

TECHNO THREAD
HPT®



TIPONNA

Velocità di taglio e avanzamenti

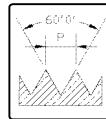
Cutting speed and feed advance

Materiale	Gruppo materiale						
		Non rivestita - Uncoated			Rivestita X-TOP - Coated X-TOP		
		Vc	Fz		Vc	Fz	
1	1.1 Acciaio Dolce Magnetico - Magnetic Soft Iron						
	1.2 Acciaio da Costruzione - Structural Case Hardened Steel						
	1.3 Acciaio al Carbonio - Carbon Steel						
	1.4 Acciaio Legato - Alloy Steel						
	1.5 Acciaio Legato Temprato - Alloy Heat Treated Steel						
	1.6 Acciaio Legato Temprato - Alloy Heat Treated Steel						
	1.7 Acciaio Legato 45 HRC - Hardened Steel to 45 HRC						
	1.8 Acciaio Legato 58 HRC - Hardened Steel to 58 HRC						
2	2.1 Acciaio Inossidabile - Stainless steel	20-40	0,02	0,05	40-60	0,02	0,05
	2.2 Austenico - Austenitic	20-30	0,02	0,05	40-60	0,02	0,05
	2.3 Ferrico + Austenico - Ferritic Austenitic	20-30	0,02	0,05	40-60	0,02	0,05
3	3.1 Ghisa lamellare - Grey Cast Iron						
	3.2 Ghisa lamellare trattata - Grey Cast Iron heat treated						
	3.3 Ghisa sferoidale - Spher Cast Iron						
	3.4 Ghisa sferoidale trattata - Sphere Cast Iron heat treated						
	3.5 Ghisa steroidale trattata - Sphere Cast Iron heat treated						
	3.6 Ghisa malleabile - Malleable Iron						
	3.7 Ghisa Malleabile trattata - Malleable Iron treated						
4	4.1 Titanio Non Legato - Pure Titanium	30-50	0,03	0,10	40-80	0,03	0,10
	4.2 Titanio Legato - Titanium Alloys	20-40	0,03	0,08	30-70	0,03	0,10
	4.3 Titanio Legato - Titanium Alloys	20-40	0,03	0,08	30-70	0,03	0,10
5	5.1 Nichel non legato - Pure Nickel	30-50	0,02	0,08	40-80	0,02	0,08
	5.2 Nichel legato - Nickel alloys heat resistant	20-40	0,02	0,08	30-60	0,02	0,08
	5.3 Nichel legato - Nickel alloys high heat resistant	15-25	0,02	0,08	20-40	0,02	0,08
6	6.1 Rame non legato - Non-alloy copper	100-200	0,05	0,12	140-300	0,05	0,12
	6.2 Ottone, Bronzo - Short chip brace, bronze, red brass	100-200	0,05	0,12	140-300	0,05	0,12
	6.3 Ottone a truciolo lungo - long chip brass	100-200	0,05	0,14	140-400	0,05	0,14
	6.4 Bronzo alta resistenza - Cu-Al-Fe alloy (Ampco)	70-120	0,04	0,10	100-200	0,04	0,10
7	7.1 Alluminio MG non legato - Alu MG Non Alloy	150-400	0,04	0,15			
	7.2 Alluminio Legato ≤ 5% Si - Alu Cast Alloy Si ≤ 5%	100-300	0,04	0,15			
	7.3 Alluminio Legato ≥ 5% ≤ 10 Si - Alu Cast Alloy Si ≥ 5% ≤ 10	100-250	0,04	0,15	100-350	0,04	0,15
	7.4 Alluminio Legato ≥ 10% Si - Alu Cast Alloy Si ≥ 10%	100-200	0,03	0,12	100-300	0,03	0,12
8	6.1 Termoplastici - Thermoplastics	100-120	0,04	0,12			
	6.2 Plastiche termoindurenti - thermosettings plastics	80-150	0,04	0,10	100-200	0,04	0,10
	6.3 Plastiche rinforzate - Fibre reinforced plastics	40-60	0,04	0,10	60-90	0,04	0,10

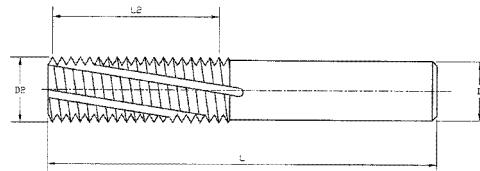
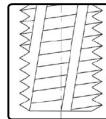
VC=Velocità di taglio in mm. Fz=Avanzamento al dente in mm.

VC=Cutting speed in mm. Fz=Milin feed in mm/tooth.

- Frese a filettare in metallo duro integrale, senza foro di lubrificazione, gola lappata a specchio. Lavorazione di alluminio, leghe di titanio e inox.
- Solid carbide threading mill, without coolant hole, mirror lapped groove, for the workmanship of aluminum, titanium and inox.



$E/x:$
 40°



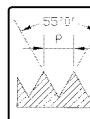
ISO

Pmm	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo
							Codice	€	Codice	€
0,40	1,5	4	55	4,00	2	11	TT01504000004	101,00	TT01504000014	110,00
0,40	1,8	4	55	4,80	2	13	TT01804000004	101,00	TT01804000014	110,00
0,45	1,6	4	55	4,05	2	10	TT01604500004	101,00	TT01604500014	110,00
0,45	1,75	4	55	4,95	2	12	TT01754500004	101,00	TT01754500014	110,00
0,50	2,3	4	55	5,50	3	10	TT02305000004	101,00	TT02305000014	110,00
0,50	3	6	75	7,50	3	16	TT03050000004	113,00	TT03050000014	130,00
0,50	4	6	75	10,00	3	21	TT04050000004	113,00	TT04050000014	130,00
0,70	3	6	75	7,70	3	12	TT03070000004	113,00	TT03070000014	130,00
0,75	3,5	6	75	9,75	3	14	TT03507500004	113,00	TT03507500014	130,00
0,80	4	6	75	12,00	3	16	TT04080000004	113,00	TT04080000014	130,00
1,00	4,8	6	75	16,00	3	17	TT04810000004	113,00	TT04810000014	130,00
1,00	6	6	75	20,00	3	21	TT06100000004	113,00	TT06100000014	130,00
1,00	8	8	75	22,00	3	23	TT08100000004	128,00	TT08100000014	148,00
1,00	10	10	80	25,00	3	26	TT10100000004	157,00	TT10100000014	183,00
1,00	12	12	80	30,00	3	31	TT12100000004	209,00	TT12100000014	241,00
1,25	6	6	75	20,00	3	17	TT06125000004	108,00	TT06125000014	124,00
1,25	8	8	75	22,50	3	19	TT08125000004	128,00	TT08125000014	148,00
1,25	10	10	80	25,00	3	21	TT10125000004	157,00	TT10125000014	183,00
1,50	6	6	75	19,50	3	14	TT06150000004	108,00	TT06150000014	124,00
1,50	8	8	75	22,50	3	16	TT08150000004	123,00	TT08150000014	142,00
1,50	10	10	80	25,50	3	18	TT10150000004	152,00	TT10150000014	176,00
1,50	12	12	80	30,00	3	21	TT12150000004	200,00	TT12150000014	231,00
1,75	8	8	75	22,75	3	14	TT08175000004	123,00	TT08175000014	142,00
2,0	8	8	75	22,00	3	12	TT08200000004	123,00	TT08200000014	142,00
2,0	10	10	80	26,00	3	14	TT10200000004	152,00	TT10200000014	176,00
2,0	12	12	80	30,00	3	16	TT12200000004	200,00	TT12200000014	231,00

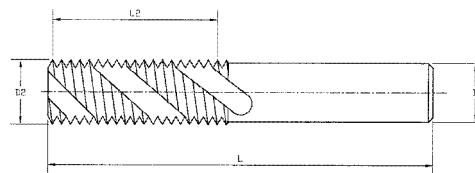
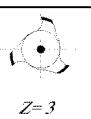
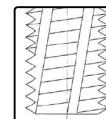
Nota: **Z** = numero dei taglienti - **Zt** = numero di creste utili per singolo tagliente

Altri diametri e misure a richiesta • Other size are available on request

- Frese a filettare in metallo duro integrale, senza foro di lubrificazione, gola lappata a specchio. Lavorazione di alluminio, leghe di titanio e inox.
- Solid carbide threading mill, without coolant hole, mirror lapped groove, for the workmanship of aluminum, titanium and inox.



E/x:
40°



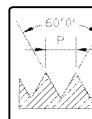
GAS

filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TT06285500004	113,00	TT06285500014	130,00
19	8	8	75	21,39	3	17	TT08195500004	128,00	TT08195500014	148,00
19	10	10	80	25,40	3	20	TT10195500004	157,00	TT10195500014	183,00
19	12	12	80	29,41	3	23	TT12195500004	209,00	TT12195500014	241,00
14	12	12	80	30,84	3	18	TT12145500004	209,00	TT12145500014	241,00

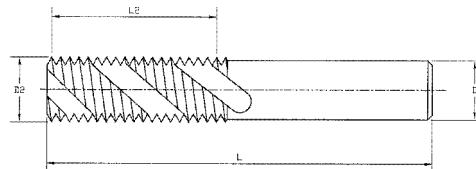
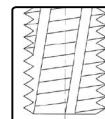
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Altri diametri e misure a richiesta • Other size are available on request

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$E/x:$
 40°



UN

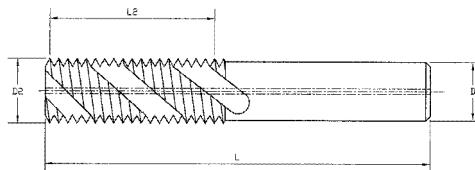
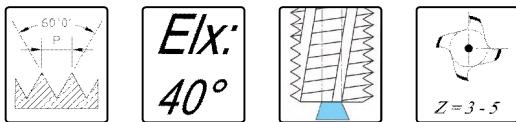
filx1"	D2	D	L	L2	Z	Zt	Non rivestita		Prezzo	Rivestita ALU-TOP		Prezzo
							Codice	€		Codice	€	
32	3,3	6	75	7,94	3	11	TT03332600004	112,00	TT03332600014	123,00		
32	3,8	6	75	9,58	3	13	TT03832600004	112,00	TT03832600014	123,00		
28	4	6	75	11,79	3	14	TT04286000004	113,00	TT04286000014	130,00		
27	6	6	75	19,76	3	22	TT06276000004	113,00	TT06276000014	130,00		
24	3	6	75	11,64	3	12	TT03246000004	113,00	TT03246000014	130,00		
24	6	6	75	20,11	3	20	TT06246000004	113,00	TT06246000014	130,00		
20	4	6	75	11,43	3	10	TT04206000004	113,00	TT04206000014	130,00		
20	8	8	75	21,59	3	18	TT08206000004	128,00	TT08206000014	148,00		
18	4,8	6	75	15,52	3	12	TT04818600004	113,00	TT04818600014	130,00		
18	10	10	80	25,4	3	19	TT10186000004	157,00	TT10186000014	183,00		
18	12	12	80	29,63	3	22	TT12186000004	209,00	TT12186000014	241,00		
16	6	6	75	20,64	3	14	TT06166000004	108,00	TT06166000014	124,00		
16	12	12	80	30,16	3	20	TT12166000004	209,00	TT12166000014	241,00		
13	8	8	75	21,49	3	12	TT08136000004	124,00	TT08136000014	142,00		
14	8	8	75	21,77	3	13	TT08146000004	124,00	TT08146000014	142,00		
12	10	10	80	25,4	3	13	TT10126000004	152,00	TT10126000014	176,00		
11	10	10	80	25,4	3	12	TT10116000004	152,00	TT10116000014	176,00		
10	12	12	80	30,48	3	13	TT12106000004	200,00	TT12106000014	231,00		

Nota: Z = numero dei taglienti - Zt = numero di creste utili per singolo tagliente

Altri diametri e misure a richiesta • Other size are available on request

**Frese a filettare in metallo duro integrale,
con foro di lubrificazione centrale,
gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.**

**Solid carbide threading mill, with central coolant hole,
mirror lapped groove,
for the workmanship of aluminum, titanium and inox.**



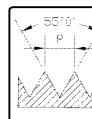
ISO

Pmm	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo
							Codice	€	Codice	€
0.80	4	6	75	12,00	3	16	TT04080000005	116,00	TT04080000015	129,00
1.00	4.8	6	75	16,00	3	17	TT04810000005	116,00	TT04810000015	129,00
1.00	6	6	75	20,00	3	21	TT06100000005	115,00	TT06100000015	129,00
1.00	8	8	75	22,00	3	23	TT08100000005	131,00	TT08100000015	146,00
1.00	10	10	80	25,00	3	26	TT10100000005	160,00	TT10100000015	178,00
1.00	12	12	80	30,00	3	31	TT12100000005	215,00	TT12100000015	239,00
1.00	14	14	100	35,00	4	36	TT14100000005	256,00	TT14100000015	286,00
1.00	16	16	100	38,00	4	39	TT16100000005	296,00	TT16100000015	329,00
1.00	20	20	105	41,00	4	42	TT20100000005	369,00	TT20100000015	412,00
1.25	6	6	75	20,00	3	17	TT06125000005	116,00	TT06125000015	129,00
1.25	8	8	75	22,50	3	19	TT08125000005	132,00	TT08125000015	146,00
1.25	10	10	80	25,00	3	21	TT10125000005	160,00	TT10125000015	178,00
1.50	6	6	75	19,50	3	14	TT06150000005	112,00	TT06150000015	124,00
1.50	8	8	75	22,50	3	16	TT08150000005	127,00	TT08150000015	142,00
1.50	10	10	80	25,50	3	18	TT10150000005	154,00	TT10150000015	171,00
1.50	12	12	80	30,00	3	21	TT12150000005	215,00	TT12150000015	239,00
1.50	14	14	100	34,50	4	24	TT14150000005	256,00	TT14150000015	286,00
1.50	16	16	100	37,50	4	26	TT16150000005	296,00	TT16150000015	329,00
1.50	20	20	105	40,50	4	28	TT20150000005	369,00	TT20150000015	412,00
1.50	25	25	130	49,50	5	34	TT25150000005	440,00	TT25150000015	491,00
1.50	32	32	155	65,00	5	44	TT32150000005	618,00	TT32150000015	686,00
1.75	8	8	75	22,75	3	14	TT08175000005	127,00	TT08175000015	142,00
2.0	8	8	75	22,00	3	12	TT08200000005	127,00	TT08200000015	142,00
2.0	10	10	80	26,00	3	14	TT10200000005	154,00	TT10200000015	171,00
2.0	12	12	80	30,00	3	16	TT12200000005	205,00	TT12200000015	228,00
2.0	14	14	100	34,00	4	18	TT14200000005	247,00	TT14200000015	274,00
2.0	16	16	100	38,00	4	20	TT16200000005	284,00	TT16200000015	317,00
2.0	20	20	105	42,00	4	22	TT20200000005	369,00	TT20200000015	412,00
2.0	25	25	130	50,00	5	26	TT25200000005	440,00	TT25200000015	491,00
2.0	32	32	155	66,00	5	34	TT32200000005	618,00	TT32200000015	686,00
2.5	14	14	100	35,00	4	15	TT14250000005	247,00	TT14250000015	274,00
2.5	16	16	100	37,50	4	16	TT16250000005	284,00	TT16250000015	317,00
3.0	16	16	100	39,00	4	14	TT16300000005	273,00	TT16300000015	303,00
3.0	20	20	105	42,00	4	15	TT20300000005	354,00	TT20300000015	394,00
3.0	25	25	130	51,00	5	18	TT25300000005	423,00	TT25300000015	470,00
3.0	32	32	155	66,00	5	23	TT32300000005	594,00	TT32300000015	660,00
3.5	20	20	105	42,00	4	13	TT20350000005	343,00	TT20350000015	382,00
3.5	25	25	130	49,00	5	15	TT25350000005	409,00	TT25350000015	454,00
4.0	25	25	130	48,00	5	13	TT25400000005	400,00	TT25400000015	445,00

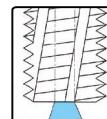
Nota: **Z** = numero dei taglienti - **Zt** = numero di creste utili per singolo tagliente

Altri diametri e misure a richiesta • Other size are available on request

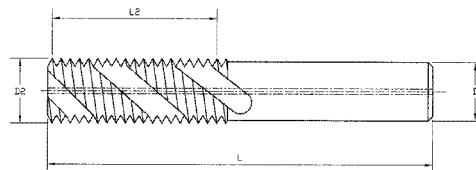
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Lavorazione di alluminio, leghe di titanio e inox.
- Solid carbide threading mill, with central coolant hole, mirror lapped groove, for the workmanship of aluminum, titanium and inox.**



**Elx:
40°**



Z = 3 - 5



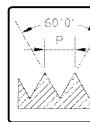
GAS

filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TT06285500005	116,00	TT06285500015	129,00
19	8	8	75	21,39	3	17	TT08195500005	132,00	TT08195500015	146,00
19	10	10	80	25,40	3	20	TT10195500005	160,00	TT10195500015	178,00
19	12	12	80	29,41	3	23	TT12195500005	215,00	TT12195500015	239,00
19	14	14	100	33,43	4	26	TT14195500005	256,00	TT14195500015	286,00
14	12	12	80	30,84	3	18	TT12145500005	215,00	TT12145500015	239,00
14	14	14	100	34,47	4	20	TT14145500005	256,00	TT14145500015	286,00
14	16	16	100	38,09	4	22	TT16145500005	296,00	TT16145500015	329,00
14	20	20	105	41,72	4	24	TT20145500005	369,00	TT20145500015	412,00
14	25	25	130	50,79	5	29	TT25145500005	441,00	TT25145500015	491,00
11	20	20	105	41,56	4	19	TT20115500005	369,00	TT20115500015	412,00
11	25	25	130	50,80	5	23	TT25115500005	441,00	TT25115500015	491,00
11	32	32	155	65,00	5	29	TT32115500005	618,00	TT32115500015	686,00

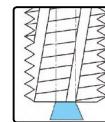
Nota: **Z** = numero dei taglienti - **Zt** = numero di creste utili per singolo tagliente

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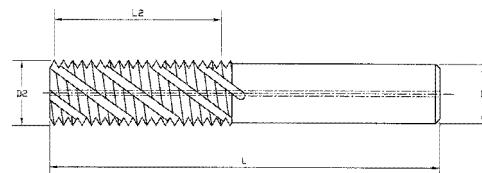
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**E/x:
40°**



Z = 3 - 5



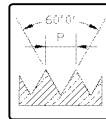
UN

filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo
							Codice	€	Codice	€
28	4	6	75	11,79	3	14	TT0428600005	116,00	TT0428600015	129,00
27	6	6	75	19,76	3	22	TT0627600005	116,00	TT0627600015	129,00
24	6	6	75	20,11	3	20	TT0624600005	116,00	TT0624600015	129,00
20	4	6	75	11,43	3	10	TT0420600005	116,00	TT0420600015	129,00
20	8	8	75	21,59	3	18	TT0820600005	132,00	TT0820600015	146,00
18	4.8	6	75	15,52	3	12	TT0481860005	112,00	TT0481860015	124,00
18	10	10	80	25,40	3	19	TT1018600005	160,00	TT1018600015	178,00
18	12	12	80	29,63	3	22	TT1218600005	215,00	TT1218600015	239,00
16	6	6	75	20,64	3	14	TT0616600005	112,00	TT0616600015	124,00
16	12	12	80	30,16	3	20	TT1216600005	215,00	TT1216600015	239,00
16	14	14	100	33,34	4	22	TT1416600005	256,00	TT1416600015	286,00
13	8	8	75	21,49	3	12	TT0813600005	127,00	TT0813600015	142,00
14	8	8	75	21,77	3	13	TT0814600005	127,00	TT0814600015	142,00
14	16	16	100	38,10	4	22	TT1614600005	296,00	TT1614600015	329,00
12	10	10	80	25,40	3	13	TT1012600005	154,00	TT1012600015	171,00
12	16	16	100	38,10	4	19	TT1612600005	296,00	TT1612600015	329,00
12	20	20	105	40,22	4	20	TT2012600005	364,00	TT2012600015	412,00
12	25	25	130	50,80	5	25	TT2512600005	441,00	TT2512600015	491,00
11	10	10	80	25,40	3	12	TT1011600005	154,00	TT1011600015	171,00
10	12	12	80	30,48	3	13	TT1210600005	205,00	TT1210600015	228,00
10	14	14	100	33,02	4	14	TT1410600005	247,00	TT1410600015	274,00
9	16	16	100	36,69	4	14	TT1696000005	284,00	TT1696000015	317,00
8	16	16	100	38,10	4	13	TT1686000005	284,00	TT1686000015	317,00
8	20	20	105	41,28	4	14	TT2086000005	354,00	TT2086000015	394,00
7	20	20	105	39,91	4	12	TT2076000005	354,00	TT2076000015	394,00
6	25	25	130	50,80	5	13	TT2566000005	454,00	TT2566000015	470,00
5	25	25	130	50,80	5	11	TT2556000005	454,00	TT2556000015	470,00
4.5	25	25	130	50,80	5	10	TT2545600005	618,00	TT2545600015	686,00
4	25	25	130	50,80	5	9	TT2546000005	409,00	TT2546000015	454,00
4	32	32	155	63,50	5	11	TT3246000005	409,00	TT3246000015	454,00
4.5	32	32	155	67,73	5	13	TT3245600005	618,00	TT3245600015	686,00
5	32	32	155	66,04	5	14	TT3256000005	618,00	TT3256000015	686,00

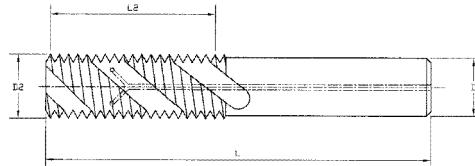
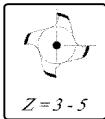
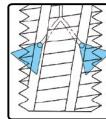
Nota: Z = numero dei taglienti - Zt = numero di creste utili per singolo tagliente

Altri diametri e misure a richiesta • Other size are available on request

- Frese a filettare in metallo duro integrale,
con fori di lubrificazione laterali, gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.**
- Solid carbide threading mill, with lateral coolant hole,
mirror lapped groove, for the workmanship
of aluminum, titanium and inox.**



**E/x:
40°**



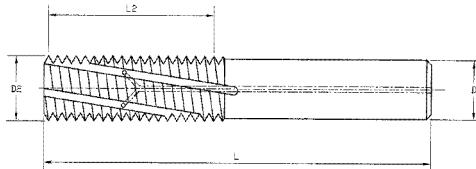
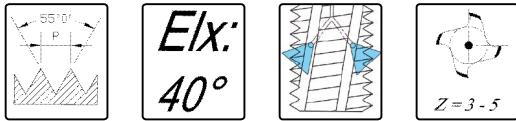
ISO

Pmm	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo
							Codice	€	Codice	€
1.0	6	6	75	20,00	3	21	TT06100000008	145,00	TT06100000018	161,00
1.0	8	8	75	22,00	3	23	TT08100000008	164,00	TT08100000018	184,00
1.0	10	10	80	25,00	3	26	TT10100000008	201,00	TT10100000018	223,00
1.0	12	12	80	30,00	3	31	TT12100000008	267,00	TT12100000018	299,00
1.0	14	14	100	35,00	4	36	TT14100000008	270,00	TT14100000018	355,00
1.0	16	16	100	38,00	4	39	TT16100000008	377,00	TT16100000018	420,00
1.0	20	20	105	41,00	4	42	TT20100000008	461,00	TT20100000018	513,00
1.25	6	6	75	20,00	3	17	TT06125000008	145,00	TT06125000018	161,00
1.25	8	8	75	22,50	3	19	TT08125000008	164,00	TT08125000018	184,00
1.25	10	10	80	25,00	3	21	TT10125000008	201,00	TT10125000018	223,00
1.50	6	6	75	19,50	3	14	TT06150000008	140,00	TT06150000018	155,00
1.50	8	8	75	22,50	3	16	TT08150000008	157,00	TT08150000018	177,00
1.50	10	10	80	25,50	3	18	TT10150000008	192,00	TT10150000018	213,00
1.50	12	12	80	30,00	3	21	TT12150000008	258,00	TT12150000018	288,00
1.50	14	14	100	34,50	4	24	TT14150000008	307,00	TT14150000018	343,00
1.50	16	16	100	37,50	4	26	TT16150000008	361,00	TT16150000018	402,00
1.50	20	20	105	40,50	4	28	TT20150000008	444,00	TT20150000018	493,00
1.50	25	25	130	49,50	5	34	TT25150000008	551,00	TT25150000018	612,00
1.50	32	32	155	65,00	5	44	TT32150000008	680,00	TT32150000018	756,00
1.75	8	8	75	22,75	3	14	TT08175000008	157,00	TT08175000018	177,00
2.0	8	8	75	22,00	3	12	TT08200000008	157,00	TT08200000018	177,00
2.0	10	10	80	26,00	3	14	TT10200000008	192,00	TT10200000018	213,00
2.0	12	12	80	30,00	3	16	TT12200000008	258,00	TT12200000018	288,00
2.0	14	14	100	34,00	4	18	TT14200000008	307,00	TT14200000018	343,00
2.0	16	16	100	38,00	4	20	TT16200000008	361,00	TT16200000018	401,00
2.0	20	20	105	42,00	4	22	TT20200000008	444,00	TT20200000018	493,00
2.0	25	25	130	50,00	5	26	TT25200000008	551,00	TT25200000018	612,00
2.0	32	32	155	66,00	5	34	TT32200000008	680,00	TT32200000018	756,00
2.5	14	14	100	35,00	4	15	TT14250000008	295,00	TT14250000018	331,00
2.5	16	16	100	37,50	4	16	TT16250000008	346,00	TT16250000018	386,00
3.0	16	16	100	39,00	4	14	TT16300000008	346,00	TT16300000018	386,00
3.0	20	20	105	42,00	4	15	TT20300000008	424,00	TT20300000018	471,00
3.0	25	25	130	51,00	5	18	TT25300000008	528,00	TT25300000018	589,00
3.0	32	32	155	66,00	5	23	TT32300000008	653,00	TT32300000018	726,00
3.5	20	20	105	42,00	4	13	TT20350000008	422,00	TT20350000018	471,00
3.5	25	25	130	49,00	5	15	TT25350000008	506,00	TT25350000018	566,00
4.0	25	25	130	48,00	5	13	TT25400000008	506,00	TT25400000018	566,00

Nota: **Z** = numero dei taglienti - **Zt** = numero di creste utili per singolo tagliente

Altri diametri e misure a richiesta • Other size are available on request

- Frese a filettare in metallo duro integrale,
con fori di lubrificazione laterali, gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.**
- Solid carbide threading mill, with lateral coolant hole,
mirror lapped groove, for the workmanship
of aluminum, titanium and inox.**



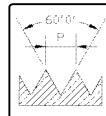
GAS

filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TT0628550008	145,00	TT0628550018	161,00
19	8	8	75	21,39	3	17	TT0819550008	164,00	TT0819550018	184,00
19	10	10	80	25,40	3	20	TT1019550008	200,00	TT1019550018	223,00
19	12	12	80	29,41	3	23	TT1219550008	270,00	TT1219550018	300,00
19	14	14	100	33,43	4	26	TT1419550008	320,00	TT1419550018	355,00
14	12	12	80	30,84	3	18	TT1214550008	270,00	TT1214550018	300,00
14	14	14	100	34,47	4	20	TT1414550008	320,00	TT1414550018	355,00
14	16	16	100	38,09	4	22	TT1614550008	377,00	TT1614550018	420,00
14	20	20	105	41,72	4	24	TT2014550008	461,00	TT2014550018	513,00
14	25	25	130	50,79	5	29	TT2514550008	551,00	TT2514550018	612,00
11	20	20	105	41,56	4	19	TT2011550008	461,00	TT2011550018	513,00
11	25	25	130	50,80	5	23	TT2511550008	551,00	TT2511550018	612,00
11	32	32	155	65,00	5	29	TT3211550008	680,00	TT3211550018	756,00

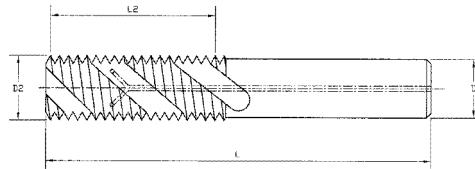
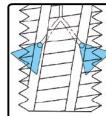
Nota: **Z** = numero dei taglienti - **Zt** = numero di creste utili per singolo tagliente

Altri diametri e misure a richiesta • Other size are available on request

- Frese a filettare in metallo duro integrale,
con fori di lubrificazione laterali, gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.
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mirror lapped groove, for the workmanship
of aluminum, titanium and inox.



E/x:
40°



UN

filx1"	D2	D	L	L2	Z	Zt	Non rivestita		Prezzo	Rivestita ALU-TOP		Prezzo
							Codice	€		Codice	€	
27	6	6	75	19,76	3	22	TT06276000008	145,00	TT06276000018	161,00		
24	6	6	75	20,11	3	20	TT06246000008	145,00	TT06246000018	161,00		
20	8	8	75	21,59	3	18	TT08206000008	164,00	TT08206000018	183,00		
18	10	10	80	25,40	3	19	TT10186000008	200,00	TT10186000018	223,00		
18	12	12	80	29,63	3	22	TT12186000008	270,00	TT12186000018	299,00		
16	6	6	75	20,64	3	14	TT06166000008	140,00	TT06166000018	155,00		
16	12	12	80	30,16	3	20	TT12166000008	269,00	TT12166000018	299,00		
16	14	14	100	33,34	4	22	TT14166000008	320,00	TT14166000018	355,00		
13	8	8	75	21,49	3	12	TT08136000008	157,00	TT08136000018	177,00		
14	8	8	75	21,77	3	13	TT08146000008	157,00	TT08146000018	177,00		
14	16	16	100	38,10	4	22	TT16146000008	377,00	TT16146000018	420,00		
12	10	10	80	25,40	3	13	TT10126000008	192,00	TT10126000018	213,00		
12	16	16	10	38,10	4	19	TT16126000008	377,00	TT16126000018	420,00		
12	20	20	105	40,22	4	20	TT20126000008	444,00	TT20126000018	493,00		
12	25	25	130	50,80	5	25	TT25126000008	551,00	TT25126000018	612,00		
11	10	10	80	25,40	3	12	TT10116000008	192,00	TT10116000018	213,00		
10	12	12	80	30,48	3	13	TT12106000008	258,00	TT12106000018	288,00		
10	14	14	100	33,02	4	14	TT14106000008	307,00	TT14106000018	342,00		
9	16	16	100	36,69	4	14	TT16960000008	365,00	TT16960000018	401,00		
8	16	16	100	38,10	4	13	TT16860000008	365,00	TT16860000018	401,00		
8	20	20	105	41,28	4	14	TT20860000008	424,00	TT20860000018	472,00		
7	20	20	105	39,91	4	12	TT20760000008	424,00	TT20760000018	472,00		
6	25	25	130	50,80	5	13	TT25660000008	528,00	TT25660000018	589,00		
5	25	25	130	50,80	5	11	TT25560000008	653,00	TT25560000018	726,00		
4,5	25	25	130	50,80	5	10	TT25456000008	528,00	TT25456000018	589,00		
4	25	25	130	50,80	5	9	TT25460000008	506,00	TT25460000018	564,00		
4	32	32	155	63,50	5	11	TT32460000008	680,00	TT32460000018	756,00		
4,5	32	32	155	67,73	5	13	TT32456000008	506,00	TT32456000018	564,00		
5	32	32	155	66,04	5	14	TT32560000008	680,00	TT32560000018	756,00		

Nota: Z = numero dei taglienti - Zt = numero di creste utili per singolo tagliente

Altri diametri e misure a richiesta • Other size are available on request

