUFF42N	FIGUFF42T
5/8" UNF	18	14.50	102	22.74	26.75	18.0	2	FIGUFF44N	FIGUFF44T
3/4" UNC	10	16.50	115	28.10	33.67	20.0	2	FIGUFF46N	FIGUFF46T
3/4" UNF	16	17.50	115	28.78	33.55	20.0	2	FIGUFF48N	FIGUFF48T



R 30° - RR

R 30° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

K1.1-K3.2

K1.1-K3.2

N1.1-N1.5

N1.1-N1.6

N2.2-N2.3

N2.2-N2.3

N2.6

N2.6

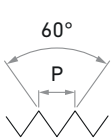
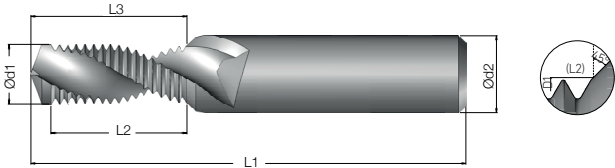
N3.1-N4.1

N3.1-N4.1

FIGUFF12NF	FIGUFF12F
FIGUFF16NF	FIGUFF16F
FIGUFF18NF	FIGUFF18F
FIGUFF20NF	FIGUFF20F
FIGUFF22NF	FIGUFF22F
FIGUFF24NF	FIGUFF24F
FIGUFF26NF	FIGUFF26F
FIGUFF28NF	FIGUFF28F
FIGUFF30NF	FIGUFF30F
FIGUFF32NF	FIGUFF32F
FIGUFF34NF	FIGUFF34F
FIGUFF36NF	FIGUFF36F
FIGUFF38NF	FIGUFF38F
FIGUFF40NF	FIGUFF40F
FIGUFF42NF	FIGUFF42F
FIGUFF44NF	FIGUFF44F
FIGUFF46NF	FIGUFF46F
FIGUFF48NF	FIGUFF48F

FIGUFF 2xD
UNC, UNF
ASME B1.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

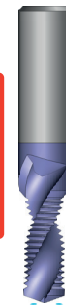
DIN 6535 HA

140°

INTERNO
INTERNAL

ON REQUEST		
	R 30° - RR	R 30° - RR
ON REQUEST		
	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 40 • 4	K1.1-K3.2	K1.1-K3.2
	N1.1-N1.5	N1.1-N1.6
	N2.2-N2.3	N2.2-N2.3
	N2.6	N2.6
	N3.1-N4.1	N3.1-N4.1

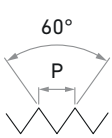
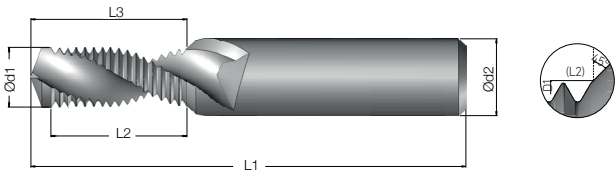
Filetto - Thread	(TPI)	d1	L1	L2	L3	d2	Z		
No. 10 UNF	32	4.10	55	9.60	11.17	6.0	2	FIGUFF50N	FIGUFF50T
No. 12 UNF	28	4.65	62	10.95	12.72	8.0	2	FIGUFF54N	FIGUFF54T
1/4" UNC	20	5.20	62	12.75	15.07	8.0	2	FIGUFF56N	FIGUFF56T
1/4" UNF	28	5.50	62	12.75	14.72	8.0	2	FIGUFF58N	FIGUFF58T
5/16" UNC	18	6.60	74	15.60	18.27	10.0	2	FIGUFF60N	FIGUFF60T
5/16" UNF	24	6.90	74	15.95	18.32	10.0	2	FIGUFF62N	FIGUFF62T
3/8" UNC	16	8.00	80	19.15	22.28	12.0	2	FIGUFF64N	FIGUFF64T
3/8" UNF	24	8.50	80	19.15	21.82	12.0	2	FIGUFF66N	FIGUFF66T
7/16" UNC	14	9.40	80	21.85	25.48	12.0	2	FIGUFF68N	FIGUFF68T
7/16" UNF	20	9.90	80	21.70	24.85	12.0	2	FIGUFF70N	FIGUFF70T
1/2" UNC	13	10.75	89	25.50	29.47	14.0	2	FIGUFF72N	FIGUFF72T
1/2" UNF	20	11.50	89	25.55	29.05	14.0	2	FIGUFF74N	FIGUFF74T
9/16" UNC	12	12.25	102	27.65	32.12	16.0	2	FIGUFF76N	FIGUFF76T
9/16" UNF	18	12.90	102	28.35	32.25	16.0	2	FIGUFF78N	FIGUFF78T
5/8" UNC	11	13.50	102	30.15	34.96	18.0	2	FIGUFF80N	FIGUFF80T
5/8" UNF	18	14.50	102	31.20	35.35	18.0	2	FIGUFF82N	FIGUFF82T
3/4" UNC	10	16.50	115	38.25	43.87	20.0	2	FIGUFF84N	FIGUFF84T
3/4" UNF	16	17.50	115	38.30	43.15	20.0	2	FIGUFF86N	FIGUFF86T

ON REQUEST		
	R 30° - RR	R 30° - RR
ON REQUEST		
	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
	K1.1-K3.2	K1.1-K3.2
	N1.1-N1.5	N1.1-N1.6
	N2.2-N2.3	N2.2-N2.3
	N2.6	N2.6
	N3.1-N4.1	N3.1-N4.1

FIGUFF50NF	FIGUFF50F
FIGUFF54NF	FIGUFF54F
FIGUFF56NF	FIGUFF56F
FIGUFF58NF	FIGUFF58F
FIGUFF60NF	FIGUFF60F
FIGUFF62NF	FIGUFF62F
FIGUFF64NF	FIGUFF64F
FIGUFF66NF	FIGUFF66F
FIGUFF68NF	FIGUFF68F
FIGUFF70NF	FIGUFF70F
FIGUFF72NF	FIGUFF72F
FIGUFF74NF	FIGUFF74F
FIGUFF76NF	FIGUFF76F
FIGUFF78NF	FIGUFF78F
FIGUFF80NF	FIGUFF80F
FIGUFF82NF	FIGUFF82F
FIGUFF84NF	FIGUFF84F
FIGUFF86NF	FIGUFF86F

FIGUFF 2,5xD
UNC
ASME B1.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2,5xD

RH-LH

DIN 6535 HA

140°

INTERNO
INTERNAL



R 30° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc



R 30° - RR



Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 - 4

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

N2.6

N3.1-N4.1

Filetto - Thread	(TPI)	d1	L1	L2	L3	d2	Z		
3/8" UNC	16	8.00	85	23.93	26.98	12.0	2	FIGUFF90N	FIGUFF90T
7/16" UNC	14	9.40	85	27.33	30.88	12.0	2	FIGUFF92N	FIGUFF92T
1/2" UNC	13	10.75	95	31.39	35.37	14.0	2	FIGUFF94N	FIGUFF94T
9/16" UNC	12	12.25	110	34.01	38.42	16.0	2	FIGUFF96N	FIGUFF96T
5/8" UNC	11	13.50	110	39.38	44.16	18.0	2	FIGUFF98N	FIGUFF98T
3/4" UNC	10	16.50	125	45.88	51.47	20.0	2	FIGUFF100N	FIGUFF100T



R 30° - RR



Uncoated
≤45 Hrc

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1



R 30° - RR



Coated TNF
≤45 Hrc

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

N2.6

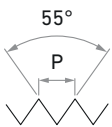
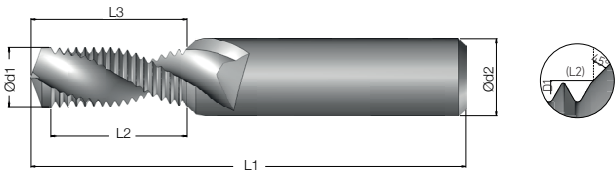
N3.1-N4.1

FIGUFF90NF	FIGUFF90F
FIGUFF92NF	FIGUFF92F
FIGUFF94NF	FIGUFF94F
FIGUFF96NF	FIGUFF96F
FIGUFF98NF	FIGUFF98F
FIGUFF100NF	FIGUFF100F

FIGGFF 1,5xD

G
DIN EN ISO 228

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

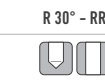
1,5xD

RH-LH

DIN 6535 HA

140°

INTERNO
INTERNAL



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 4

K1.1-K3.2

K1.1-K3.2

N1.1-N1.5

N1.1-N1.6

N2.2-N2.3

N2.2-N2.3

N2.6

N2.6

N3.1-N4.1

N3.1-N4.1

Filetto - Thread	(TPI)	d1	L1	L2	L3	d2	Z		
1/8"	28	8.80	79	14.56	17.10	12.0	2	FIGGFF20N	FIGGFF20T
1/4"	19	11.80	102	18.77	22.25	16.0	2	FIGGFF22N	FIGGFF22T
3/8"	19	15.25	102	25.46	29.62	18.0	2	FIGGFF24N	FIGGFF24T



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

K1.1-K3.2

K1.1-K3.2

N1.1-N1.5

N1.1-N1.6

N2.2-N2.3

N2.2-N2.3

N2.6

N2.6

N3.1-N4.1

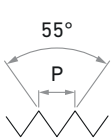
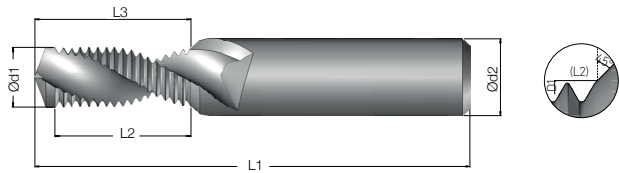
N3.1-N4.1

FIGGFF20NF	FIGGFF20F
FIGGFF22NF	FIGGFF22F
FIGGFF24NF	FIGGFF24F

FIGGFF 2xD

G
DIN EN ISO 228

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

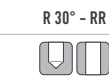
2xD

RH-LH

DIN 6535 HA

140°

INTERNO
INTERNAL



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 4

- K1.1-K3.2
- N1.1-N1.5
- N2.2-N2.3
- N2.6
- N3.1-N4.1

- K1.1-K3.2
- N1.1-N1.6
- N2.2-N2.3
- N2.6
- N3.1-N4.1

Filetto - Thread	(TPI)	d1	L1	L2	L3	d2	Z		
1/8"	28	8.80	79	18.98	21.80	12.0	2	FIGGFF50N	FIGGFF50T
1/4"	19	11.80	102	25.30	28.45	16.0	2	FIGGFF52N	FIGGFF52T
3/8"	19	15.25	102	37.40	41.82	18.0	2	FIGGFF54N	FIGGFF54T



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

- K1.1-K3.2
- N1.1-N1.5
- N2.2-N2.3
- N2.6
- N3.1-N4.1

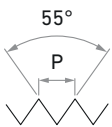
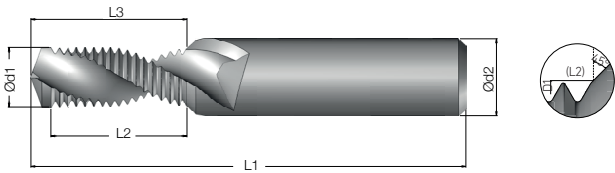
- K1.1-K3.2
- N1.1-N1.6
- N2.2-N2.3
- N2.6
- N3.1-N4.1

FIGGFF50NF	FIGGFF50F
FIGGFF52NF	FIGGFF52F
FIGGFF54NF	FIGGFF54F

FIGGFF 2,5xD

G
DIN EN ISO 228

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2,5xD

RH-LH

DIN 6535 HA

140°

INTERNO
INTERNAL



R 30° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc



R 30° - RR



Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 - 4

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

N2.6

N3.1-N4.1

Filetto - Thread	(TPI)	d1	L1	L2	L3	d2	Z		
1/8"	28	8.80	79	23.32	26.40	12.0	2	FIGGFF70N	FIGGFF70T
1/4"	19	11.80	102	31.27	35.40	16.0	2	FIGGFF72N	FIGGFF72T
3/8"	19	15.25	102	40.41	47.27	18.0	2	FIGGFF74N	FIGGFF74T



R 30° - RR



Uncoated
≤45 Hrc

K1.1-K3.2

N1.1-N1.5

N2.2-N2.3

N2.6

N3.1-N4.1



R 30° - RR



Coated TNF
≤45 Hrc

K1.1-K3.2

N1.1-N1.6

N2.2-N2.3

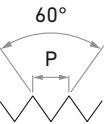
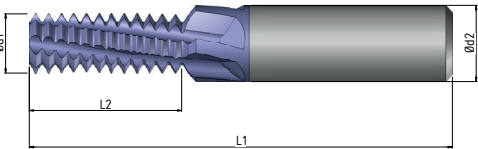
N2.6

N3.1-N4.1

FIGGFF70NF	FIGGFF70F
FIGGFF72NF	FIGGFF72F
FIGGFF74NF	FIGGFF74F

FIGMSF 2xD
M, MF
DIN 13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° – RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 4

P1.1-P5.1

M1.1-M4.1

K1.1-K4.2

N1.1-N3.2

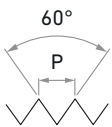
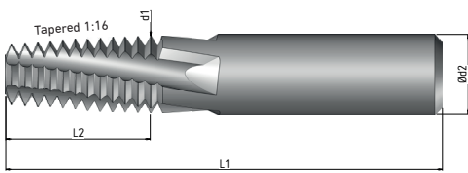
N4.3-N5.2

S1.1-S2.6

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	
M 5	0.80	4.0	55	10.75	6.0	3	FIGMSF50T
MF 6	0.75	5.0	62	12.30	8.0	3	FIGMSF52T
M 6	1.00	4.8	62	12.40	8.0	3	FIGMSF54T
MF 8	1.00	6.7	74	16.40	10.0	3	FIGMSF56T
M 8	1.25	6.5	74	16.80	10.0	3	FIGMSF58T
MF 10	1.00	8.7	80	20.40	12.0	3	FIGMSF60T
MF 10	1.25	8.4	80	20.80	12.0	3	FIGMSF62T
M 10	1.50	8.2	80	20.15	12.0	3	FIGMSF64T
MF 12	1.25	10.4	90	24.30	14.0	4	FIGMSF68T
MF 12	1.50	10.1	90	24.65	14.0	4	FIGMSF70T

FIGNPT
NPT
ANSI B1.20.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL



R 15° - RR

R 15° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/16"	27	5.90	55	9.88	8.0	3	FIGNPT01N	FIGNPT01T
1/8"	27	7.65	55	9.88	8.0	3	FIGNPT03N	FIGNPT03T
1/4"	18	10.15	75	14.82	12.0	4	FIGNPT05N	FIGNPT05T
3/8"	18	11.15	75	14.82	12.0	4	FIGNPT07N	FIGNPT07T
1/2" 3/4"	14	14.25	80	19.05	16.0	4	FIGNPT09N	FIGNPT09T
1", 1" 3/4, 1" 1/2, 2"	11,5	19.60	90	23.19	20.0	5	FIGNPT11N	FIGNPT11T



R 15° - RR

R 15° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

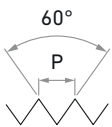
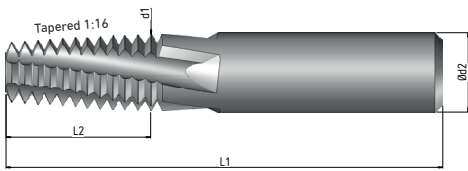
S1.1-S1.3

S1.1-S2.6

FIGNPT01NF	FIGNPT01F
FIGNPT03NF	FIGNPT03F
FIGNPT05NF	FIGNPT05F
FIGNPT07NF	FIGNPT07F
FIGNPT09NF	FIGNPT09F
FIGNPT11NF	FIGNPT11F

FIGNPT
NPT
ANSI B1.20.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- XL
- RH-LH
- DIN 6535 HA
- INTERNO
INTERNAL
- ESTERNO
EXTERNAL



R 15° - RR

R 15° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/16"	27	5.90	60	13.63	8.0	3	FIGNPT13N	FIGNPT13T
1/8"	27	7.65	60	13.63	8.0	3	FIGNPT15N	FIGNPT15T
1/4"	18	10.15	80	20.44	12.0	4	FIGNPT17N	FIGNPT17T
3/8"	18	11.15	80	20.44	12.0	4	FIGNPT19N	FIGNPT19T
1/2" 3/4"	14	14.25	88	26.27	16.0	4	FIGNPT21N	FIGNPT21T
1", 1" 1/4, 1" 1/2, 2"	11,5	19.60	100	31.98	20.0	5	FIGNPT23N	FIGNPT23T
2" 1/2	8	19.88	110	36.51	20.0	4	FIGNPT25N	FIGNPT25T



R 15° - RR

R 15° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

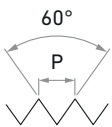
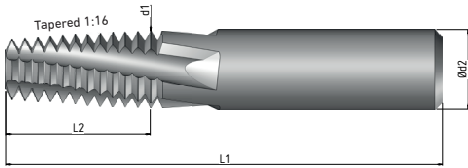
S1.1-S1.3

S1.1-S2.6

FIGNPT13NF	FIGNPT13F
FIGNPT15NF	FIGNPT15F
FIGNPT17NF	FIGNPT17F
FIGNPT19NF	FIGNPT19F
FIGNPT21NF	FIGNPT21F
FIGNPT23NF	FIGNPT23F
FIGNPT25NF	FIGNPT25F

FIGNPTF
NPTF
ANSI B1.20.3

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL



R 15° - RR

R 15° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/16"	27	5.90	55	9.88	8.0	3	FIGNPTF01N	FIGNPTF01T
1/8"	27	7.65	55	9.88	8.0	3	FIGNPTF03N	FIGNPTF03T
1/4"	18	10.15	75	14.82	12.0	4	FIGNPTF05N	FIGNPTF05T
3/8"	18	11.15	75	14.82	12.0	4	FIGNPTF07N	FIGNPTF07T
1/2" 3/4"	14	14.25	80	19.05	16.0	4	FIGNPTF09N	FIGNPTF09T
1", 1" 1/4, 1" 1/2, 2"	11,5	19.60	90	23.19	20.0	5	FIGNPTF11N	FIGNPTF11T



R 15° - RR

R 15° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

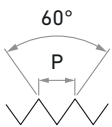
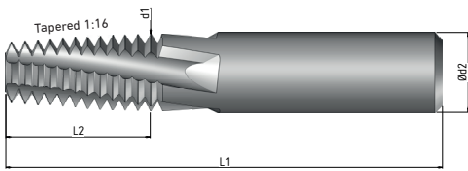
S1.1-S1.3

S1.1-S2.6

FIGNPTF01NF	FIGNPTF01F
FIGNPTF03NF	FIGNPTF03F
FIGNPTF05NF	FIGNPTF05F
FIGNPTF07NF	FIGNPTF07F
FIGNPTF09NF	FIGNPTF09F
FIGNPTF11NF	FIGNPTF11F

FIGNPTF
NPTF
ANSI B1.20.3

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

XL

RH-LH

DIN 6535 HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL



R 15° - RR

R 15° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/16"	27	5.90	60	13.63	8.0	3	FIGNPTF13N	FIGNPTF13T
1/8"	27	7.65	60	13.63	8.0	3	FIGNPTF15N	FIGNPTF15T
1/4"	18	10.15	80	20.44	12.0	4	FIGNPTF17N	FIGNPTF17T
3/8"	18	11.15	80	20.44	12.0	4	FIGNPTF19N	FIGNPTF19T
1/2" 3/4"	14	14.25	88	26.27	16.0	4	FIGNPTF21N	FIGNPTF21T
1", 1" 1/4, 1" 1/2, 2"	11,5	19.60	100	31.98	20.0	5	FIGNPTF23N	FIGNPTF23T
2" 1/2	8	19.88	110	36.51	20.0	4	FIGNPTF25N	FIGNPTF25T



R 15° - RR

R 15° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

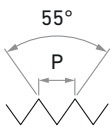
S1.1-S1.3

S1.1-S2.6

FIGNPTF13NF	FIGNPTF13F
FIGNPTF15NF	FIGNPTF15F
FIGNPTF17NF	FIGNPTF17F
FIGNPTF19NF	FIGNPTF19F
FIGNPTF21NF	FIGNPTF21F
FIGNPTF23NF	FIGNPTF23F
FIGNPTF25NF	FIGNPTF25F

FIGBSPT
BSPT

DIN EN 10226-2 ISO 7-1



VHM

e8

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL



R 15° - RR

R 15° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6



R 15° - RR

R 15° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

FIGBSPT03NF

FIGBSPT03F

FIGBSPT05NF

FIGBSPT05F

FIGBSPT07NF

FIGBSPT07F

FIGBSPT09NF

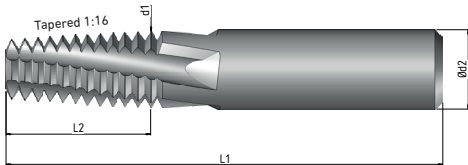
FIGBSPT09F

FIGBSPT11NF

FIGBSPT11F

FIGBSPT13NF

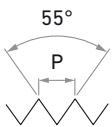
FIGBSPT13F



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/16"	28	5.90	57	9.50	6.0	3	FIGBSPT03N	FIGBSPT03T
1/8"	28	7.65	61	9.50	8.0	3	FIGBSPT05N	FIGBSPT05T
1/4"	19	9.90	73	14.00	10.0	3	FIGBSPT07N	FIGBSPT07T
3/8"	19	11.15	73	14.00	16.0	4	FIGBSPT09N	FIGBSPT09T
1/2", 3/4"	14	14.25	92	20.83	16.0	4	FIGBSPT11N	FIGBSPT11T
1", 1 1/2", 2", 2 1/2"	11	19.60	102	26.51	20.0	4	FIGBSPT13N	FIGBSPT13T

FIGBSPT
BSPT

DIN EN 10226-2 ISO 7-1



VHM

e8

XL

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL



R 15° - RR

R 15° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

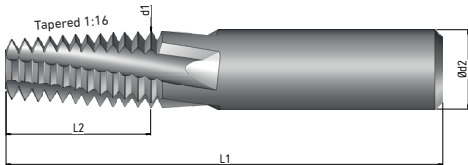
N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/16"	28	5.80	57	15.85	6.0	3	FIGBSPT20N	FIGBSPT20T
1/8"	28	7.70	63	19.48	8.0	3	FIGBSPT22N	FIGBSPT22T
1/4"	19	9.90	73	26.03	10.0	4	FIGBSPT24N	FIGBSPT24T
3/8"	19	13.40	92	32.72	16.0	4	FIGBSPT26N	FIGBSPT26T
1/2", 3/4"	14	15.70	92	42.60	16.0	5	FIGBSPT28N	FIGBSPT28T
1", 1 1/2", 2", 2 1/2"	11	19.90	104	40.35	20.0	5	FIGBSPT30N	FIGBSPT30T



R 15° - RR

R 15° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

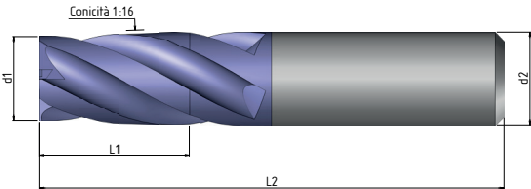
S1.1-S2.6

FIGBSPT20NF	FIGBSPT20F
FIGBSPT22NF	FIGBSPT22F
FIGBSPT24NF	FIGBSPT24F
FIGBSPT26NF	FIGBSPT26F
FIGBSPT28NF	FIGBSPT28F
FIGBSPT30NF	FIGBSPT30F

FIGPRE NPT, NPFT, BSPT

Fresa per preparazione filetto conico 1:16
Conical thread preparation cutter 1:16

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

DIN 6535
HA

INTERNO
INTERNAL

ESTERNO
EXTERNAL



R 30° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

- K
- M1.1-M4.1
- N1.1-N5.2
- S1.1-S2.6
- H1.1-H1.2

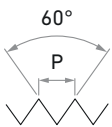
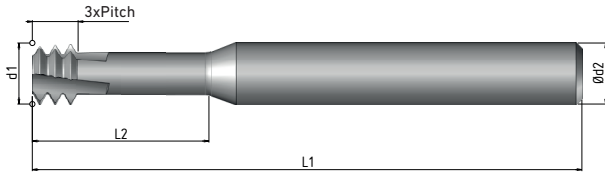
Filetto - Thread	d1	L1	L2	d2	Z	
1/16" NPT,1/16" NPTF,1/16" BSPT	5.3	11.26	55	6.0	3	FIGPRE01T
1/8" NPT,1/8" NPTF,1/8" BSPT	7.3	11.26	55	8.0	3	FIGPRE03T
1/4" NPT,1/4" NPTF,1/4" BSPT	8.8	19.30	75	10.0	4	FIGPRE05T
3/8" NPT,3/8" NPTF,3/8" BSPT	10.8	19.30	75	12.0	4	FIGPRE07T
1/2" NPT,1/2" NPTF,1/2" BSPT,3/4" NPT,3/4" NPTF,3/4" BSPT	12.5	24.15	80	14.0	4	FIGPRE09T
1" NPT,1" NPTF,1" BSPT,1" 3/4 NPT,1" 3/4 NPTF,1" 1/2 NPT,1" 1/2 NPTF,1" 1/2 BSPT,2" NPT,2" NPTF2" BSPT,2" 1/2 BSPT	18.0	32.20	90	20.0	4	FIGPRE11T

FIGMETMIC 2xD

M

DIN 13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

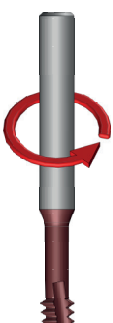
N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
M 1.6	0.35	1.20	39	4.5	3.0	3		FIGMETMIC04N	FIGMETMIC04T
M 2	0.40	1.55	39	4.5	3.0	3		FIGMETMIC03N	FIGMETMIC03T
M 2.2	0.45	1.65	54	5.0	6.0	3		FIGMETMIC05N	FIGMETMIC05T
M 2.5	0.45	1.95	54	5.5	6.0	3		FIGMETMIC07N	FIGMETMIC07T
M 3	0.50	2.35	54	6.5	6.0	3	4	FIGMETMIC09N	FIGMETMIC09T
M 3.5	0.60	2.75	54	7.5	6.0	3	4	FIGMETMIC11N	FIGMETMIC11T
M 4	0.70	3.10	54	9.0	6.0	3	4	FIGMETMIC13N	FIGMETMIC13T
M 4.5	0.75	3.40	54	10.5	6.0	3	4	FIGMETMIC14N	FIGMETMIC14T
M 5	0.80	3.80	54	12.5	6.0	3	4	FIGMETMIC15N	FIGMETMIC15T
M 6	1.00	4.65	54	14.0	6.0	3	4	FIGMETMIC17N	FIGMETMIC17T
M 8	1.25	5.95	54	18.0	6.0	3	4	FIGMETMIC19N	FIGMETMIC19T
M 10	1.50	7.80	64	23.0	8.0	3	4	FIGMETMIC21N	FIGMETMIC21T
M 12	1.75	9.00	73	26.0	10.0	3	4	FIGMETMIC23N	FIGMETMIC23T
M 16	2.00	11.80	80	35.0	12.0	4	5	FIGMETMIC25N	FIGMETMIC25T
M 20	2.50	15.00	100	43.0	16.0	5	6	FIGMETMIC27N	FIGMETMIC27T



L 10° - LR



Coated LTM
≤45 Hrc ≤60 Hrc

N2.7-N2.8

S1.1-S2.6

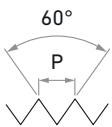
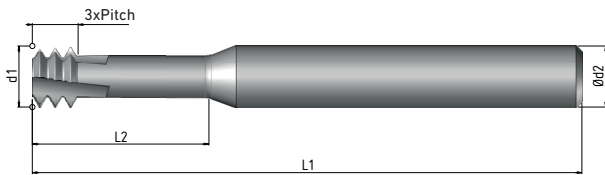
H1.1-H1.3

FIGMETMIC09TX-SX
FIGMETMIC11TX-SX
FIGMETMIC13TX-SX
FIGMETMIC14TX-SX
FIGMETMIC15TX-SX
FIGMETMIC17TX-SX
FIGMETMIC19TX-SX
FIGMETMIC21TX-SX
FIGMETMIC23TX-SX
FIGMETMIC25TX-SX
FIGMETMIC27TX-SX

FIGMETMIC 3xD

M
DIN13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

3xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6



L 10° - LR



Coated LTM
≤45 Hrc ≤60 Hrc

N2.7-N2.8

S1.1-S2.6

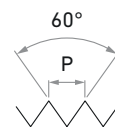
H1.1-H1.3

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
M 1.6	0.35	1.20	39	5.0	3.0	3	4	FIGMETMIC31N	FIGMETMIC31T
M 2	0.40	1.55	39	6.0	3.0	3	4	FIGMETMIC33N	FIGMETMIC33T
M 2.2	0.45	1.65	54	6.0	6.0	3		FIGMETMIC34N	FIGMETMIC34T
M 2.5	0.45	1.95	54	7.5	6.0	3	4	FIGMETMIC35N	FIGMETMIC35T
M 3	0.50	2.35	54	9.5	6.0	3	4	FIGMETMIC37N	FIGMETMIC37T
M 3.5	0.60	2.75	54	10.0	6.0	3	4	FIGMETMIC38N	FIGMETMIC38T
M 4	0.70	3.10	54	12.5	6.0	3	4	FIGMETMIC39N	FIGMETMIC39T
M 4.5	0.75	3.40	54	14.0	6.0	3	4	FIGMETMIC40N	FIGMETMIC40T
M 5	0.80	3.80	54	16.0	6.0	3	4	FIGMETMIC41N	FIGMETMIC41T
M 6	1.00	4.65	54	20.0	6.0	3	4	FIGMETMIC43N	FIGMETMIC43T
M 8	1.25	5.95	54	24.0	6.0	3	4	FIGMETMIC45N	FIGMETMIC45T

FIGMETMIC31TX-SX
FIGMETMIC33TX-SX
FIGMETMIC35TX-SX
FIGMETMIC37TX-SX
FIGMETMIC38TX-SX
FIGMETMIC39TX-SX
FIGMETMIC41TX-SX
FIGMETMIC43TX-SX
FIGMETMIC45TX-SX
FIGMETMIC47TX-SX

FIGUNMIC 2xD

UNC, UNF



VHM

e8

2xD

RH-LH

DIN 6535
HA

**INTERNO
INTERNAL**



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
<45 HrcCoated TN
<45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

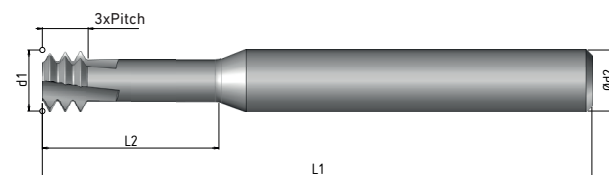
N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

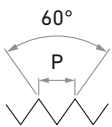
S1.1-S1.3

S1.1-S2.6



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	SW 515	SW 525
Nr. 1 UNF	72	1.45	39	3.7	3.0	3	FIGUNMIC01N	FIGUNMIC01T
Nr. 1 UNC Nr. 2 UNF	64	1.40	39	3.8	3.0	3	FIGUNMIC03N	FIGUNMIC03T
Nr. 2 UNC Nr. 3 UNF	56	1.65	54	4.4	6.0	3	FIGUNMIC05N	FIGUNMIC05T
Nr. 3 UNC Nr. 3 UNF	48	1.90	54	5.2	6.0	3	FIGUNMIC07N	FIGUNMIC07T
Nr. 4 UNC	40	2.10	54	6.3	6.0	3	FIGUNMIC09N	FIGUNMIC09T
Nr. 5 UNC Nr. 6 UNF	40	2.45	54	7.0	6.0	3	FIGUNMIC11N	FIGUNMIC11T
Nr. 8 UNF	36	3.30	54	9.0	6.0	3	FIGUNMIC13N	FIGUNMIC13T
Nr. 6 UNC	32	2.55	54	7.1	6.0	3	FIGUNMIC15N	FIGUNMIC15T
Nr. 8 UNC	32	3.20	54	9.5	6.0	3	FIGUNMIC17N	FIGUNMIC17T
Nr. 10 UNF	32	3.70	54	10.5	6.0	3	FIGUNMIC19N	FIGUNMIC19T
Nr. 12 UNF	28	4.20	54	11.0	6.0	3	FIGUNMIC21N	FIGUNMIC21T
1/4" UNF	28	5.00	54	14.5	6.0	3	FIGUNMIC23N	FIGUNMIC23T
10" UNC 12" UNC	24	3.50	54	9.0	6.0	3	FIGUNMIC25N	FIGUNMIC25T
5/16" UNF 3/8" UNF	24	6.60	64	17.0	8.0	3	FIGUNMIC27N	FIGUNMIC27T
1/4" UNC	20	4.75	54	14.0	6.0	3	FIGUNMIC29N	FIGUNMIC29T
7/16" UNF	20	8.00	64	25.0	8.0	3	FIGUNMIC31N	FIGUNMIC31T
5/16" UNC	18	6.00	54	17.0	6.0	3	FIGUNMIC33N	FIGUNMIC33T
5/8" UNF	18	12.00	80	35.0	12.0	4	FIGUNMIC35N	FIGUNMIC35T
3/8" UNC	16	6.70	64	22.0	8.0	3	FIGUNMIC37N	FIGUNMIC37T
7/16" UNC	14	7.70	64	25.0	8.0	3	FIGUNMIC39N	FIGUNMIC39T
1/2" UNC	13	9.20	73	27.5	10.0	4	FIGUNMIC41N	FIGUNMIC41T
9/16" UNC	12	10.50	80	31.5	12.0	4	FIGUNMIC43N	FIGUNMIC43T
5/8" UNC	11	11.40	80	34.5	12.0	4	FIGUNMIC45N	FIGUNMIC45T
3/4" UNC	10	14.40	100	41.5	16.0	4	FIGUNMIC47N	FIGUNMIC47T

FIGUNMIC 3xD
UNC, UNF
ASME B1.1



VHM

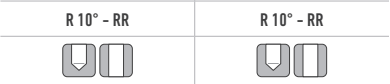
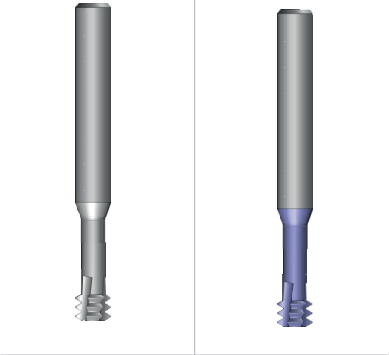
e8

3xD

RH-LH

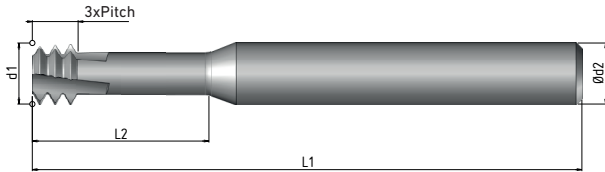
DIN 6535
HA

INTERNO
INTERNAL



TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
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MATERIALI LAVORABILI WORKING MATERIALS page 40 + 3	P1.1-P5.1	P1.1-P5.1
	K1.1-K4.2	M1.1-M4.1
	N1.1-N1.5	K1.1-K4.2
	N2.1-N2.6	N1.1-N3.2
	N3.1-N4.2-N5.2	N4.3-N5.2
	S1.1-S1.3	S1.1-S2.6



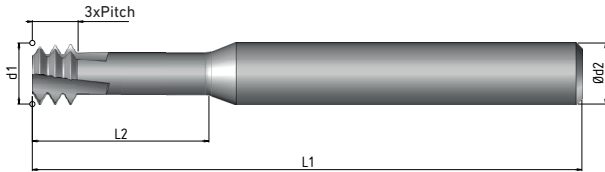
Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
Nr. 1 UNF	72	1.45	39	6.0	3.0	3	FIGUNMIC51N	FIGUNMIC51T
Nr. 2 UNC Nr. 3 UNF	56	1.65	54	6.6	6.0	3	FIGUNMIC53N	FIGUNMIC53T
Nr. 4 UNC	40	2.10	54	8.0	6.0	3	FIGUNMIC55N	FIGUNMIC55T
Nr. 5 UNC Nr. 6 UNF	40	2.45	54	9.6	6.0	3	FIGUNMIC57N	FIGUNMIC57T
Nr. 6 UNC	32	2.55	54	10.5	6.0	3	FIGUNMIC59N	FIGUNMIC59T
Nr. 8 UNC	32	3.20	54	12.5	6.0	3	FIGUNMIC61N	FIGUNMIC61T
Nr. 10 UNC 12 UNC	24	3.50	54	12.5	6.0	3	FIGUNMIC62N	FIGUNMIC62T
Nr. 10 UNF	32	3.70	54	15.0	6.0	3	FIGUNMIC63N	FIGUNMIC63T
1/4" UNF	28	5.00	54	19.0	6.0	3	FIGUNMIC65N	FIGUNMIC65T
5/16" UNF 3/8" UNF	24	6.60	64	24.0	8.0	3	FIGUNMIC67N	FIGUNMIC67T
1/4" UNC	20	4.75	54	19.0	6.0	3	FIGUNMIC69N	FIGUNMIC69T
5/16" UNC	18	6.00	54	23.0	6.0	3	FIGUNMIC71N	FIGUNMIC71T

FIGGAWMIC 2xD

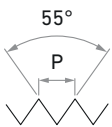
G_(BSP), RP_(BSPP), W

DIN EN ISO 228, DIN EN 10226-1,
ISO 7/1, BS 84

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	Z type TX		
1/16"BSP	28	5,8	54	18	6	3	4	FIGGAWMIC01N	FIGGAWMIC01T
1/8"BSP	28	7,8	64	20	8	3	4	FIGGAWMIC03N	FIGGAWMIC03T
1/4"BSP, 3/8"BSP	19	10	73	30	10	4	5	FIGGAWMIC05N	FIGGAWMIC05T
1/2"BSP, 5/8"BSP, 3/4"BSP, 7/8"BSP	14	12	95	42	12	4	5	FIGGAWMIC07N	FIGGAWMIC07T
1" >BSP	11	16	105	44	16	5	6	FIGGAWMIC09N	FIGGAWMIC09T



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535
HA
- INTERNO
INTERNAL
- ESTERNO
EXTERNAL



R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

K1.1-K4.2

N1.1-N1.5

N2.1-N2.6

N3.1-N4.2-N5.2

S1.1-S1.3



R 10° - RR



Coated TNF
≤45 Hrc

P1.1-P5.1

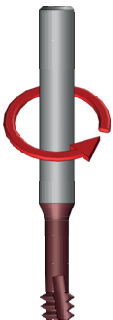
M1.1-M4.1

K1.1-K4.2

N1.1-N3.2

N4.3-N5.2

S1.1-S2.6



L 10° - LR



Coated LTM
≤45 Hrc ≤60 Hrc

N2.7-N2.8

S1.1-S2.6

H1.1-H1.3

FIGGAWMIC01TX-SX

FIGGAWMIC03TX-SX

FIGGAWMIC05TX-SX

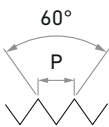
FIGGAWMIC07TX-SX

FIGGAWMIC09TX-SX

FIGMETMONO 3xD

M
R262 DIN13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

3xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

R 10° - RR

TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 3

P1.1-P5.1

M1.1-M4.1

K1.1-K4.2

N1.1-N3.2

N4.3-N5.2

S1.1-S2.6

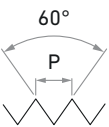
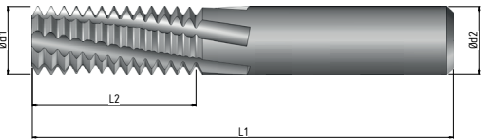
Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	
M 6	1.00	4.1	63	19	8.0	3	FIGMETMONO03T
M 8	1.25	5.8	73	26	10.0	3	FIGMETMONO05T
M 10	1.50	7.7	73	32	10.0	3	FIGMETMONO07T
M 12	1.50	9.4	83	38	12.0	4	FIGMETMONO09T
M 12	1.75	8.7	83	38	12.0	4	FIGMETMONO11T
M 14	2.00	10.2	92	44	16.0	4	FIGMETMONO13T
M 16	2.00	12.2	100	50	16.0	4	FIGMETMONO15T
M 18	2.50	12.9	108	57	16.0	5	FIGMETMONO17T
M 20	2.50	14.8	114	63	16.0	5	FIGMETMONO19T

FIGMJ 1,5xD

MJ

DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

1,5xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z		
MJ 4	0.70	3.1	52	5	6.0	3	FIGMJ40N	FIGMJ40T
MJ 5	0.80	4.0	49	6	6.0	3	FIGMJ42N	FIGMJ42T
MJ 6 MJ 7	1.00	4.5	50	7	6.0	3	FIGMJ44N	FIGMJ44T
MJ 8	1.00	6.0	49	9	6.0	3	FIGMJ46N	FIGMJ46T
MJ 10 MJ 12	1.25	8.0	57	12	8.0	3	FIGMJ48N	FIGMJ48T
MJ 14	1.50	10.0	70	15	10.0	4	FIGMJ50N	FIGMJ50T
MJ 16	1.50	12.0	70	18	12.0	4	FIGMJ52N	FIGMJ52T
MJ 18	1.50	14.0	86	21	14.0	4	FIGMJ54N	FIGMJ54T
MJ 20 MJ 22	1.50	16.0	84	24	16.0	5	FIGMJ56N	FIGMJ56T
MJ 24 >	2.00	20.0	100	30	20.0	5	FIGMJ58N	FIGMJ58T



R 10° - RR

R 10° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

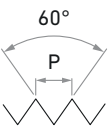
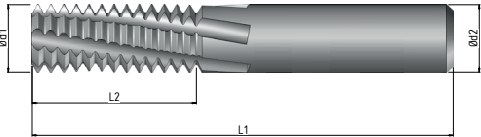
S1.1-S2.6

FIGMJ42NF	FIGMJ42F
FIGMJ44NF	FIGMJ44F
FIGMJ46NF	FIGMJ46F
FIGMJ48NF	FIGMJ48F
FIGMJ50NF	FIGMJ50F
FIGMJ52NF	FIGMJ52F
FIGMJ54NF	FIGMJ54F
FIGMJ56NF	FIGMJ56F
FIGMJ58NF	FIGMJ58F

FIGMJ 2xD

MJ
DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z		
MJ 4	0.70	3.1	54	8	6.0	3	FIGMJ03N	FIGMJ03T
MJ 5	0.80	4.0	54	12	6.0	3	FIGMJ00N	FIGMJ00T
MJ 6 MJ 7	1.00	4.5	54	12	6.0	3	FIGMJ02N	FIGMJ02T
MJ 8	1.00	6.0	54	15	6.0	3	FIGMJ05N	FIGMJ05T
MJ 10 MJ 12	1.25	8.0	65	20	8.0	3	FIGMJ10N	FIGMJ10T
MJ 14	1.50	10.0	80	25	10.0	4	FIGMJ16N	FIGMJ16T
MJ 16	1.50	12.0	82	30	12.0	4	FIGMJ20N	FIGMJ20T
MJ 18	1.50	14.0	100	35	14.0	4	FIGMJ24N	FIGMJ24T
MJ 20 MJ 22	1.50	16.0	100	40	16.0	5	FIGMJ29N	FIGMJ29T
MJ 24 >	2.00	20.0	110	40	20.0	5	FIGMJ35N	FIGMJ35T



R 10° - RR

R 10° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

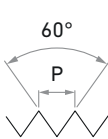
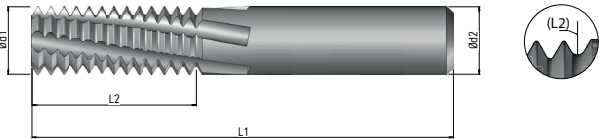
S1.1-S2.6

FIGMJ00NF	FIGMJ00F
FIGMJ02NF	FIGMJ02F
FIGMJ05NF	FIGMJ05F
FIGMJ10NF	FIGMJ10F
FIGMJ16NF	FIGMJ16F
FIGMJ20NF	FIGMJ20F
FIGMJ24NF	FIGMJ24F
FIGMJ29NF	FIGMJ29F
FIGMJ35NF	FIGMJ35F

FIGUNJ 1,5xD

UNJ,UNJF,UNJC
UNJEF
ASME B1.15

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

1,5xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL

	R 10° - RR	R 10° - RR
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1	P1.1-P5.1
	K1.1-K4.2	M1.1-M4.1
	N1.1-N1.5	K1.1-K4.2
	N2.1-N2.6	N1.1-N3.2
	N3.1-N4.2-N5.2	N4.3-N5.2
	S1.1-S1.3	S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
5/16" UNJF 3/8" UNJF	24	6.0	49	9	6.0	3	FIGUNJ58N	FIGUNJ58T
5/16" UNJC	18	6.0	49	9	6.0	3	FIGUNJ60N	FIGUNJ60T
3/8" UNJC 7/16" UNJ	16	6.0	49	9	6.0	3	FIGUNJ62N	FIGUNJ62T
7/16" UNJEF 1/2" UNJEF	28	8.0	58	12	8.0	3	FIGUNJ64N	FIGUNJ64T
7/16" UNJF 1/2" UNJF	20	8.0	58	12	8.0	3	FIGUNJ66N	FIGUNJ66T
1/2" UNJ 9/16" UNJ	16	8.0	58	12	8.0	3	FIGUNJ68N	FIGUNJ68T
7/16" UNJC	14	8.0	58	12	8.0	3	FIGUNJ70N	FIGUNJ70T
1/2" UNJC	13	8.0	58	12	8.0	3	FIGUNJ72N	FIGUNJ72T
9/16" UNJEF 11/16" UNJEF	24	10.0	70	15	10.0	4	FIGUNJ74N	FIGUNJ74T
9/16" UNJF 5/8" UNJF	18	10.0	70	15	10.0	4	FIGUNJ76N	FIGUNJ76T
9/16" UNJC	12	10.0	70	15	10.0	4	FIGUNJ78N	FIGUNJ78T
5/8" UNJ 13/16" UNJ	16	12.0	70	18	12.0	4	FIGUNJ80N	FIGUNJ80T
5/8" UNJ 13/16" UNJ	12	12.0	70	18	12.0	4	FIGUNJ82N	FIGUNJ82T
5/8" UNJC	11	12.0	70	18	12.0	4	FIGUNJ84N	FIGUNJ84T
3/4" UNJC	10	12.0	70	18	12.0	4	FIGUNJ86N	FIGUNJ86T
3/4" UNJEF 1" UNJEF	20	16.0	84	24	16.0	5	FIGUNJ88N	FIGUNJ88T
7/8" UNJ 1" UNJ	16	15.5	84	24	16.0	5	FIGUNJ90N	FIGUNJ90T
7/8" UNJF	14	15.5	84	24	16.0	5	FIGUNJ92N	FIGUNJ92T
7/8" UNJ 1" UNJF	12	16.0	84	24	16.0	5	FIGUNJ94N	FIGUNJ94T
1 11/16" UNJEF >	18	20.0	100	30	20.0	5	FIGUNJ96N	FIGUNJ96T
1 11/16" UNJ 2 1/2" UNJ >	16	20.0	100	30	20.0	5	FIGUNJ98N	FIGUNJ98T
1 11/16" UNJ 2 1/2" UNJ >	12	20.0	100	30	20.0	5	FIGUNJ100N	FIGUNJ100T

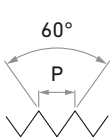
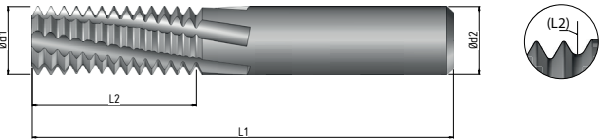
R 10° - RR	R 10° - RR
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1	P1.1-P5.1
K1.1-K4.2	M1.1-M4.1
N1.1-N1.5	K1.1-K4.2
N2.1-N2.6	N1.1-N3.2
N3.1-N4.2-N5.2	N4.3-N5.2
S1.1-S1.3	S1.1-S2.6

FIGUNJ58NF	FIGUNJ58F
FIGUNJ60NF	FIGUNJ60F
FIGUNJ62NF	FIGUNJ62F
FIGUNJ64NF	FIGUNJ64F
FIGUNJ66NF	FIGUNJ66F
FIGUNJ68NF	FIGUNJ68F
FIGUNJ70NF	FIGUNJ70F
FIGUNJ72NF	FIGUNJ72F
FIGUNJ74NF	FIGUNJ74F
FIGUNJ76NF	FIGUNJ76F
FIGUNJ78NF	FIGUNJ78F
FIGUNJ80NF	FIGUNJ80F
FIGUNJ82NF	FIGUNJ82F
FIGUNJ84NF	FIGUNJ84F
FIGUNJ86NF	FIGUNJ86F
FIGUNJ88NF	FIGUNJ88F
FIGUNJ90NF	FIGUNJ90F
FIGUNJ92NF	FIGUNJ92F
FIGUNJ94NF	FIGUNJ94F
FIGUNJ96NF	FIGUNJ96F
FIGUNJ98NF	FIGUNJ98F
FIGUNJ100NF	FIGUNJ100F

FIGUNJ 2xD

UNJ,UNJF,UNJC
UNJEF
ASME B1.15

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
5/16" UNJF 3/8" UNJF	24	6.0	54	15	6.0	3	FIGUNJ04N	FIGUNJ04T
5/16" UNJC	18	6.0	54	15	6.0	3	FIGUNJ06N	FIGUNJ06T
3/8" UNJC 7/16" UNJ	16	6.0	54	15	6.0	3	FIGUNJ08N	FIGUNJ08T
7/16" UNJEF 1/2" UNJEF	28	8.0	65	20	8.0	3	FIGUNJ10N	FIGUNJ10T
7/16" UNJF 1/2" UNJF	20	8.0	65	20	8.0	3	FIGUNJ12N	FIGUNJ12T
1/2" UNJ 9/16" UNJ	16	8.0	65	20	8.0	3	FIGUNJ14N	FIGUNJ14T
7/16" UNJC	14	8.0	65	20	8.0	3	FIGUNJ16N	FIGUNJ16T
1/2" UNJC	13	8.0	65	20	8.0	3	FIGUNJ18N	FIGUNJ18T
9/16" UNJEF 11/16" UNJEF	24	10.0	80	25	10.0	4	FIGUNJ20N	FIGUNJ20T
9/16" UNJF 5/8" UNJF	18	10.0	80	25	10.0	4	FIGUNJ22N	FIGUNJ22T
9/16" UNJC	12	10.0	80	25	10.0	4	FIGUNJ24N	FIGUNJ24T
5/8" UNJ 13/16" UNJ	16	12.0	82	30	12.0	4	FIGUNJ26N	FIGUNJ26T
5/8" UNJ 13/16" UNJ	12	12.0	82	30	12.0	4	FIGUNJ28N	FIGUNJ28T
5/8" UNJC	11	12.0	82	30	12.0	4	FIGUNJ30N	FIGUNJ30T
3/4" UNJC	10	12.0	82	30	12.0	4	FIGUNJ32N	FIGUNJ32T
3/4" UNJEF 1" UNJEF	20	16.0	100	40	16.0	5	FIGUNJ34N	FIGUNJ34T
7/8" UNJ 1" UNJ	16	15.5	100	40	16.0	5	FIGUNJ36N	FIGUNJ36T
7/8" UNJF	14	15.5	100	40	16.0	5	FIGUNJ38N	FIGUNJ38T
7/8" UNJ 1" UNJF	12	16.0	100	40	16.0	5	FIGUNJ40N	FIGUNJ40T
1 11/16" UNJEF >	18	20.0	110	40	20.0	5	FIGUNJ42N	FIGUNJ42T
1 11/16" UNJ 2 1/2" UNJ >	16	20.0	110	40	20.0	5	FIGUNJ44N	FIGUNJ44T
1 11/16" UNJ 2 1/2" UNJ >	12	20.0	110	40	20.0	5	FIGUNJ46N	FIGUNJ46T



R 10° - RR

R 10° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

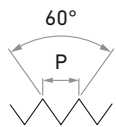
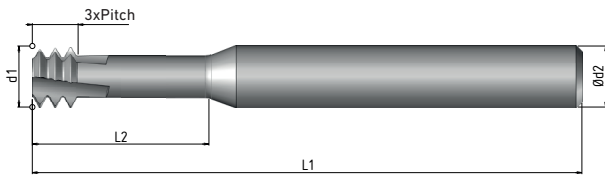
S1.1-S2.6

FIGUNJ04NF	FIGUNJ04F
FIGUNJ06NF	FIGUNJ06F
FIGUNJ08NF	FIGUNJ08F
FIGUNJ10NF	FIGUNJ10F
FIGUNJ12NF	FIGUNJ12F
FIGUNJ14NF	FIGUNJ14F
FIGUNJ16NF	FIGUNJ16F
FIGUNJ18NF	FIGUNJ18F
FIGUNJ20NF	FIGUNJ20F
FIGUNJ22NF	FIGUNJ22F
FIGUNJ24NF	FIGUNJ24F
FIGUNJ26NF	FIGUNJ26F
FIGUNJ28NF	FIGUNJ28F
FIGUNJ30NF	FIGUNJ30F
FIGUNJ32NF	FIGUNJ32F
FIGUNJ34NF	FIGUNJ34F
FIGUNJ36NF	FIGUNJ36F
FIGUNJ38NF	FIGUNJ38F
FIGUNJ40NF	FIGUNJ40F
FIGUNJ42NF	FIGUNJ42F
FIGUNJ44NF	FIGUNJ44F
FIGUNJ46NF	FIGUNJ46F

FIGMJMIC 2xD

MJ
DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535 HA
- INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

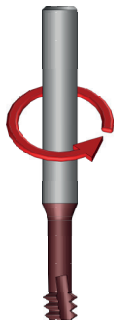
N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
MJ 3	0.50	2.35	54	6.50	6.0	3	4	FIGMJMIC01N	FIGMJMIC01T
MJ 3.5	0.60	2.75	54	7.50	6.0	3	4	FIGMJMIC03N	FIGMJMIC03T
MJ 4	0.70	3.10	54	9.00	6.0	3	4	FIGMJMIC05N	FIGMJMIC05T
MJ 5	0.80	3.80	54	12.50	6.0	3	4	FIGMJMIC07N	FIGMJMIC07T
MJ 6	1.00	4.65	54	14.00	6.0	3	4	FIGMJMIC09N	FIGMJMIC09T
MJ 8	1.25	5.95	54	18.00	6.0	3	4	FIGMJMIC11N	FIGMJMIC11T
MJ 10	1.50	7.80	64	23.00	8.0	3	4	FIGMJMIC13N	FIGMJMIC13T
MJ 12	1.75	9.00	73	26.00	10.0	3	4	FIGMJMIC15N	FIGMJMIC15T
MJ 14	2.00	10.40	80	35.00	12.0	4		FIGMJMIC17N	FIGMJMIC17T
MJ 16	2.00	11.80	80	35.00	12.0		5	FIGMJMIC19N	FIGMJMIC19T
MJ 20	2.50	15.00	100	43.00	16.0	4	6		



L 10° - LR



Coated LTM
≤45 Hrc ≤60 Hrc

N2.7-N2.8

S1.1-S2.6

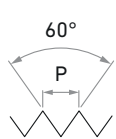
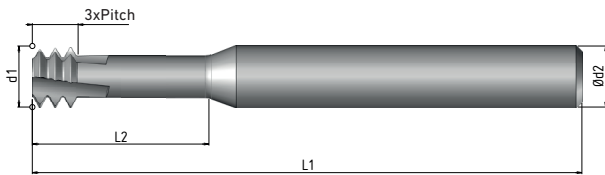
H1.1-H1.3

FIGMJMIC09TX-SX
FIGMJMIC11TX-SX
FIGMJMIC13TX-SX
FIGMJMIC15TX-SX
FIGMJMIC17TX-SX
FIGMJMIC19TX-SX
FIGMJMIC21TX-SX
FIGMJMIC23TX-SX
FIGMJMIC25TX-SX
FIGMJMIC27TX-SX

FIGMJMIC 3xD

MJ
DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 3xD
- RH-LH
- DIN 6535 HA
- INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
MJ 3	0.50	2.35	54	9.50	6.0	3	4	FIGMJMIC30N	FIGMJMIC30T
MJ 3.5	0.60	2.75	54	10.00	6.0	3		FIGMJMIC32N	FIGMJMIC32T
MJ 4	0.70	3.10	54	12.50	6.0	3	4	FIGMJMIC34N	FIGMJMIC34T
MJ 5	0.80	3.80	54	16.00	6.0	3	4	FIGMJMIC36N	FIGMJMIC36T
MJ 6	1.00	4.65	54	20.00	6.0	3	4	FIGMJMIC38N	FIGMJMIC38T
MJ 8	1.25	5.95	54	24.00	6.0	3	4	FIGMJMIC40N	FIGMJMIC40T



L 10° - LR



Coated LTM
≤45 Hrc ≤60 Hrc

N2.7-N2.8

S1.1-S2.6

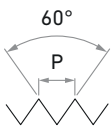
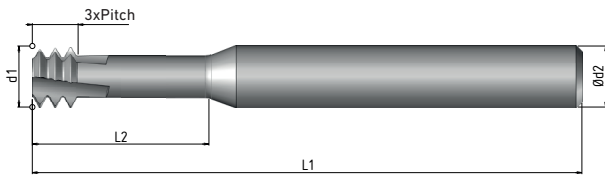
H1.1-H1.3

FIGMJMIC37TX-SX
FIGMJMIC39TX-SX
FIGMJMIC41TX-SX
FIGMJMIC43TX-SX
FIGMJMIC45TX-SX

FIGUNJMIC 2xD

UNJ,UNJF,UNJC,
UNJEF
ASME B1.15

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 40 + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

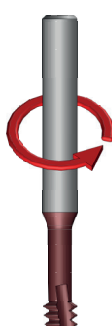
N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	Z type TX		
Nr. 4 UNJC	40	2.10	54	6.3	6.0	3		FIGUNJMIC02N	FIGUNJMIC02T
Nr. 5 UNJF	44	2.10	54	6.3	6.0	3		FIGUNJMIC03N	FIGUNJMIC03T
Nr. 6 UNJF	40	2.45	54	7.0	6.0	3		FIGUNJMIC04N	FIGUNJMIC04T
Nr. 6 UNJC 1/4" UNJEF	32	2.55	54	7.0	6.0	3		FIGUNJMIC05N	FIGUNJMIC05T
Nr. 8 UNJF	36	3.30	54	9.0	6.0	3		FIGUNJMIC07N	FIGUNJMIC07T
Nr. 10 UNJC Nr. 12 UNJC	24	3.50	54	9.0	6.0	3		FIGUNJMIC09N	FIGUNJMIC09T
Nr. 8 UNJC Nr. 10 UNJF	32	3.30	54	9.0	6.0		4		
Nr. 12 UNJF	28	4.20	54	11.0	6.0	3		FIGUNJMIC11N	FIGUNJMIC11T
1/4" UNJC	20	4.75	54	14.5	6.0		4		
1/4" UNJC	20	4.75	54	14.0	6.0	3		FIGUNJMIC13N	FIGUNJMIC13T
1/4" UNJF	28	5.00	54	14.0	6.0		4		
5/16" UNJC 9/16" UNJF	18	6.00	64	23.0	8.0		4		
5/16" UNJC 9/16" UNJF	18	6.00	64	17.0	8.0	3		FIGUNJMIC15N	FIGUNJMIC15T
5/16" UNJF 3/8" UNJF	24	6.60	64	17.0	8.0	3	4	FIGUNJMIC17N	FIGUNJMIC17T
3/8" UNJC	16	6.70	64	23.0	8.0		4		
3/8" UNJC	16	6.70	64	22.0	8.0	3		FIGUNJMIC19N	FIGUNJMIC19T
7/16" UNJC	14	7.70	64	23.0	8.0		4		
7/16" UNJF	20	8.00	64	23.0	8.0		4		
7/16" UNJ	14	7.70	64	25.0	8.0	3		FIGUNJMIC21N	FIGUNJMIC21T
7/16" UNJF	20	8.00	64	25.0	8.0	3		FIGUNJMIC23N	FIGUNJMIC23T
1/2" UNJC	13	9.20	73	27.5	10.0	4		FIGUNJMIC25N	FIGUNJMIC25T
3/4" UNJF	16	12.00	80	35.0	12.0	4		FIGUNJMIC27N	FIGUNJMIC27T



L 10° - LR



Coated LTM
≤45 Hrc ≤60 Hrc

N2.7-N2.8

S1.1-S2.6

H1.1-H1.3

FIGUNJMIC03TX-SX

FIGUNJMIC09TX-SX

FIGUNJMIC05TX-SX

FIGUNJMIC13TX-SX

FIGUNJMIC07TX-SX

FIGUNJMIC15TX-SX

FIGUNJMIC17TX-SX

FIGUNJMIC11TX-SX

FIGUNJMIC 3xD

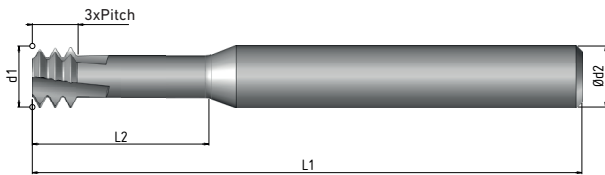
UNJ,UNJF,UNJC,
UNJEF

ASME B1.15

60°

P

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 3xD
- RH-LH
- DIN 6535
HA
- INTERNO
INTERNAL

	
R 10° - RR	R 10° - RR
	
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1	P1.1-P5.1
K1.1-K4.2	M1.1-M4.1
N1.1-N1.5	K1.1-K4.2
N2.1-N2.6	N1.1-N3.2
N3.1-N4.2-N5.2	N4.3-N5.2
S1.1-S1.3	S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	Z type TX
Nr. 4 UNJC	40	2.10	54	8.0	6.0	3	FIGUNJMIC50N FIGUNJMIC50T
Nr. 5 UNJF	44	2.10	54	8.0	6.0	3	FIGUNJMIC51N FIGUNJMIC51T
Nr. 6 UNJF	40	2.45	54	9.6	6.0	3	FIGUNJMIC52N FIGUNJMIC52T
Nr. 6 UNJC 1/4" UNJEF	32	2.55	54	10.5	6.0	3	FIGUNJMIC53N FIGUNJMIC53T
Nr. 8 UNJF	36	3.30	54	12.5	6.0	3	FIGUNJMIC55N FIGUNJMIC55T
Nr. 10 UNJC Nr. 12 UNJC	24	3.50	54	12.5	6.0	3	FIGUNJMIC57N FIGUNJMIC57T
Nr. 8 UNJC Nr. 10 UNJF	32	3.30	54	12.5	6.0	4	
Nr. 12 UNJF	28	4.20	54	15.0	6.0	3	FIGUNJMIC59N FIGUNJMIC59T
1/4" UNJC	20	4.75	54	20.0	6.0	4	
1/4" UNJC	20	4.75	54	19.0	6.0	3	FIGUNJMIC61N FIGUNJMIC61T
1/4" UNJF	28	5.00	54	19.0	6.0	4	
5/16" UNJC 9/16" UNJF	18	6.00	64	28.0	8.0	4	
5/16" UNJC 9/16" UNJF	18	6.00	64	24.0	8.0	3	FIGUNJMIC63N FIGUNJMIC63T
5/16" UNJF 3/8" UNJF	24	6.60	64	24.0	8.0	3	4 FIGUNJMIC65N FIGUNJMIC65T
3/8" UNJC	16	6.70	64	28.0	8.0	4	
3/8" UNJC	16	6.70	64	28.9	8.0	3	FIGUNJMIC67N FIGUNJMIC67T
7/16" UNJC	14	7.70	64	28.0	8.0	4	
7/16" UNJF	20	8.00	64	28.0	8.0	4	

L 10° - LR
Coated LTM ≤45 Hrc ≤60 Hrc
N2.7-N2.8
S1.1-S2.6
H1.1-H1.3

FIGUNJMIC31TX-SX

FIGUNJMIC37TX-SX

FIGUNJMIC33TX-SX
FIGUNJMIC41TX-SX

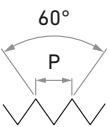
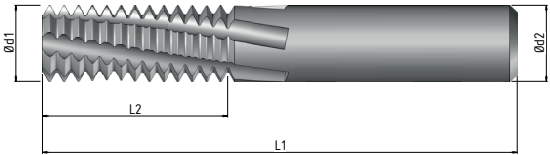
FIGUNJMIC35TX-SX
FIGUNJMIC43TX-SX

FIGUNJMIC45TX-SX
FIGUNJMIC39TX-SX

FIGMET_EXT 2xD

M
DIN13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535
HA
- ESTERNO
EXTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

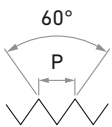
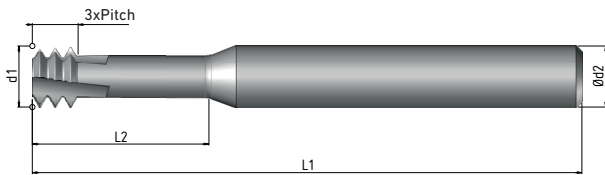
S1.1-S2.6

Pitch mm	d1	L1	L2	d2	Z		
1.00	8.0	65	20	8.0	3	FIGMET17N_EXT	FIGMET17T_EXT
1.25	10.0	80	25	10.0	4	FIGMET19N_EXT	FIGMET19T_EXT
1.50	12.0	82	30	12.0	4	FIGMET21N_EXT	FIGMET21T_EXT
1.75	14.0	100	35	14.0	4	FIGMET23N_EXT	FIGMET23T_EXT
2.00	16.0	100	40	16.0	5	FIGMET25N_EXT	FIGMET25T_EXT
2.50	18.0	110	40	18.0	5	FIGMET27N_EXT	FIGMET27T_EXT
3.00	20.0	110	40	20.0	5	FIGMET29N_EXT	FIGMET29T_EXT

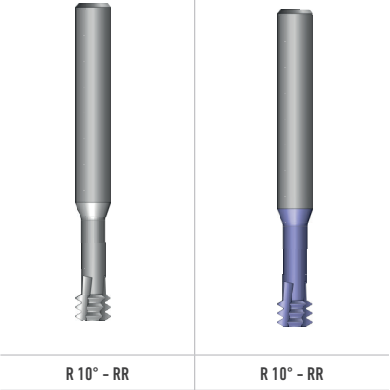
FIGMETMIC_EXT 2xD

M
DIN13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535
HA
- ESTERNO
EXTERNAL



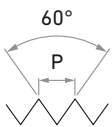
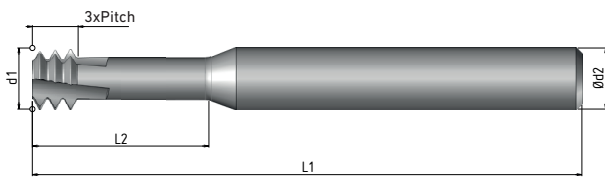
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

Pitch mm	d1	L1	L2	d2	Z	FIGMETMIC07N_EXT	FIGMETMIC07T_EXT
0.50	6.0	54	18	6	3	FIGMETMIC11N_EXT	FIGMETMIC11T_EXT
0.75	6.0	54	18	6	3		

FIGMETMIC_EXT 3xD

M
DIN13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 3xD
- RH-LH
- DIN 6535
HA
- ESTERNO
EXTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D + 3

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Pitch mm	d1	L1	L2	d2	Z
0.50	6.0	54	24	6.0	3
0.75	6.0	54	24	6.0	3

FIGMETMIC09N_EXT

FIGMETMIC09T_EXT

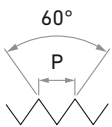
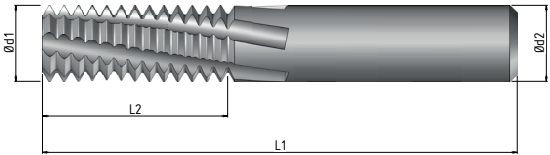
FIGMETMIC13N_EXT

FIGMETMIC13T_EXT

FIGMJ_EXT 2xD

MJ
DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535
HA
- ESTERNO
EXTERNAL

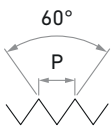
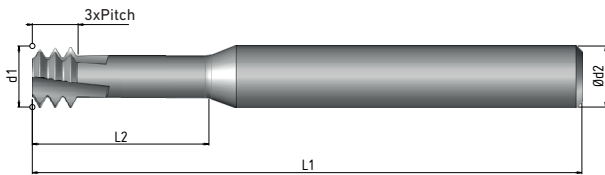
		
	R 10° - RR	R 10° - RR
		
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1	P1.1-P5.1
	K1.1-K4.2	M1.1-M4.1
	N1.1-N1.5	K1.1-K4.2
	N2.1-N2.6	N1.1-N3.2
	N3.1-N4.2-N5.2	N4.3-N5.2
	S1.1-S1.3	S1.1-S2.6

Pitch mm	d1	L1	L2	d2	Z		
1.00	8.0	65	20	8.0	3	FIGMJ58N_EXT	FIGMJ58T_EXT
1.25	10.0	80	25	10.0	4	FIGMJ60N_EXT	FIGMJ60T_EXT
1.50	12.0	82	30	12.0	4	FIGMJ62N_EXT	FIGMJ62T_EXT
1.75	14.0	100	35	14.0	4	FIGMJ64N_EXT	FIGMJ64T_EXT
2.00	16.0	100	40	16.0	5	FIGMJ66N_EXT	FIGMJ66T_EXT
2.50	18.0	110	40	18.0	5	FIGMJ68N_EXT	FIGMJ68T_EXT
3.00	20.0	110	40	20.0	5	FIGMJ70N_EXT	FIGMJ70T_EXT

FIGMJMIC_EXT 2xD

MJ
DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535
HA
- ESTERNO
EXTERNAL



R 10° - RR



R 10° - RR



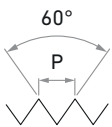
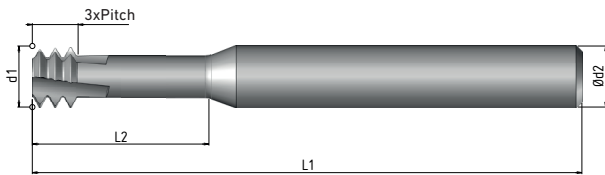
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D • 3	P1.1-P5.1	P1.1-P5.1
	K1.1-K4.2	M1.1-M4.1
	N1.1-N1.5	K1.1-K4.2
	N2.1-N2.6	N1.1-N3.2
	N3.1-N4.2-N5.2	N4.3-N5.2
	S1.1-S1.3	S1.1-S2.6

Pitch mm	d1	L1	L2	d2	Z	FIGMJMIC50N_EXT	FIGMJMIC50T_EXT
0.50	6.0	54	18	6.0	3	FIGMJMIC54N_EXT	FIGMJMIC54T_EXT
0.75	6.0	54	18	6.0	3		

FIGMJMIC_EXT 3xD

MJ
DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 3xD
- RH-LH
- DIN 6535
HA
- ESTERNO
EXTERNAL



R 10° - RR



R 10° - RR

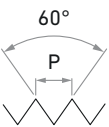
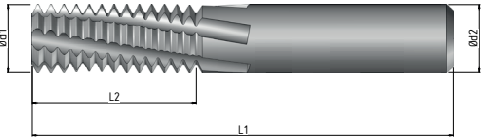


TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1	P1.1-P5.1
	K1.1-K4.2	M1.1-M4.1
	N1.1-N1.5	K1.1-K4.2
	N2.1-N2.6	N1.1-N3.2
	N3.1-N4.2-N5.2	N4.3-N5.2
	S1.1-S1.3	S1.1-S2.6
	FIGMJMIC52N_EXT	FIGMJMIC52T_EXT
	FIGMJMIC56N_EXT	FIGMJMIC56T_EXT

Pitch mm	d1	L1	L2	d2	Z		
0.50	6.0	54	24	6.0	3		
0.75	6.0	54	24	6.0	3		

FIGEGM 2xD
Eg, M
DIN 8140-2

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

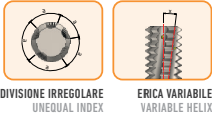
RH-LH

DIN 6535 HA

INTERNO
INTERNAL

	R 10° - RR	R 10° - RR
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

DATI TECNICI
TECHNICAL DATA



Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
EG-M 4	0.70	3.1	54	8	6.0	3		FIGEGM03N	FIGEGM03T
EG-M 5	0.80	4.0	54	12	6.0	3	4	FIGEGM00N	FIGEGM00T
EG-M 6	1.00	4.5	54	12	6.0	3	4	FIGEGM02N	FIGEGM02T
EG-M 7	1.00	6.0	54	15	6.0	3	4	FIGEGM05N	FIGEGM05T
EG-M 8	1.25	6.0	54	15	6.0	3	4	FIGEGM06N	FIGEGM06T
EG-MF 8-9-10-11	1.00	8.0	65	20	8.0	3	4	FIGEGM09N	FIGEGM09T
EG-MF 10	1.25	8.0	65	20	8.0	3	4	FIGEGM10N	FIGEGM10T
EG-M 10	1.50	8.0	65	20	8.0	3	4	FIGEGM11N	FIGEGM11T
EG-M 12	1.75	8.0	65	20	8.0	3	4	FIGEGM12N	FIGEGM12T
EG-MF 12	1.00	10.0	80	25	10.0	4	5	FIGEGM14N	FIGEGM14T
EG-MF 12 EG-MF 14	1.25	10.0	80	25	10.0	4	5	FIGEGM15N	FIGEGM15T
EG-MF 12	1.50	10.0	80	25	10.0	4	5	FIGEGM16N	FIGEGM16T
EG-MF 14	1.00	12.0	82	30	12.0	4	5	FIGEGM19N	FIGEGM19T
EG-MF 14 EG-MF 15	1.50	12.0	82	30	12.0	4	5	FIGEGM20N	FIGEGM20T
EG-M 14	2.00	12.0	82	30	12.0	4	5	FIGEGM21N	FIGEGM21T
EG-MF 16	1.50	14.0	100	35	14.0	4	5	FIGEGM24N	FIGEGM24T
EG-M 16	2.00	14.0	100	35	14.0	4	5	FIGEGM25N	FIGEGM25T
EG-MF 18 EG-MF 20	1.50	16.0	100	40	16.0	5	6	FIGEGM29N	FIGEGM29T
EG-MF 18 EG-MF 20	2.00	16.0	100	40	16.0	5	6	FIGEGM30N	FIGEGM30T
EG-M 18-20-22	2.50	16.0	100	40	16.0	5	6	FIGEGM31N	FIGEGM31T
EG-MF 22-24-26-27-28	1.50	20.0	110	40	20.0	5	6	FIGEGM34N	FIGEGM34T
EG-M 22-24 MF 27-30-33-36-39-42-45-48	2.00	20.0	110	40	20.0	5	6	FIGEGM35N	FIGEGM35T
EG-M 22-24 MF 27-30-33-36-39-42-45-48	3.00	20.0	110	40	20.0	5	6	FIGEGM36N	FIGEGM36T
EG-MF 42 EG-MF 36 EG-MF 39	4.00	25.0	155	78	25.0	5	6	FIGEGM38N	FIGEGM38T
EG-MF 30 EG-MF 33	3.50	25.0	155	78	25.0	5	6	FIGEGM40N	FIGEGM40T

R 10° - RR	R 10° - RR	R 9/11° - RR	R 9/11° - RR	R 10° - RR
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Coated LTM ≤45 Hrc ≤60 Hrc
P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6	N2.7-N2.8 S1.1-S2.6 H1.1-H1.3

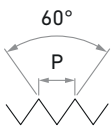
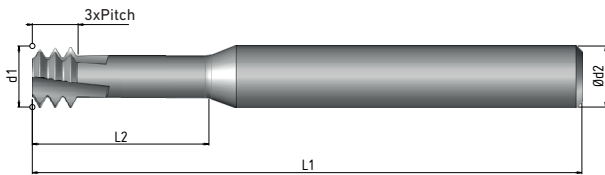
FIGEGM03NF	FIGEGM03F			
FIGEGM00NF	FIGEGM00F			FIGEGM00TX
FIGEGM02NF	FIGEGM02F			FIGEGM02TX
FIGEGM05NF	FIGEGM05F	FIGEGM05NG	FIGEGM05TG	FIGEGM05TX
FIGEGM06NF	FIGEGM06F	FIGEGM06NG	FIGEGM06TG	FIGEGM06TX
FIGEGM09NF	FIGEGM09F	FIGEGM09NG	FIGEGM09TG	FIGEGM09TX
FIGEGM10NF	FIGEGM10F	FIGEGM10NG	FIGEGM10TG	FIGEGM10TX
FIGEGM11NF	FIGEGM11F	FIGEGM11NG	FIGEGM11TG	FIGEGM11TX
FIGEGM12NF	FIGEGM12F	FIGEGM12NG	FIGEGM12TG	FIGEGM12TX
FIGEGM14NF	FIGEGM14F	FIGEGM14NG	FIGEGM14TG	FIGEGM14TX
FIGEGM15NF	FIGEGM15F	FIGEGM15NG	FIGEGM15TG	FIGEGM15TX
FIGEGM16NF	FIGEGM16F	FIGEGM16NG	FIGEGM16TG	FIGEGM16TX
FIGEGM19NF	FIGEGM19F	FIGEGM19NG	FIGEGM19TG	FIGEGM19TX
FIGEGM20NF	FIGEGM20F	FIGEGM20NG	FIGEGM20TG	FIGEGM20TX
FIGEGM21NF	FIGEGM21F	FIGEGM21NG	FIGEGM21TG	FIGEGM21TX
FIGEGM24NF	FIGEGM24F	FIGEGM24NG	FIGEGM24TG	FIGEGM24TX
FIGEGM25NF	FIGEGM25F	FIGEGM25NG	FIGEGM25TG	FIGEGM25TX
FIGEGM29NF	FIGEGM29F	FIGEGM29NG	FIGEGM29TG	FIGEGM29TX
FIGEGM30NF	FIGEGM30F	FIGEGM30NG	FIGEGM30TG	FIGEGM30TX
FIGEGM31NF	FIGEGM31F	FIGEGM31NG	FIGEGM31TG	FIGEGM31TX
FIGEGM34NF	FIGEGM34F	FIGEGM34NG	FIGEGM34TG	FIGEGM34TX
FIGEGM35NF	FIGEGM35F	FIGEGM35NG	FIGEGM35TG	FIGEGM35TX
FIGEGM36NF	FIGEGM36F	FIGEGM36NG	FIGEGM36TG	FIGEGM36TX
FIGEGM38NF	FIGEGM38F	FIGEGM38NG	FIGEGM38TG	FIGEGM38TX
FIGEGM40NF	FIGEGM40F	FIGEGM40NG	FIGEGM40TG	FIGEGM40TX

FIGEGMMIC 2xD

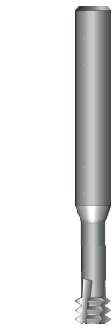
Eg-M

DIN 8140-2

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535 HA
- INTERNO
INTERNAL



R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 3

P1.1-P5.1

K1.1-K4.2

N1.1-N1.5

N2.1-N2.6

N3.1-N4.2-N5.2

S1.1-S1.3



R 10° - RR



Coated TNF
≤45 Hrc

P1.1-P5.1

M1.1-M4.1

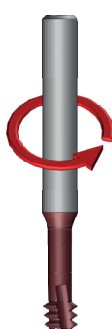
K1.1-K4.2

N1.1-N3.2

N4.3-N5.2

S1.1-S2.6

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	Z type TX		
EG-M 2	0.40	1.55	39	4,5	3.0	3		FIGEGMMIC03N	FIGEGMMIC03T
EG-M 2.5	0.45	1.95	54	5,5	6.0	3		FIGEGMMIC07N	FIGEGMMIC07T
EG-M 3	0.50	2.35	54	6,5	6.0	3	4	FIGEGMMIC09N	FIGEGMMIC09T
EG-M 3.5	0.60	2.75	54	7,5	6.0	3	4	FIGEGMMIC11N	FIGEGMMIC11T
EG-M 4	0,7	3,1	54	9	6	3	4	FIGEGMMIC13N	FIGEGMMIC13T
EG-M 5	0,8	3,8	54	12,5	6	3	4	FIGEGMMIC15N	FIGEGMMIC15T
EG-M 6	1	4,65	54	14	6	3	4	FIGEGMMIC17N	FIGEGMMIC17T
EG-M 8	1,25	5,95	54	18	6	3	4	FIGEGMMIC19N	FIGEGMMIC19T
EG-M 10	1,5	7,8	64	23	8	3	4	FIGEGMMIC21N	FIGEGMMIC21T
EG-M 12	1,75	9	73	26	10	3	4	FIGEGMMIC23N	FIGEGMMIC23T
EG-M 16	2	11,8	80	35	12	4	5	FIGEGMMIC25N	FIGEGMMIC25T
EG-M 20	2,5	15	100	43	16	5	6	FIGEGMMIC27N	FIGEGMMIC27T



L 10° - LR



Coated LTM
≤45 Hrc ≤60 Hrc

N2.7-N2.8

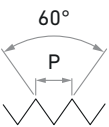
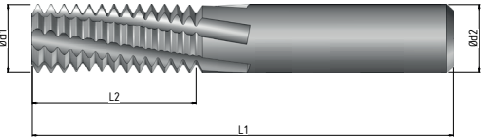
S1.1-S2.6

H1.1-H1.3

- FIGEGMMIC09TX-SX
- FIGEGMMIC11TX-SX
- FIGEGMMIC13TX-SX
- FIGEGMMIC15TX-SX
- FIGEGMMIC17TX-SX
- FIGEGMMIC19TX-SX
- FIGEGMMIC21TX-SX
- FIGEGMMIC23TX-SX
- FIGEGMMIC25TX-SX
- FIGEGMMIC27TX-SX

FIGEGUN 2xD
Eg, UN
ASME B18.29.1 E BS 3409

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

e8

2xD

RH-LH

DIN 6535 HA

INTERNO
INTERNAL

	R 10° - RR	R 10° - RR
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

DATI TECNICI
TECHNICAL DATA

DIVISIONE IRREGOLARE
UNEQUAL INDEX

ELICA VARIABILE
VARIABLE HELIX

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
EG UNC 1/4	20	4,5	54	12	6	3	FIGEGUN01N	FIGEGUN01T
EG UNF 5/16", EG UNF 3/8"	24	5,5	54	15	6	3	FIGEGUN03N	FIGEGUN03T
EG UNC 5/16"	18	5,5	54	15	6	3	FIGEGUN05N	FIGEGUN05T
EG UNC 3/8"	16	7,5	65	20	8	3	FIGEGUN07N	FIGEGUN07T
EG UNF 7/16"	20	8	65	20	8	3	FIGEGUN09N	FIGEGUN09T
EG UNC 7/16"	14	8	65	20	8	3	FIGEGUN11N	FIGEGUN11T
EG UNF 1/2"	20	10	80	25	10	4	FIGEGUN13N	FIGEGUN13T
EG UNC 1/2"	13	10	80	25	10	4	FIGEGUN15N	FIGEGUN15T
EG UNF 9/16"	18	12	82	30	12	4	FIGEGUN17N	FIGEGUN17T
EG UNC 9/16"	12	10	80	25	10	4	FIGEGUN19N	FIGEGUN19T
EG UNF 5/8"	18	10	80	25	10	4	FIGEGUN21N	FIGEGUN21T
EG UNC 5/8"	11	12	82	30	12	4	FIGEGUN23N	FIGEGUN23T
EG UNF 3/4"	16	15,5	100	40	16	5	FIGEGUN25N	FIGEGUN25T
EG UNC 3/4"	10	15,5	100	40	16	5	FIGEGUN27N	FIGEGUN27T
EG UNF 7/8"	14	15,5	100	40	16	5	FIGEGUN29N	FIGEGUN29T
EG UNC 7/8"	9	18	110	40	18	5	FIGEGUN31N	FIGEGUN31T
EG UNF 1" >	12	20	110	40	20	5	FIGEGUN33N	FIGEGUN33T
EG UNC 1" >	8	20	110	40	20	5	FIGEGUN35N	FIGEGUN35T

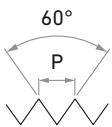
R 10° - RR	R 10° - RR	R 9/11° - RR	R 9/11° - RR
Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6

FIGEGUN01NF	FIGEGUN01F		
FIGEGUN03NF	FIGEGUN03F	FIGEGUN03NG	FIGEGUN03TG
FIGEGUN05NF	FIGEGUN05F	FIGEGUN05NG	FIGEGUN05TG
FIGEGUN07NF	FIGEGUN07F	FIGEGUN07NG	FIGEGUN07TG
FIGEGUN09NF	FIGEGUN09F	FIGEGUN09NG	FIGEGUN09TG
FIGEGUN11NF	FIGEGUN11F	FIGEGUN11NG	FIGEGUN11TG
FIGEGUN13NF	FIGEGUN13F	FIGEGUN13NG	FIGEGUN13TG
FIGEGUN15NF	FIGEGUN15F	FIGEGUN15NG	FIGEGUN15TG
FIGEGUN17NF	FIGEGUN17F	FIGEGUN17NG	FIGEGUN17TG
FIGEGUN19NF	FIGEGUN19F	FIGEGUN19NG	FIGEGUN19TG
FIGEGUN21NF	FIGEGUN21F	FIGEGUN21NG	FIGEGUN21TG
FIGEGUN23NF	FIGEGUN23F	FIGEGUN23NG	FIGEGUN23TG
FIGEGUN25NF	FIGEGUN25F	FIGEGUN25NG	FIGEGUN25TG
FIGEGUN27NF	FIGEGUN27F	FIGEGUN27NG	FIGEGUN27TG
FIGEGUN29NF	FIGEGUN29F	FIGEGUN29NG	FIGEGUN29TG
FIGEGUN31NF	FIGEGUN31F	FIGEGUN31NG	FIGEGUN31TG
FIGEGUN33NF	FIGEGUN33F	FIGEGUN33NG	FIGEGUN33TG
FIGEGUN35NF	FIGEGUN35F	FIGEGUN35NG	FIGEGUN35TG

FIGEGUNMIC 2xD

Eg-UN

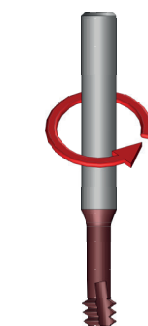
ASME B18.29.1 E BS 3409



- VHM
- e8
- 2xD
- RH-LH
- DIN 6535 HA
- INTERNO
INTERNAL

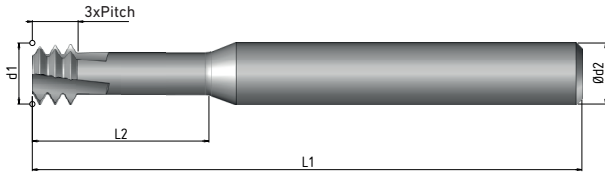


	R 10° - RR	R 10° - RR
TRATTAMENTO SUPERFICIALE SURFACE TREATMENT	Uncoated ≤45 Hrc	Coated TNF ≤45 Hrc
MATERIALI LAVORABILI WORKING MATERIALS page 4D + 3	P1.1-P5.1 K1.1-K4.2 N1.1-N1.5 N2.1-N2.6 N3.1-N4.2-N5.2 S1.1-S1.3	P1.1-P5.1 M1.1-M4.1 K1.1-K4.2 N1.1-N3.2 N4.3-N5.2 S1.1-S2.6



L 10° - LR
Coated LTM ≤45 Hrc ≤60 Hrc
N2.7-N2.8
S1.1-S2.6
H1.1-H1.3

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	Z type TX		
EG UNC No1, EG UNF No2	64	1,4	39	3,8	3	3	4	FIGEGUNMIC01N	FIGEGUNMIC01T
EG UNC No2, EG UNF No3	56	1,65	54	4,4	6	3	4	FIGEGUNMIC03N	FIGEGUNMIC03T
EG UNC No3, EG UNF No4	48	1,9	54	5,2	6	3	4	FIGEGUNMIC05N	FIGEGUNMIC05T
EG UNC No4	40	2,1	54	6,3	6	3	4	FIGEGUNMIC07N	FIGEGUNMIC07T
EG UNC No5, EG UNF No6	40	2,45	54	7	6	3	4	FIGEGUNMIC09N	FIGEGUNMIC09T
EG UNF No8	36	3,3	54	9	6	3	4	FIGEGUNMIC11N	FIGEGUNMIC11T
EG UNC No8	32	3,2	54	9,5	6	3	4	FIGEGUNMIC13N	FIGEGUNMIC13T
EG UNF No10	32	3,7	54	10,5	6	3	4	FIGEGUNMIC15N	FIGEGUNMIC15T
EG UNF 1/4"	28	5	54	14,5	6	3	4	FIGEGUNMIC17N	FIGEGUNMIC17T
EG UNC No10, EG UNC No12	24	3,5	54	9	6	3	4	FIGEGUNMIC19N	FIGEGUNMIC19T
EG UNC 1/4	20	4,75	54	14	6	3	4	FIGEGUNMIC21N	FIGEGUNMIC21T
EG UNC No12, EG UNF 3/8"	24	6,6	64	17	8	3	4	FIGEGUNMIC23N	FIGEGUNMIC23T
EG UNC 5/16"	18	6	54	17	6	3	4	FIGEGUNMIC25N	FIGEGUNMIC25T
EG UNC 3/8"	16	6,7	64	22	8	3	4	FIGEGUNMIC27N	FIGEGUNMIC27T
EG UNF 7/16"	20	8	64	25	8	3	4	FIGEGUNMIC29N	FIGEGUNMIC29T
EG UNC 7/16	14	7,7	64	25	8	3	4	FIGEGUNMIC31N	FIGEGUNMIC31T
EG UNF 1/2"	20	8	64	25	8	3	4	FIGEGUNMIC33N	FIGEGUNMIC33T
EG UNC 1/2"	13	9,2	73	27,5	10	4	5	FIGEGUNMIC35N	FIGEGUNMIC35T
EG UNF 9/16"	18	12	80	35	12	4	5	FIGEGUNMIC37N	FIGEGUNMIC37T
EG UNC 9/16"	12	10,5	80	31,5	12	4	5	FIGEGUNMIC39N	FIGEGUNMIC39T
EG UNF 5/8"	18	12	80	35	12	4	5	FIGEGUNMIC41N	FIGEGUNMIC41T
EG UNC 5/8"	11	11,4	80	34,5	12	4	5	FIGEGUNMIC43N	FIGEGUNMIC43T
EG UNC 3/4"	10	14,4	100	41,5	16	4	5	FIGEGUNMIC45N	FIGEGUNMIC45T

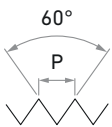
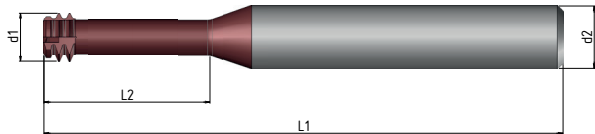
FIGEGUNMIC01TX-SX
FIGEGUNMIC03TX-SX
FIGEGUNMIC05TX-SX
FIGEGUNMIC07TX-SX
FIGEGUNMIC09TX-SX
FIGEGUNMIC11TX-SX
FIGEGUNMIC13TX-SX
FIGEGUNMIC15TX-SX
FIGEGUNMIC17TX-SX
FIGEGUNMIC19TX-SX
FIGEGUNMIC21TX-SX
FIGEGUNMIC23TX-SX
FIGEGUNMIC25TX-SX
FIGEGUNMIC27TX-SX
FIGEGUNMIC29TX-SX
FIGEGUNMIC31TX-SX
FIGEGUNMIC33TX-SX
FIGEGUNMIC35TX-SX
FIGEGUNMIC37TX-SX
FIGEGUNMIC39TX-SX
FIGEGUNMIC41TX-SX
FIGEGUNMIC43TX-SX
FIGEGUNMIC45TX-SX

FIGMETMICFOR 2xD

M, MF

DIN13

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



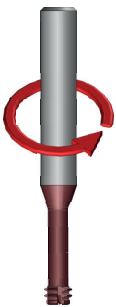
VHM

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11



P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

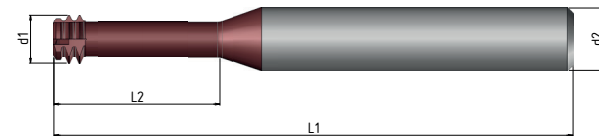
S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	
M 4	0.70	3.1	50	7.0	6.0	4	FIGMETMICFOR01T
M 5	0.80	3.8	50	8.5	6.0	4	FIGMETMICFOR03T
M 6	1.00	4.6	50	10.0	6.0	4	FIGMETMICFOR05T
MF 8	1.00	6.2	70	15.0	8.0	4	FIGMETMICFOR07T
M 8	1.25	6.2	70	15.0	8.0	4	FIGMETMICFOR09T
MF 10	1.00	7.5	70	20.0	8.0	4	FIGMETMICFOR11T
MF 10	1.25	7.5	70	20.0	8.0	4	FIGMETMICFOR13T
M 10	1.50	7.5	70	20.0	8.0	4	FIGMETMICFOR15T
MF 12	1.00	9.0	80	25.0	10.0	4	FIGMETMICFOR17T
MF 12	1.25	9.0	80	25.0	10.0	4	FIGMETMICFOR19T
MF 12	1.50	9.0	80	25.0	10.0	4	FIGMETMICFOR21T
M 12	1.75	9.0	80	25.0	10.0	4	FIGMETMICFOR23T
MF 16	1.50	11.5	100	30.0	12.0	4	FIGMETMICFOR25T
M 16	2.00	11.5	100	30.0	12.0	4	FIGMETMICFOR27T
MF 18	1.50	14.0	135	40.0	14.0	4	FIGMETMICFOR29T
M 18	2.50	14.0	135	40.0	14.0	4	FIGMETMICFOR31T
MF 20	1.50	15.0	135	45.0	16.0	4	FIGMETMICFOR33T
M 20	2.50	15.0	135	45.0	16.0	4	FIGMETMICFOR35T

**ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST**



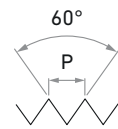
Fileto - Thread	Pitch mm	d1	L1	L2	d2	Z	FIGMETMICFOR50T	FIGMETMICFOR50F
M 4	0.70	3.1	50	10.0	6.0	4	FIGMETMICFOR50T	FIGMETMICFOR50F
M 5	0.80	3.8	50	12.5	6.0	4	FIGMETMICFOR52T	FIGMETMICFOR52F
M 6	1.00	4.6	50	15.0	6.0	4	FIGMETMICFOR54T	FIGMETMICFOR54F
MF 8	1.00	6.2	70	20.0	8.0	4	FIGMETMICFOR56T	FIGMETMICFOR56F
M 8	1.25	6.2	70	20.0	8.0	4	FIGMETMICFOR58T	FIGMETMICFOR58F
MF 10	1.00	7.5	70	25.0	8.0	4	FIGMETMICFOR60T	FIGMETMICFOR60F
MF 10	1.25	7.5	70	25.0	8.0	4	FIGMETMICFOR62T	FIGMETMICFOR62F
M 10	1.50	7.5	70	25.0	8.0	4	FIGMETMICFOR64T	FIGMETMICFOR64F
MF 12	1.00	9.0	80	30.0	10.0	4	FIGMETMICFOR66T	FIGMETMICFOR66F
MF 12	1.25	9.0	80	30.0	10.0	4	FIGMETMICFOR68T	FIGMETMICFOR68F
MF 12	1.50	9.0	80	30.0	10.0	4	FIGMETMICFOR70T	FIGMETMICFOR70F
M 12	1.75	9.0	80	30.0	10.0	4	FIGMETMICFOR72T	FIGMETMICFOR72F
MF 16	1.50	11.5	100	40.0	12.0	4	FIGMETMICFOR74T	FIGMETMICFOR74F
M 16	2.00	11.5	100	40.0	12.0	4	FIGMETMICFOR76T	FIGMETMICFOR76F
MF 18	1.50	14.0	135	45.0	14.0	4	FIGMETMICFOR78T	FIGMETMICFOR78F
M 18	2.50	14.0	135	45.0	14.0	4	FIGMETMICFOR80T	FIGMETMICFOR80F
MF 20	1.50	15.0	135	50.0	16.0	4	FIGMETMICFOR82T	FIGMETMICFOR82F
M 20	2.50	15.0	135	50.0	16.0	4	FIGMETMICFOR84T	FIGMETMICFOR84F

FIGMETMICFOR 3xD

M, MF

DIN13

**ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST**



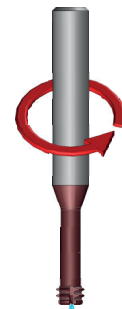
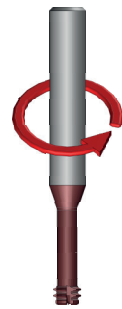
VHM

3xD

RH-LH

DIN 6535
HA

**INTERNO
INTERNAL**



L 0° - LR



L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11

P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

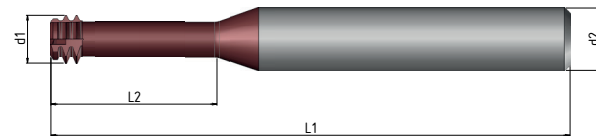
N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

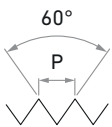
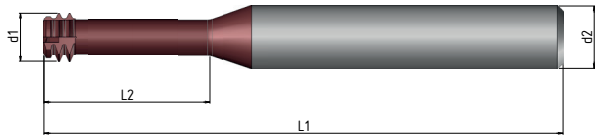


Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	FILETTO	FILETTO
M 4	0.70	3.1	50	12.2	6.0	4	FIGMETMICFOR100T	
M 5	0.80	3.8	50	15.25	6.0	4	FIGMETMICFOR102T	
M 6	1.00	4.6	50	18.3	6.0	4	FIGMETMICFOR104T	
MF 8	1.00	6.2	70	24.4	8.0	4	FIGMETMICFOR106T	FIGMETMICFOR106F
M 8	1.25	6.2	70	24.4	8.0	4	FIGMETMICFOR108T	FIGMETMICFOR108F
MF 10	1.00	7.5	70	30.5	8.0	4	FIGMETMICFOR110T	FIGMETMICFOR110F
MF 10	1.25	7.5	70	30.5	8.0	4	FIGMETMICFOR112T	FIGMETMICFOR112F
M 10	1.50	7.5	70	30.5	8.0	4	FIGMETMICFOR114T	FIGMETMICFOR114F
MF 12	1.00	9.0	80	36.6	10.0	4	FIGMETMICFOR116T	FIGMETMICFOR116F
MF 12	1.25	9.0	80	36.6	10.0	4	FIGMETMICFOR118T	FIGMETMICFOR118F
MF 12	1.50	9.0	80	36.6	10.0	4	FIGMETMICFOR120T	FIGMETMICFOR120F
M 12	1.75	9.0	80	36.6	10.0	4	FIGMETMICFOR122T	FIGMETMICFOR122F
MF 16	1.50	11.5	100	48.8	12.0	4	FIGMETMICFOR124T	FIGMETMICFOR124F
M 16	2.00	11.5	100	48.8	12.0	4	FIGMETMICFOR126T	FIGMETMICFOR126F
MF 18	1.50	14.0	135	54.9	14.0	4	FIGMETMICFOR128T	FIGMETMICFOR128F
M 18	2.50	14.0	135	54.9	14.0	4	FIGMETMICFOR130T	FIGMETMICFOR130F
MF 20	1.50	15.0	135	61	16.0	4	FIGMETMICFOR132T	FIGMETMICFOR132F
M 20	2.50	15.0	135	61	16.0	4	FIGMETMICFOR134T	FIGMETMICFOR134F

FIGUNMICFOR 2xD
UNC, UNF

ASME B1.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



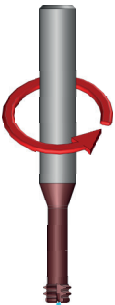
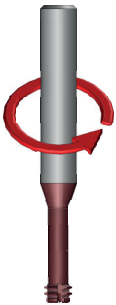
VHM

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR



L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11



P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

S1.1-S1.3

H1.1-H1.5

P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

S1.1-S1.3

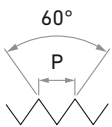
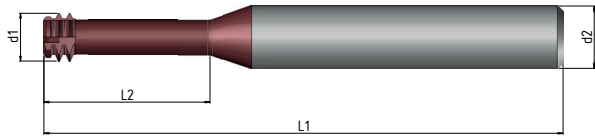
H1.1-H1.5

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4" UNC	40	2.1	50	5.8	6.0	4	FIGUNMICFOR01T
Nr. 6" UNC	32	2.55	50	7.2	6.0	4	FIGUNMICFOR03T
Nr. 8" UNC	32	3.2	50	8.55	6.0	4	FIGUNMICFOR05T
Nr. 8" UNF	36	3.3	50	8.3	6.0	4	FIGUNMICFOR07T
Nr. 10" UNC	24	3.5	70	9.7	6.0	4	FIGUNMICFOR09T
Nr. 10" UNF	32	3.7	70	9.9	6.0	4	FIGUNMICFOR11T
Nr. 12" UNF	28	4.2	70	11.25	6.0	4	FIGUNMICFOR13T
1/4" UNC	20	4.8	70	12.7	6.0	4	FIGUNMICFOR15T
1/4" UNF	28	5.0	70	12.7	6.0	4	FIGUNMICFOR17T
5/16" UNC	18	6.0	80	15.9	6.0	4	FIGUNMICFOR19T
5/16" UNF	24	6.0	80	15.9	6.0	4	FIGUNMICFOR21T
3/8" UNC	16	6.7	80	19.1	8.0	4	FIGUNMICFOR23T
7/16" UNC	14	7.7	80	22.2	8.0	4	FIGUNMICFOR25T
1/2" UNC	13	9.2	80	25.4	10.0	4	FIGUNMICFOR27T
9/16" UNC	12	10.5	100	28.6	12.0	4	FIGUNMICFOR29T
5/8" UNC	11	11.4	100	31.8	12.0	4	FIGUNMICFOR31T
3/4" UNF	16	12.0	100	39.05	12.0	4	FIGUNMICFOR33T

FIGUNMICFOR 2,5xD
UNC, UNF

ASME B1.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



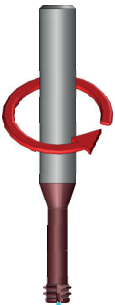
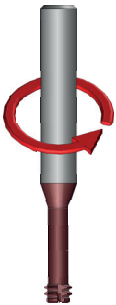
VHM

2.5xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11



P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

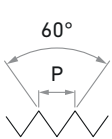
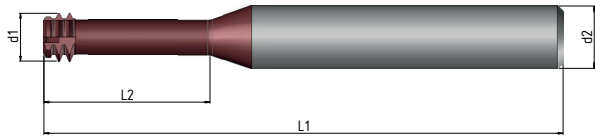
H1.1-H1.5

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4" UNC	40	2.1	50	7.25	6.0	4	FIGUNMICFOR51T
Nr. 6" UNC	32	2.55	50	8.95	6.0	4	FIGUNMICFOR53T
Nr. 8" UNC	32	3.2	50	10.63	6.0	4	FIGUNMICFOR55T
Nr. 8" UNF	36	3.3	50	10.4	6.0	4	FIGUNMICFOR57T
Nr. 10" UNC	24	3.5	70	12.1	6.0	4	FIGUNMICFOR59T
Nr. 10" UNF	32	3.7	70	12.3	6.0	4	FIGUNMICFOR61T
Nr. 12" UNF	28	4.2	70	14	6.0	4	FIGUNMICFOR63T
1/4" UNC	20	4.8	70	15.9	6.0	4	FIGUNMICFOR65T
1/4" UNF	28	5.0	70	15.9	6.0	4	FIGUNMICFOR67T
5/16" UNC	18	6.0	80	19.8	6.0	4	FIGUNMICFOR69T
5/16" UNF	24	6.0	80	19.8	6.0	4	FIGUNMICFOR71T
3/8" UNC	16	6.7	80	23.8	8.0	4	FIGUNMICFOR73T
7/16" UNC	14	7.7	80	27.8	8.0	4	FIGUNMICFOR75T
1/2" UNC	13	9.2	80	31.8	10.0	4	FIGUNMICFOR77T
9/16" UNC	12	10.5	100	35.7	12.0	4	FIGUNMICFOR79T
5/8" UNC	11	11.4	100	39.7	12.0	4	FIGUNMICFOR81T
3/4" UNF	16	12.0	100	48.6	12.0	4	FIGUNMICFOR83T

FIGUNMICFOR 3xD
UNC, UNF

ASME B1.1

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



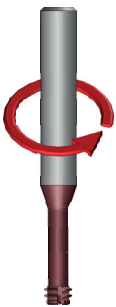
VHM

3xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11



P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

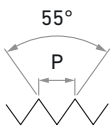
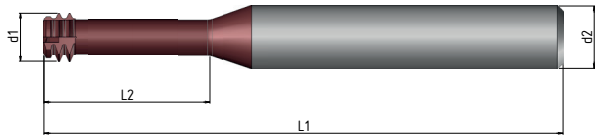
Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4" UNC	40	2.1	50	8.7	6.0	4	FIGUNMICFOR100T
Nr. 6" UNC	32	2.55	50	10.7	6.0	4	FIGUNMICFOR102T
Nr. 8" UNC	32	3.2	50	12.7	6.0	4	FIGUNMICFOR104T
Nr. 8" UNF	36	3.3	50	12.7	6.0	4	FIGUNMICFOR106T
Nr. 10" UNC	24	3.5	70	14.7	6.0	4	FIGUNMICFOR108T
Nr. 10" UNF	32	3.7	70	14.7	6.0	4	FIGUNMICFOR110T
Nr. 12" UNF	28	4.2	70	16.75	6.0	4	FIGUNMICFOR112T
1/4" UNC	20	4.8	70	19.4	6.0	4	FIGUNMICFOR114T
1/4" UNF	28	5.0	70	19.4	6.0	4	FIGUNMICFOR116T
5/16" UNC	18	6.0	80	24.2	6.0	4	FIGUNMICFOR118T
5/16" UNF	24	6.0	80	24.2	6.0	4	FIGUNMICFOR120T
3/8" UNC	16	6.7	80	29.05	8.0	4	FIGUNMICFOR122T
7/16" UNC	14	7.7	80	33.9	8.0	4	FIGUNMICFOR124T
1/2" UNC	13	9.2	80	38.75	10.0	4	FIGUNMICFOR126T
9/16" UNC	12	10.5	100	43.6	12.0	4	FIGUNMICFOR128T
5/8" UNC	11	11.4	100	48.45	12.0	4	FIGUNMICFOR130T
3/4" UNF	16	12.0	100	58.1	12.0	4	FIGUNMICFOR132T

FIGGAWMICFOR 2xD

G

DIN EN ISO 228

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



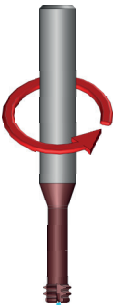
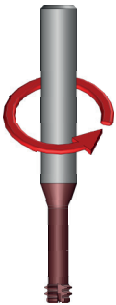
VHM

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

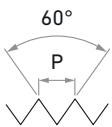
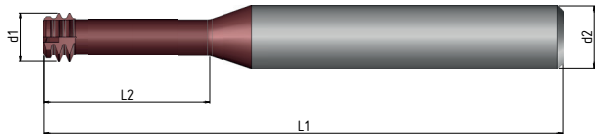
H1.1-H1.5

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
1/8"	28	8.0	70	16.0	8.0	4	FIGGAWMICFOR01T	FIGGAWMICFOR01F
1/4"	19	10.0	80	20.0	10.0	4	FIGGAWMICFOR03T	FIGGAWMICFOR03F
3/8"	19	14.0	135	28.0	14.0	4	FIGGAWMICFOR05T	FIGGAWMICFOR05F
1/2"	14	16.0	135	32.0	16.0	4	FIGGAWMICFOR07T	FIGGAWMICFOR07F
5/8"	14	18.0	135	36.0	18.0	4	FIGGAWMICFOR09T	FIGGAWMICFOR09F
3/4"	14	20.0	135	40.0	20.0	4	FIGGAWMICFOR11T	FIGGAWMICFOR11F
7/8"	14	23.0	150	50.0	25.0	4	FIGGAWMICFOR13T	FIGGAWMICFOR13F
1"	11	25.0	150	50.0	25.0	4	FIGGAWMICFOR15T	FIGGAWMICFOR15F

FIGEGUMICFOR 2xD
EG-UNC, EG-UNF

DIN 8140-2

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR



L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11



P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

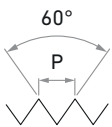
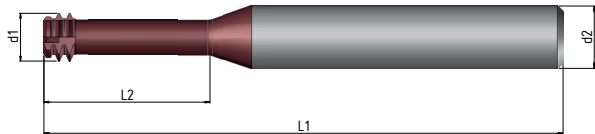
H1.1-H1.5

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4 EG-UNC	40	2.1	50	5.8	6.0	4	FIGEGUMICFOR01T
Nr. 6 EG-UNC	32	2.55	50	7.2	6.0	4	FIGEGUMICFOR03T
Nr. 8 EG-UNC	32	3.2	50	8.65	6.0	4	FIGEGUMICFOR05T
Nr. 10 EG-UNC	24	3.50	70	9.7	6.0	4	FIGEGUMICFOR09T
Nr. 10 EG-UNF	32	3.7	70	9.9	6.0	4	FIGEGUMICFOR11T
1/4" EG-UNC	20	4.8	70	12.7	6.0	4	FIGEGUMICFOR15T
1/4" EG-UNF	28	5.0	70	12.7	6.0	4	FIGEGUMICFOR17T
5/16" EG-UNC	18	6.0	80	15.9	6.0	4	FIGEGUMICFOR19T
5/16" EG-UNF	24	6.0	80	15.9	6.0	4	FIGEGUMICFOR21T
3/8" EG-UNF	24	6.6	80	19.5	8.0	4	FIGEGUMICFOR22T FIGEGUMICFOR22F
7/16" EG-UNC	14	7.70	80	22.2	8.0	4	FIGEGUMICFOR25T FIGEGUMICFOR25F

FIGEGUMICFOR 3xD
EG-UNC, EG-UNF

DIN 8140-2

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

3xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11



P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

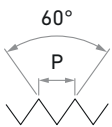
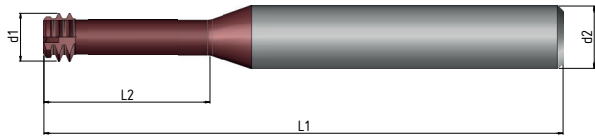
Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4 EG-UNC	40	2.1	50	8.7	6.0	4	FIGEGUMICFOR100T
Nr. 6 EG-UNC	32	2.55	50	10.5	6.0	4	FIGEGUMICFOR102T
Nr. 8 EG-UNC	32	3.2	50	12.6	6.0	4	FIGEGUMICFOR104T
Nr. 10 EG-UNC	24	3.50	70	15	6.0	4	FIGEGUMICFOR108T
Nr. 10 EG-UNF	32	3.7	70	14.7	6.0	4	FIGEGUMICFOR110T
1/4" EG-UNC	20	4.8	70	19	6.0	4	FIGEGUMICFOR114T
1/4" EG-UNF	28	5.0	70	15	6.0	4	FIGEGUMICFOR116T
5/16" EG-UNC	18	6.0	80	24	6.0	4	FIGEGUMICFOR118T
5/16" EG-UNF	24	6.0	80	24	6.0	4	FIGEGUMICFOR120T
3/8" EG-UNF	24	6.6	80	29.05	8.0	4	FIGEGUMICFOR122T FIGEGUMICFOR122F
7/16" EG-UNC	14	7.70	80	33.5	8.0	4	FIGEGUMICFOR124T FIGEGUMICFOR124F

FIGEGMMICFOR 2XD

EG-M

DIN 40435

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



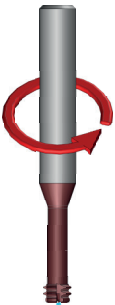
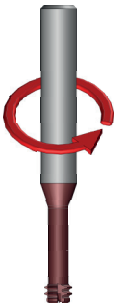
VHM

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

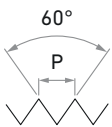
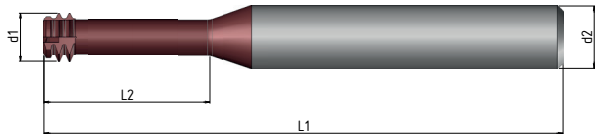
Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	
EG-M 4	0.7	3.1	50	7.0	6.0	4	FIGEGMMICFOR01T
EG-M 5	0.8	3.8	50	8.5	6.0	4	FIGEGMMICFOR03T
EG-M 6	1.00	4.6	50	10.0	6.0	4	FIGEGMMICFOR05T
EG-M 8	1.25	6.2	70	15.0	8.0	4	FIGEGMMICFOR09T FIGEGMMICFOR09F
EG-M 10	1.50	7.5	70	20.0	8.0	4	FIGEGMMICFOR15T FIGEGMMICFOR15F
EG-M 12	1.75	9.0	80	25.0	10.0	4	FIGEGMMICFOR23T FIGEGMMICFOR23F
EG-M 16	2.00	11.5	100	30.0	12.0	4	FIGEGMMICFOR27T FIGEGMMICFOR27F
EG-M 18	2.50	14.0	135	40.0	14.0	4	FIGEGMMICFOR31T FIGEGMMICFOR31F
EG-M 20	2.50	15.0	135	45.0	16.0	4	FIGEGMMICFOR35T FIGEGMMICFOR35F

FIGEGMMICFOR 2.5xD

EG-M

DIN 40435

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



VHM

2.5xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

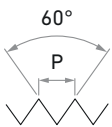
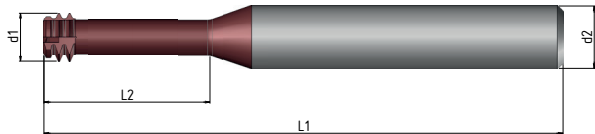
Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	
EG-M 4	0.7	3.1	50	10.0	6.0	4	FIGEGMMICFOR50T
EG-M 5	0.8	3.8	50	12.5	6.0	4	FIGEGMMICFOR52T
EG-M 6	1.00	4.6	50	15.0	6.0	4	FIGEGMMICFOR54T
EG-M 8	1.25	6.2	70	20.0	8.0	4	FIGEGMMICFOR58T FIGEGMMICFOR58F
EG-M 10	1.50	7.5	70	25.0	8.0	4	FIGEGMMICFOR64T FIGEGMMICFOR64F
EG-M 12	1.75	9.0	80	30.0	10.0	4	FIGEGMMICFOR72T FIGEGMMICFOR72F
EG-M 16	2.00	11.5	100	40.0	12.0	4	FIGEGMMICFOR76T FIGEGMMICFOR76F
EG-M 18	2.50	14.0	135	45.0	14.0	4	FIGEGMMICFOR80T FIGEGMMICFOR80F
EG-M 20	2.50	15.0	135	50.0	16.0	4	FIGEGMMICFOR84T FIGEGMMICFOR84F

FIGEGMMICFOR 3xD

EG-M

DIN 40435

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



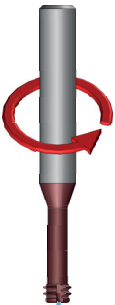
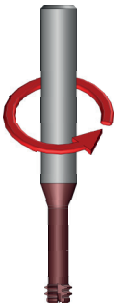
VHM

3xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

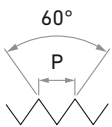
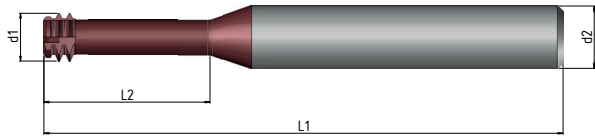
Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	
EG-M 4	0.7	3.1	50	12.2	6.0	4	FIGEGMMICFOR100T
EG-M 5	0.8	3.8	50	15.25	6.0	4	FIGEGMMICFOR102T
EG-M 6	1.00	4.6	50	18.3	6.0	4	FIGEGMMICFOR104T
EG-M 8	1.25	6.2	70	24.4	8.0	4	FIGEGMMICFOR108T FIGEGMMICFOR108F
EG-M 10	1.50	7.5	70	30.5	8.0	4	FIGEGMMICFOR114T FIGEGMMICFOR114F
EG-M 12	1.75	9.0	80	36.6	10.0	4	FIGEGMMICFOR122T FIGEGMMICFOR122F
EG-M 16	2.00	11.5	100	48.8	12.0	4	FIGEGMMICFOR126T FIGEGMMICFOR126F
EG-M 18	2.50	14.0	135	54.9	14.0	4	FIGEGMMICFOR130T FIGEGMMICFOR130F
EG-M 20	2.50	15.0	135	61.0	16.0	4	FIGEGMMICFOR134T FIGEGMMICFOR134F

FIGUNJMICFOR 2xD

UNJC, UNJF

ASME B1.15

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



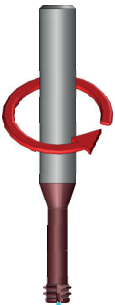
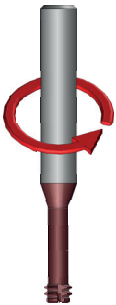
VHM

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR



L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

S1.1-S1.3

H1.1-H1.5

P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

S1.1-S1.3

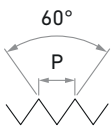
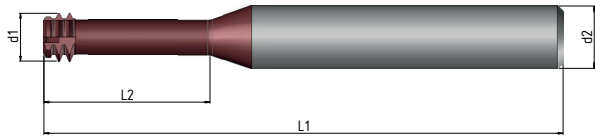
H1.1-H1.5

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4 UNJC	40	2.10	50	5.8	6.0	4	FIGUNJMICFOR01T
Nr. 6 UNJC	32	2.55	50	7.2	6.0	4	FIGUNJMICFOR03T
Nr. 8 UNJC	32	3.2	50	8.55	6.0	4	FIGUNJMICFOR05T
Nr. 8 UNJF	36	3.3	50	8.3	6.0	4	FIGUNJMICFOR07T
Nr. 10 UNJC	24	3.5	70	9.7	6.0	4	FIGUNJMICFOR09T
Nr. 10 UNJF	32	3.7	70	9.9	6.0	4	FIGUNJMICFOR11T
Nr. 12 UNJF	28	4.2	70	11.25	6.0	4	FIGUNJMICFOR13T
1/4" UNJC	20	4.8	70	12.7	6.0	4	FIGUNJMICFOR15T
1/4" UNJF	28	5.0	70	12.7	6.0	4	FIGUNJMICFOR17T
5/16" UNJC	18	6.0	80	15.9	6.0	4	FIGUNJMICFOR19T
5/16" UNJF	24	6.0	80	15.9	6.0	4	FIGUNJMICFOR21T
3/8" UNJC	16	6.7	80	19.1	8.0	4	FIGUNJMICFOR23T
7/16" UNJC	14	7.7	80	22.2	8.0	4	FIGUNJMICFOR25T
1/2" UNJC	13	9.2	80	25.4	10.0	4	FIGUNJMICFOR27T
9/16" UNJC	12	10.5	100	28.6	12.0	4	FIGUNJMICFOR29T
5/8" UNJC	11	11.4	100	31.8	12.0	4	FIGUNJMICFOR31T
3/4" UNJF	16	12.0	100	39.05	12.0	4	FIGUNJMICFOR33T

FIGUNJMICFOR 2,5xD
UNJC, UNJF

ASME B1.15

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



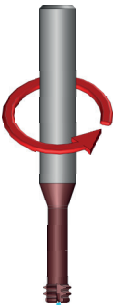
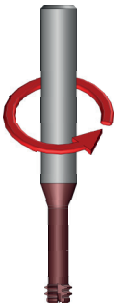
VHM

2.5xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR



L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
page 4D • 11



P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

S1.1-S1.3

H1.1-H1.5

P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

S1.1-S1.3

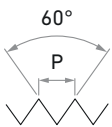
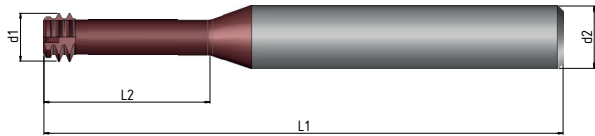
H1.1-H1.5

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4 UNJC	40	2.10	50	7.25	6.0	4	FIGUNJMICFOR51T
Nr. 6 UNJC	32	2.55	50	8.95	6.0	4	FIGUNJMICFOR53T
Nr. 8 UNJC	32	3.2	50	10.63	6.0	4	FIGUNJMICFOR55T
Nr. 8 UNJF	36	3.3	50	10.4	6.0	4	FIGUNJMICFOR57T
Nr. 10 UNJC	24	3.5	70	12.1	6.0	4	FIGUNJMICFOR59T
Nr. 10 UNJF	32	3.7	70	12.3	6.0	4	FIGUNJMICFOR61T
Nr. 12 UNJF	28	4.2	70	14	6.0	4	FIGUNJMICFOR63T
1/4" UNJC	20	4.8	70	15.9	6.0	4	FIGUNJMICFOR65T
1/4" UNJF	28	5.0	70	15.9	6.0	4	FIGUNJMICFOR67T
5/16" UNJC	18	6.0	80	19.8	6.0	4	FIGUNJMICFOR69T
5/16" UNJF	24	6.0	80	19.8	6.0	4	FIGUNJMICFOR71T
3/8" UNJC	16	6.7	80	23.8	8.0	4	FIGUNJMICFOR73T
7/16" UNJC	14	7.7	80	27.8	8.0	4	FIGUNJMICFOR75T
1/2" UNJC	13	9.2	80	31.8	10.0	4	FIGUNJMICFOR77T
9/16" UNJC	12	10.5	100	35.7	12.0	4	FIGUNJMICFOR79T
5/8" UNJC	11	11.4	100	39.7	12.0	4	FIGUNJMICFOR81T
3/4" UNJF	16	12.0	100	48.6	12.0	4	FIGUNJMICFOR83T

FIGUNJMICFOR 3xD
UNJC, UNJF

ASME B1.15

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



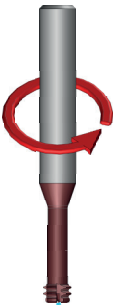
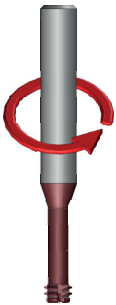
VHM

3xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

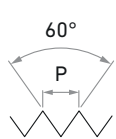
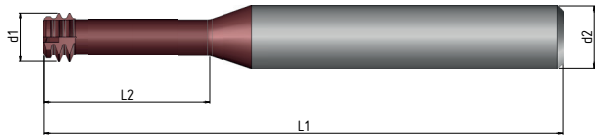
Filetto - Thread	(TPI)	d1	L1	L2	d2	Z	
Nr. 4 UNJC	40	2.10	50	8.7	6.0	4	FIGUNJMICFOR100T
Nr. 6 UNJC	32	2.55	50	10.7	6.0	4	FIGUNJMICFOR102T
Nr. 8 UNJC	32	3.2	50	12.7	6.0	4	FIGUNJMICFOR104T
Nr. 8 UNJF	36	3.3	50	12.7	6.0	4	FIGUNJMICFOR106T
Nr. 10 UNJC	24	3.5	70	14.7	6.0	4	FIGUNJMICFOR108T
Nr. 10 UNJF	32	3.7	70	14.7	6.0	4	FIGUNJMICFOR110T
Nr. 12 UNJF	28	4.2	70	16.75	6.0	4	FIGUNJMICFOR112T
1/4" UNJC	20	4.8	70	19.4	6.0	4	FIGUNJMICFOR114T
1/4" UNJF	28	5.0	70	19.4	6.0	4	FIGUNJMICFOR116T
5/16" UNJC	18	6.0	80	24.2	6.0	4	FIGUNJMICFOR118T
5/16" UNJF	24	6.0	80	24.2	6.0	4	FIGUNJMICFOR120T
3/8" UNJC	16	6.7	80	29.05	8.0	4	FIGUNJMICFOR122T
7/16" UNJC	14	7.7	80	33.9	8.0	4	FIGUNJMICFOR124T
1/2" UNJC	13	9.2	80	38.75	10.0	4	FIGUNJMICFOR126T
9/16" UNJC	12	10.5	100	43.6	12.0	4	FIGUNJMICFOR128T
5/8" UNJC	11	11.4	100	48.45	12.0	4	FIGUNJMICFOR130T
3/4" UNJF	16	12.0	100	58.1	12.0	4	FIGUNJMICFOR132T

FIGMJMICFOR 2xD

MJ

DIN ISO 5855

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



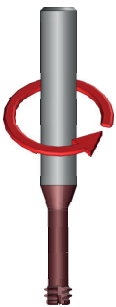
VHM

2xD

RH-LH

DIN 6535
HA

INTERNO
INTERNAL



L 0° - LR

L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

P1.1-P5.1

M1.1-M2.1

M1.1-M2.1

K1.1-K4.2

K1.1-K4.2

N1.1-N5.3

N1.1-N5.3

S1.1-S1.3

S1.1-S1.3

H1.1-H1.5

H1.1-H1.5

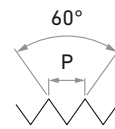
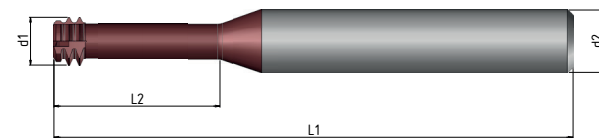
Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	
MJ 4	0.70	3.1	50	7.0	6.0	4	FIGMJMICFOR01T
MJ 5	0.80	3.8	50	8.5	6.0	4	FIGMJMICFOR03T
MJ 6	1.00	4.6	50	10.0	6.0	4	FIGMJMICFOR05T
MJ 8	1.00	6.2	70	15.0	8.0	4	FIGMJMICFOR07T
MJ 8	1.25	6.2	70	15.0	8.0	4	FIGMJMICFOR09T
MJ 10	1.00	7.5	70	20.0	8.0	4	FIGMJMICFOR11T
MJ 10	1.25	7.5	70	20.0	8.0	4	FIGMJMICFOR13T
MJ 10	1.50	7.5	70	20.0	8.0	4	FIGMJMICFOR15T
MJ 12	1.00	9.0	80	25.0	10.0	4	FIGMJMICFOR17T
MJ 12	1.25	9.0	80	25.0	10.0	4	FIGMJMICFOR19T
MJ 12	1.50	9.0	80	25.0	10.0	4	FIGMJMICFOR21T
MJ 12	1.75	9.0	80	25.0	10.0	4	FIGMJMICFOR23T
MJ 16	1.50	11.5	100	30.0	12.0	4	FIGMJMICFOR25T
MJ 16	2.00	11.5	100	30.0	12.0	4	FIGMJMICFOR27T
MJ 18	1.50	14.0	135	40.0	14.0	4	FIGMJMICFOR29T
MJ 18	2.50	14.0	135	40.0	14.0	4	FIGMJMICFOR31T
MJ 20	1.50	15.0	135	45.0	16.0	4	FIGMJMICFOR33T
MJ 20	2.50	15.0	135	45.0	16.0	4	FIGMJMICFOR35T

FIGMJMICFOR 3xD

MJ

DIN ISO 5855

**ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST**



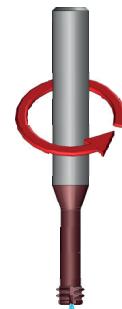
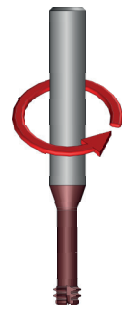
VHM

3xD

RH-LH

DIN 6535
HA

**INTERNO
INTERNAL**



L 0° - LR



L 0° - LR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Coated XFS
≤45 Hrc ≤66 Hrc

Coated XFS
≤45 Hrc ≤66 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

S1.1-S1.3

H1.1-H1.5

P1.1-P5.1

M1.1-M2.1

K1.1-K4.2

N1.1-N5.3

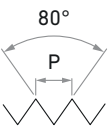
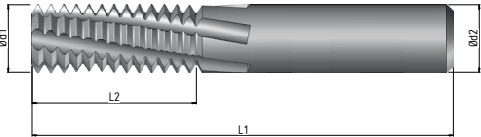
S1.1-S1.3

H1.1-H1.5

Filetto - Thread	Pitch mm	d1	L1	L2	d2	Z	FIGMJMCFOR100T	FIGMJMCFOR100F
MJ 4	0.70	3.1	50	12.2	6.0	4	FIGMJMCFOR100T	
MJ 5	0.80	3.8	50	15.25	6.0	4	FIGMJMCFOR102T	
MJ 6	1.00	4.6	50	18.3	6.0	4	FIGMJMCFOR104T	
MJ 8	1.00	6.2	70	24.4	8.0	4	FIGMJMCFOR106T	FIGMJMCFOR106F
MJ 8	1.25	6.2	70	24.4	8.0	4	FIGMJMCFOR108T	FIGMJMCFOR108F
MJ 10	1.00	7.5	70	30.5	8.0	4	FIGMJMCFOR110T	FIGMJMCFOR110F
MJ 10	1.25	7.5	70	30.5	8.0	4	FIGMJMCFOR112T	FIGMJMCFOR112F
MJ 10	1.50	7.5	70	30.5	8.0	4	FIGMJMCFOR114T	FIGMJMCFOR114F
MJ 12	1.00	9.0	80	36.6	10.0	4	FIGMJMCFOR116T	FIGMJMCFOR116F
MJ 12	1.25	9.0	80	36.6	10.0	4	FIGMJMCFOR118T	FIGMJMCFOR118F
MJ 12	1.50	9.0	80	36.6	10.0	4	FIGMJMCFOR120T	FIGMJMCFOR120F
MJ 12	1.75	9.0	80	36.6	10.0	4	FIGMJMCFOR122T	FIGMJMCFOR122F
MJ 16	1.50	11.5	100	48.8	12.0	4	FIGMJMCFOR124T	FIGMJMCFOR124F
MJ 16	2.00	11.5	100	48.8	12.0	4	FIGMJMCFOR126T	FIGMJMCFOR126F
MJ 18	1.50	14.0	135	54.9	14.0	4	FIGMJMCFOR128T	FIGMJMCFOR128F
MJ 18	2.50	14.0	135	54.9	14.0	4	FIGMJMCFOR130T	FIGMJMCFOR130F
MJ 20	1.50	15.0	135	61	16.0	4	FIGMJMCFOR132T	FIGMJMCFOR132F
MJ 20	2.50	15.0	135	61	16.0	4	FIGMJMCFOR134T	FIGMJMCFOR134F

FIGPG 2xD
Pg
DIN 4030

ESECUZIONI SPECIALI A DISEGNO
CUSTOMIZED DESIGN ON REQUEST



- VHM
- e8
- 2xD
- LH
- DIN 6535
HA
- INTERNO
INTERNAL
- ESTERNO
EXTERNAL



R 10° - RR

R 10° - RR



TRATTAMENTO SUPERFICIALE
SURFACE TREATMENT

Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

MATERIALI LAVORABILI
WORKING MATERIALS
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P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

Filetto - Thread	(TPI)	d1	L1	L2	d2	Z		
PG 7	20	8.0	65	20	8.0	3	FIGPG01N	FIGPG01T
PG 9-11-13.5-16	18	10.0	80	25	10.0	4	FIGPG03N	FIGPG03T
PG 21-29-36-42-48	16	12.0	82	30	12.0	4	FIGPG05N	FIGPG05T



R 10° - RR

R 10° - RR



Uncoated
≤45 Hrc

Coated TNF
≤45 Hrc

P1.1-P5.1

P1.1-P5.1

K1.1-K4.2

M1.1-M4.1

N1.1-N1.5

K1.1-K4.2

N2.1-N2.6

N1.1-N3.2

N3.1-N4.2-N5.2

N4.3-N5.2

S1.1-S1.3

S1.1-S2.6

FIGPG01NF	FIGPG01F
FIGPG03NF	FIGPG03F
FIGPG05NF	FIGPG05F

PREFORI
PRE-HOLES

M

Filettatura metrica ISO a
passo grosso
Coarse metric ISO thread

d1	Pitch	Preforo
M1	0,25	0,75
M1,1	0,25	0,85
M1,2	0,25	0,95
M1,4	0,3	1,1
M1,6	0,35	1,25
M(1,7)	0,35	1,3
M1,8	0,35	1,45
M2	0,4	1,9
M2,2	0,45	1,75
M(2,3)	0,4	1,9
M2,5	0,45	2,05
M(2,6)	0,45	2,1
M3	0,5	2,5
M3,5	0,6	2,9
M4	0,7	3,3
M4,5	0,75	3,7
M5	0,8	4,2
M6	1	5
M7	1	6
M8	1,25	6,8
M9	1,25	7,8
M10	1,5	8,5
M11	1,5	9,5
M12	1,75	10,2
M14	2	12
M16	2	14
M18	2,5	15,5
M20	2,5	17,5
M22	2,5	19,5
M24	3	21
M27	3	24
M30	3,5	26,5

MF

Filettatura metrica ISO a
passo fine
Fine metric ISO thread

d1	Pitch	Preforo
M3	0,35	2,65
M3,5	0,35	3,15
M4	0,35	3,65
M4	0,5	3,5
M5	0,5	4,5
M6	0,5	5,5
M6	0,75	5,2
M7	0,75	6,2
M8	0,5	7,5
M8	1	7
M9	1	8
M10	0,5	9,5
M10	0,75	9,2
M10	1	9
M10	1,25	8,8
M11	1	10
M12	0,75	11,2
M12	1	11
M12	1,25	10,8
M12	1,5	10,5
M13	1	12
M13	1,5	11,5
M14	1	13
M14	1,25	12,8
M14	1,5	12,5
M15	1	14
M15	1,5	13,5
M16	1	15
M16	1,5	14,5
M18	1	17
M18	1,5	16,5
M18	2	16
M20	1	19
M20	1,5	18,5
M20	2	18

UNC

Filettatura americana a
passo grosso
Coarse american thread

d1	Pitch	Preforo
No. 1	64"	1,5
No. 2	56"	1,8
No. 3	48"	2,1
No. 4	40"	2,25
No. 5	40"	2,6
No. 6	32"	2,75
No. 8	32"	3,5
No. 10	24"	3,9
No. 12	24"	4,5
1/4	20"	5,1
5/16	18"	6,6
3/8	16"	8
7/16	14"	9,4
1/2	13"	10,75
9/16	12"	12,2
5/8	11"	13,5
3/4	10"	16,5
7/8	9"	19,5
1	8"	22,25
1 1/8	7"	25
1 1/4	7"	28
1 3/8	6"	30,75
1 1/2	6"	34

UNF

Filettatura americana a
passo fine
Fine american thread

d1	Pitch	Preforo
No. 0	80"	1,25
No. 1	72"	1,55
No. 2	64"	1,85
No. 3	56"	2,15
No. 4	48"	2,35
No. 5	44"	2,7
No. 6	40"	2,95
No. 8	36"	3,5
No. 10	32"	4,1
No. 12	28"	4,6
1/4	28"	5,5
5/16	24"	6,9
3/8	24"	8,5
7/16	20"	9,9
1/2	20"	11,5
9/16	18"	12,9
5/8	18"	14,5
3/4	16"	17,5
7/8	14"	20,4
1	12"	23,25
1 1/8	12"	26,5
1 1/4	12"	29,5
1 3/8	12"	32,75

UNEF

Filettatura americana a
passo extra fine
Extra fine american thread

d1	Pitch	Preforo
1/4	32"	5,55
5/16	32"	7,15
3/8	32"	8,7
7/16	28"	10,2
1/2	28"	11,8
9/16	24"	13,2
5/8	24"	14,8
11/16	24"	16,4
3/4	20"	17,8
7/8	20"	20,95
1	20"	24,2

G (BSP)

Filettatura peR 0° - RR
tubazione
British standard pipe

d1	Pitch	Preforo
G 1/16	28"	6,8
G 1/8	28"	8,8
G 1/4	19"	11,8
G 3/8	19"	15,25
G 1/2	14"	19
G 5/8	14"	21
G 3/4	14"	24,5
G 7/8	14"	28,25
G 1	11"	30,75

PREFORI
PRE-HOLES

W (BSW)

Filettatura whitworth BSW
BSW whitworth thread

d1	Pitch	Preforo
W 3/32	48"	1,8
W 1/8	40"	2,55
W 5/32	32"	3,1
W 3/16	24"	3,6
W 7/32	24"	4,4
W 1/4	202	5,1
W 5/16	182	6,5
W 3/8	16"	7,9
W 7/16	14"	9,25
W 1/2	12"	10,5
W 9/16	12"	12
W 5/8	11"	13,5
W 3/4	10"	16,5
W 7/8	9"	19,25
W 1	8"	21,75
W 1 1/8	7"	24,75
W 1 1/4	7"	27,75
W 1 3/8	6"	30,5

NTP

Filettatura gas conica
americana
American conical gas thread

d1	Pitch	Preforo
1/16	27"	6,3
1/8	27"	8,5
1/4	18"	11
3/8	18"	14,5
1/2	14"	18
3/4	14"	23
1	11,5"	29
1 1/4	11,5"	38
1 1/2	11,5"	44
2	11,5"	56
2 1/2	8"	67
3	8"	83

EGM

Filettatura filetti riportati
Threading heli-coil thread

d1	Pitch	Preforo
EGM 2,5	0,45	2,6
EGM 3	0,5	3,2
EGM 3,5	0,6	3,7
EGM 4	0,7	4,2
EGM 5	0,8	5,2
EGM 6	1	6,3
EGM 8	1,25	8,4
EGM 10	1,5	10,5
EGM 12	1,75	12,5
EGM 14	2	14,5
EGM 16	2	16,5
EGM 18	2,5	18,75
EGM 20	2,5	20,75
EGM 22	2,5	22,75
EGM 24	3	24,75

PG

Filettatura peR 0°tubi
corazzati
Threading foR 0°armored pipes

d1	Pitch	Preforo
7	20"	11,45-11,4
9	18"	14,01-14
11	18"	17,41-17,25
13,5	18"	19,21-19
16	18"	21,31-21,25
21	16"	27,03-26,75
29	16"	35,73-33,5
36	16"	45,73-45,5
42	16"	52,73-52,5
48	16"	58,03-57,8

