

TECHNO THREAD
HPT®



TIPPONS

Velocità di taglio e avanzamenti

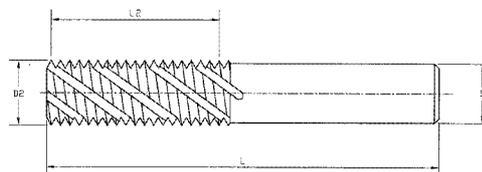
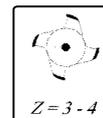
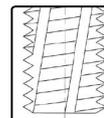
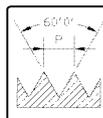
Cutting speed and feed advance

Materiale	Gruppo Materiale	NON RIVESTITA		Rivestita X-TOP			
		Vc	Fz	Vc	Fz		
1	1.1 Acciaio Dolce Magnetico - Magnetic Soft Iron	40-80	0,04	0,10	70-140	0,04	0,10
	1.2 Acciaio da Costruzione - Structural Case Hardened Steel	40-80	0,04	0,10	70-140	0,04	0,10
	1.3 Acciaio al Carbonio - Carbon Steel	30-60	0,03	0,08	50-100	0,03	0,08
	1.4 Acciaio Legato - Alloy Steel	30-60	0,03	0,08	40-80	0,03	0,08
	1.5 Acciaio Legato Temprato - Alloy Heat Treated Steel	20-40	0,02	0,08	40-80	0,02	0,08
	1.6 Acciaio Legato Temprato - Alloy Heat Treated Steel	20-40	0,02	0,05	40-80	0,02	0,05
	1.7 Acciaio Legato 45 HRC - Hardened Steel to 45 HRC	20-40	0,02	0,05	40-80	0,02	0,05
	1.8 Acciaio Legato 58 HRC - Hardened Steel to 58 HRC	20-40	0,02	0,05	40-80	0,02	0,05
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	30-40	0,02	0,05
	2.3 Ferrico + Austenico - Ferritic Austenitic	20-30	0,02	0,05	30-40	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 sferoidale 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	0,08
	4.3 Titanio Legato - Titanium Alloys	20-40	0,03	0,08	30-70	0,03	0,08
5	5.1 Nichel non legato - Pure Nichel	30-50	0,02	0,08	40-80	0,02	0,08
	5.2 Nichel legato - Nichel alloys heat resistant	20-40	0,02	0,08	30-60	0,02	0,08
	5.3 Nichel legato - Nichel 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 brass, 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	100-300	0,03	0,12	100-400	0,03	0,12
	7.2 Alluminio Legato ≤ 5% Si - Alu Cast Alloy Si ≤ 5%	100-300	0,03	0,12	100-400	0,03	0,12
	7.3 Alluminio Legato ≥ 5% ≤ 10 Si - Alu Cast Alloy Si ≥ 5% ≤ 10	100-250	0,03	0,12	100-350	0,03	0,12
	7.4 Alluminio Legato ≥ 10% Si - Alu Cast Alloy Si ≥ 10%	80-200	0,03	0,10	80-250	0,03	0,10
8	6.1 Termoplastici - Thermoplastics	80-100	0,04	0,10	90-120	0,04	0,10
	6.2 Plastiche termoindurenti - Thermosetting plastics	80-100	0,04	0,10	90-120	0,04	0,10
	6.3 Plastiche rinforzate - Fibre reinforced plastics	40-60	0,04	0,10	60-80	0,04	0,10

VC=Velocità di taglio in mm. Fz=Avanzamento al dente in mm.
VC=Cutting speed in mm. Fz=Milim feed in mm/tooth.



- Frese a filettare in metallo duro integrale, senza foro di lubrificazione, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.**
- Solid carbide threading mill, without coolant hole, for generic workmanship who needs more aggressive cut.**



ISO

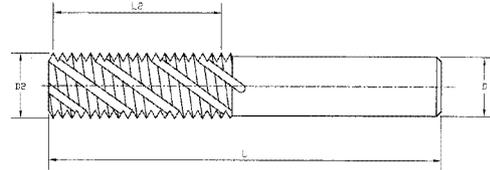
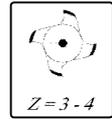
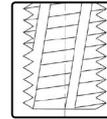
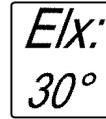
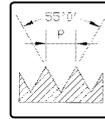
Pmm	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
0,40	1,5	4	55	4,00	2	11	TT01504000021	101,00	TT01504000022	110,00
0,40	1,8	4	55	4,80	2	13	TT01804000021	101,00	TT01804000022	110,00
0,45	1,6	4	55	4,05	2	10	TT01604500021	101,00	TT01604500022	110,00
0,45	1,75	4	55	4,95	2	12	TT01754500021	101,00	TT01754500022	110,00
0,50	2,3	4	55	5,50	3	10	TT02305000021	101,00	TT02305000022	110,00
0,50	3	6	75	7,50	3	16	TT03050000021	112,00	TT03050000022	123,00
0,50	4	6	75	10,00	3	21	TT04050000021	112,00	TT04050000022	123,00
0,70	3	6	75	7,70	3	12	TT03070000021	112,00	TT03070000022	123,00
0,75	3,5	6	75	9,75	3	14	TT03507500021	112,00	TT03507500022	123,00
0,80	4	6	75	12,00	3	16	TT04080000021	112,00	TT04080000022	123,00
1.0	4.8	6	75	16,00	3	17	TT04810000021	112,00	TT04810000022	123,00
1.0	6	6	75	20,00	3	21	TT06100000021	109,00	TT06100000022	121,00
1.0	8	8	75	22,00	3	23	TT08100000021	124,00	TT08100000022	140,00
1.0	10	10	80	25,00	4	26	TT10100000021	153,00	TT10100000022	171,00
1.0	12	12	80	30,00	4	31	TT12100000021	204,00	TT12100000022	226,00
1.25	6	6	75	20,00	3	17	TT06125000021	109,00	TT06125000022	122,00
1.25	8	8	75	22,50	3	19	TT08125000021	124,00	TT08125000022	139,00
1.25	10	10	80	25,00	4	21	TT10125000021	153,00	TT10125000022	171,00
1.50	6	6	75	19,50	3	14	TT06150000021	107,00	TT06150000022	118,00
1.50	8	8	75	22,50	3	16	TT08150000021	120,00	TT08150000022	134,00
1.50	10	10	80	25,50	4	18	TT10150000021	147,00	TT10150000022	163,00
1.50	12	12	80	30,00	4	21	TT12150000021	195,00	TT12150000022	217,00
1.75	8	8	75	22,75	3	14	TT08175000021	120,00	TT08175000022	134,00
2.0	8	8	75	22,00	3	12	TT08200000021	120,00	TT08200000022	134,00
2.0	10	10	80	26,00	4	14	TT10200000021	147,00	TT10200000022	163,00
2.0	12	12	80	30,00	4	16	TT12200000021	195,00	TT12200000022	217,00

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, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.
- Solid carbide threading mill, without coolant hole, for generic workmanship who needs more aggressive cut.



GAS

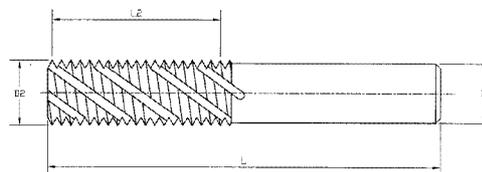
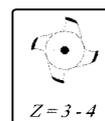
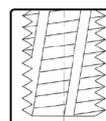
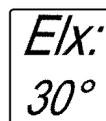
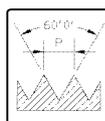
filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TT06285500021	112,00	TT06285500022	123,00
19	8	8	75	21,39	3	17	TT08195500021	124,00	TT08195500022	139,00
19	10	10	80	25,40	4	20	TT10195500021	153,00	TT10195500022	171,00
19	12	12	80	29,41	4	23	TT12195500021	204,00	TT12195500022	226,00
14	12	12	80	30,84	4	18	TT12145500021	204,00	TT12145500022	226,00

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, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.
- Solid carbide threading mill, without coolant hole, for generic workmanship who needs more aggressive cut.



UN

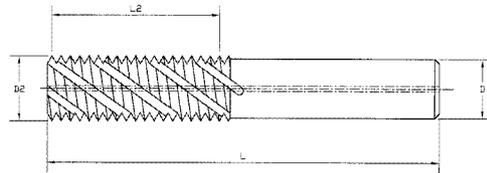
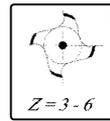
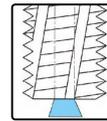
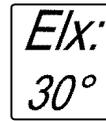
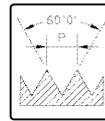
filx 1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
32	3,3	6	75	7,94	3	11	TT03332600021	112,00	TT03332600022	123,00
32	3,8	6	75	9,58	3	13	TT03832600021	112,00	TT03832600022	123,00
28	4	6	75	11,79	3	14	TT04286000021	112,00	TT04286000022	123,00
27	6	6	75	19,76	3	22	TT06276000021	112,00	TT06276000022	123,00
24	3	6	75	11,64	3	12	TT03246000021	112,00	TT03246000022	123,00
24	6	6	75	20,11	3	20	TT06246000021	112,00	TT06246000022	123,00
20	4	6	75	11,43	3	10	TT04206000021	112,00	TT04206000022	123,00
20	8	8	75	21,59	3	18	TT08206000021	124,00	TT08206000022	135,00
18	4,8	6	75	15,52	3	12	TT04818600021	112,00	TT04818600022	123,00
18	10	10	80	25,4	4	19	TT10186000021	153,00	TT10186000022	171,00
18	12	12	80	29,63	4	22	TT12186000021	204,00	TT12186000022	226,00
16	6	6	75	20,64	3	14	TT06166000021	107,00	TT06166000022	118,00
16	12	12	80	30,16	4	20	TT12166000021	204,00	TT12166000022	226,00
13	8	8	75	21,49	3	12	TT08136000021	120,00	TT08136000022	134,00
14	8	8	75	21,77	3	13	TT08146000021	120,00	TT08146000022	134,00
12	10	10	80	25,4	4	13	TT10126000021	147,00	TT10126000022	163,00
11	10	10	80	25,4	4	12	TT10116000021	147,00	TT10116000022	163,00
10	12	12	80	30,48	4	13	TT12106000021	195,00	TT12106000022	217,00

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, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.**
- Solid carbide threading mill, with central coolant hole, for generic workmanship who needs more aggressive cut.**



ISO

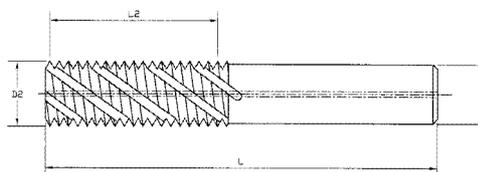
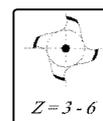
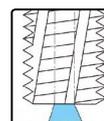
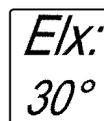
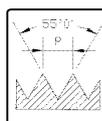
Pmm	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
0.80	4	6	75	12,00	3	16	TT04080000020	116,00	TT04080000023	129,00
1.00	4.8	6	75	16,00	3	17	TT04810000020	116,00	TT04810000023	129,00
1.00	6	6	75	20,00	3	21	TT06100000020	115,00	TT06100000023	127,00
1.00	8	8	75	22,00	3	23	TT08100000020	131,00	TT08100000023	146,00
1.00	10	10	80	25,00	4	26	TT10100000020	160,00	TT10100000023	178,00
1.00	12	12	80	30,00	4	31	TT12100000020	215,00	TT12100000023	240,00
1.00	14	14	100	35,00	5	36	TT14100000020	256,00	TT14100000023	286,00
1.00	16	16	100	38,00	5	39	TT16100000020	296,00	TT16100000023	329,00
1.00	20	20	105	41,00	5	42	TT20100000020	369,00	TT20100000023	412,00
1.25	6	6	75	20,00	3	17	TT06125000020	116,00	TT06125000023	129,00
1.25	8	8	75	22,50	3	19	TT08125000020	132,00	TT08125000023	146,00
1.25	10	10	80	25,00	4	21	TT10125000020	160,00	TT10125000023	178,00
1.50	6	6	75	19,50	3	14	TT06150000020	112,00	TT06150000023	124,00
1.50	8	8	75	22,50	3	16	TT08150000020	127,00	TT08150000023	142,00
1.50	10	10	80	25,50	4	18	TT10150000020	154,00	TT10150000023	171,00
1.50	12	12	80	30,00	4	21	TT12150000020	215,00	TT12150000023	239,00
1.50	14	14	100	34,50	5	24	TT14150000020	256,00	TT14150000023	286,00
1.50	16	16	100	37,50	5	26	TT16150000020	296,00	TT16150000023	329,00
1.50	20	20	105	40,50	5	28	TT20150000020	369,00	TT20150000023	412,00
1.50	25	25	130	49,50	6	34	TT25150000020	440,00	TT25150000023	491,00
1.50	32	32	155	65,00	6	44	TT32150000020	618,00	TT32150000023	686,00
1.75	8	8	75	22,75	3	14	TT08175000020	127,00	TT08175000023	142,00
2.00	8	8	75	22,00	3	12	TT08200000020	127,00	TT08200000023	142,00
2.00	10	10	80	26,00	4	14	TT10200000020	154,00	TT10200000023	171,00
2.00	12	12	85	30,00	4	16	TT12200000020	205,00	TT12200000023	226,00
2.00	14	14	100	34,00	5	18	TT14200000020	247,00	TT14200000023	274,00
2.00	16	16	100	38,00	5	20	TT16200000020	284,00	TT16200000023	317,00
2.00	20	20	105	42,00	5	22	TT20200000020	369,00	TT20200000023	412,00
2.00	25	25	130	50,00	6	26	TT25200000020	440,00	TT25200000023	491,00
2.00	32	32	155	66,00	6	34	TT32200000020	618,00	TT32200000023	686,00
2.50	14	14	100	35,00	5	15	TT14250000020	247,00	TT14250000023	274,00
2.50	16	16	100	37,50	5	16	TT16250000020	284,00	TT16250000023	317,00
3.00	16	16	100	39,00	5	14	TT16300000020	273,00	TT16230000023	303,00
3.00	20	20	105	42,00	5	15	TT20300000020	354,00	TT20300000023	394,00
3.00	25	25	130	51,00	6	18	TT25300000020	420,00	TT25300000023	472,00
3.00	32	32	155	66,00	6	23	TT32300000020	594,00	TT32300000023	660,00
3.50	20	20	105	42,00	5	13	TT20350000020	343,00	TT20350000023	382,00
3.50	25	25	130	49,00	6	15	TT25350000020	409,00	TT25350000023	454,00
4.00	25	25	130	48,00	6	13	TT25400000020	400,00	TT25400000023	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



- Frese a filettare in metallo duro integrale, con foro di lubrificazione centrale, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.**
- Solid carbide threading mill, with central coolant hole, for generic workmanship who needs more aggressive cut.**



GAS

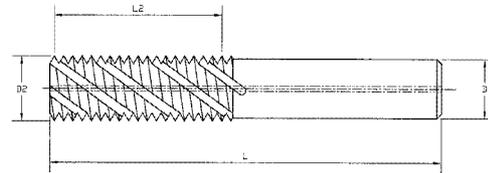
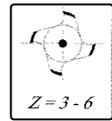
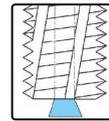
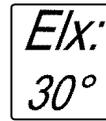
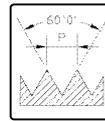
filx 1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TT06285500020	113,00	TT06285500023	129,00
19	8	8	75	21,39	3	17	TT08195500020	127,00	TT08195500023	146,00
19	10	10	80	25,40	4	20	TT10195500020	154,00	TT10195500023	178,00
19	12	12	80	29,41	4	23	TT12195500020	208,00	TT12195500023	240,00
19	14	14	100	33,43	5	26	TT14195500020	248,00	TT14195500023	286,00
14	12	12	80	30,84	4	18	TT12145500020	208,00	TT12145500023	240,00
14	14	14	100	34,47	5	20	TT14145500020	248,00	TT14145500023	286,00
14	16	16	100	38,09	5	22	TT16145500020	286,00	TT16145500023	329,00
14	20	20	105	41,72	5	24	TT20145500020	358,00	TT20145500023	412,00
14	25	25	130	50,79	6	29	TT25145500020	426,00	TT25145500023	491,00
11	20	20	105	41,56	5	19	TT20115500020	358,00	TT20115500023	412,00
11	25	25	130	50,80	6	23	TT25115500020	426,00	TT25115500023	491,00
11	32	32	155	65,00	6	29	TT32115500020	597,00	TT32115500023	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 foro di lubrificazione centrale, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.**
- Solid carbide threading mill, with central coolant hole, for generic workmanship who needs more aggressive cut.**



UN

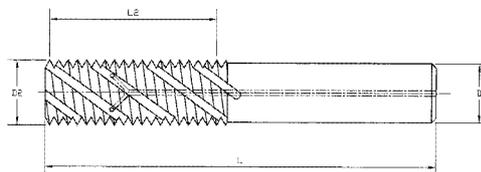
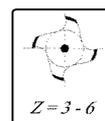
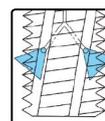
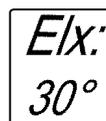
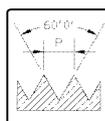
filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	4	6	75	11,79	3	14	TT04286000020	116,00	TT04286000023	129,00
27	6	6	75	19,76	3	22	TT06276000020	116,00	TT06276000023	129,00
24	6	6	75	20,11	3	20	TT06246000020	116,00	TT06246000023	129,00
20	4	6	75	11,43	3	10	TT04206000020	116,00	TT04206000023	129,00
20	8	8	75	21,59	3	18	TT08206000020	127,00	TT08206000023	142,00
18	4.8	6	75	15,52	3	12	TT04818600020	112,00	TT04818600023	124,00
18	10	10	80	25,40	4	19	TT10186000020	160,00	TT10186000023	178,00
18	12	12	80	29,63	4	22	TT12186000020	215,00	TT12186000023	239,00
16	6	6	75	20,64	3	14	TT06166000020	112,00	TT06166000023	124,00
16	12	12	80	30,16	4	20	TT12166000020	215,00	TT12166000023	240,00
16	14	14	100	33,34	5	22	TT14166000020	256,00	TT14166000023	286,00
13	8	8	75	21,49	3	12	TT08136000020	127,00	TT08136000023	142,00
14	8	8	75	21,77	3	13	TT08146000020	127,00	TT08146000023	142,00
14	16	16	100	38,10	5	22	TT16146000020	296,00	TT16146000023	329,00
12	10	10	80	25,40	4	13	TT10126000020	154,00	TT10126000023	171,00
12	16	16	100	38,10	5	19	TT16126000020	296,00	TT16126000023	329,00
12	20	20	105	40,22	5	20	TT20126000020	369,00	TT20126000023	412,00
12	25	25	130	50,80	6	25	TT25126000020	440,00	TT25126000023	491,00
11	10	10	80	25,40	4	12	TT10116000020	154,00	TT10116000023	171,00
10	12	12	80	30,48	4	13	TT12106000020	205,00	TT12106000023	228,00
10	14	14	100	33,02	5	14	TT14106000020	247,00	TT14106000023	274,00
9	16	16	100	36,69	5	14	TT16960000020	284,00	TT16960000023	327,00
8	16	16	100	38,10	5	13	TT16860000020	284,00	TT16860000023	327,00
8	20	20	105	41,28	5	14	TT20860000020	354,00	TT20860000023	394,00
7	20	20	105	39,91	5	12	TT20760000020	354,00	TT20760000023	394,00
6	25	25	130	50,80	6	13	TT25660000020	423,00	TT25660000023	470,00
5	25	25	130	50,80	6	11	TT25560000020	423,00	TT25560000023	470,00
5	32	32	155	66,04	6	14	TT32560000020	618,00	TT32560000023	686,00
4.5	25	25	130	50,80	6	10	TT25456000020	409,00	TT25456000023	454,00
4.5	32	32	155	67,73	6	13	TT32456000020	618,00	TT32456000023	686,00
4	25	25	130	50,80	6	9	TT25460000020	409,00	TT25460000023	454,00
4	32	32	155	63,50	6	11	TT32460000020	618,00	TT32460000023	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, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.**
- Solid carbide threading mill, with lateral coolant holes, for generic workmanship who needs more aggressive cut.**



ISO

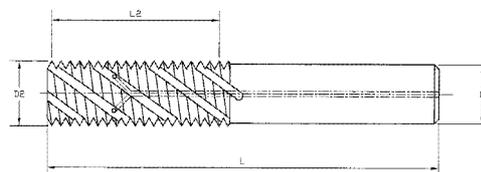
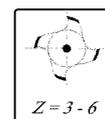
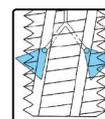
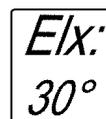
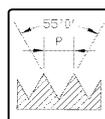
Pmm	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
1.0	6	6	75	20,00	3	21	TT06100000026	145,00	TT06100000027	161,00
1.0	8	8	75	22,00	3	23	TT08100000026	164,00	TT08100000027	183,00
1.0	10	10	80	25,00	4	26	TT10100000026	200,00	TT10100000027	223,00
1.0	12	12	80	30,00	4	31	TT12100000026	270,00	TT12100000027	299,00
1.0	14	14	100	35,00	5	36	TT14100000026	320,00	TT14100000027	355,00
1.0	16	16	100	38,00	5	39	TT16100000026	377,00	TT16100000027	420,00
1.0	20	20	105	41,00	5	42	TT20100000026	461,00	TT20100000027	513,00
1.25	6	6	75	20,00	3	17	TT06125000026	145,00	TT06125000027	161,00
1.25	8	8	75	22,50	3	19	TT08125000026	164,00	TT08125000027	183,00
1.25	10	10	80	25,00	4	21	TT10125000026	200,00	TT10125000027	224,00
1.50	6	6	75	19,50	3	14	TT06150000026	140,00	TT06150000027	155,00
1.50	8	8	75	22,50	3	16	TT08150000026	157,00	TT08150000027	177,00
1.50	10	10	80	25,50	4	18	TT10150000026	192,00	TT10150000027	213,00
1.50	12	12	80	30,00	4	21	TT12150000026	258,00	TT12150000027	288,00
1.50	14	14	100	34,50	5	24	TT14150000026	306,00	TT14150000027	343,00
1.50	16	16	100	37,50	5	26	TT16150000026	361,00	TT16150000027	401,00
1.50	20	20	105	40,50	5	28	TT20150000026	444,00	TT20150000027	493,00
1.50	25	25	130	49,50	6	34	TT25150000026	551,00	TT25150000027	612,00
1.50	32	32	155	65,00	6	44	TT32150000026	680,00	TT32150000027	756,00
1.75	8	8	75	22,75	3	14	TT08175000026	157,00	TT08175000027	177,00
2.0	8	8	75	22,00	3	12	TT08200000026	157,00	TT08200000027	177,00
2.0	10	10	80	26,00	4	14	TT10200000026	192,00	TT10200000027	213,00
2.0	12	12	80	30,00	4	16	TT12200000026	258,00	TT12200000027	288,00
2.0	14	14	100	34,00	5	18	TT14200000026	307,00	TT14200000027	343,00
2.0	16	16	100	38,00	5	20	TT16200000026	361,00	TT16200000027	401,00
2.0	20	20	105	42,00	5	22	TT20200000026	444,00	TT20200000027	493,00
2.0	25	25	130	50,00	6	26	TT25200000026	551,00	TT25200000027	612,00
2.0	32	32	155	66,00	6	34	TT32200000026	680,00	TT32200000027	756,00
2.5	14	14	100	35,00	5	15	TT14250000026	295,00	TT14250000027	341,00
2.5	16	16	100	37,50	5	16	TT16250000026	346,00	TT16250000027	385,00
3.0	16	16	100	39,00	5	14	TT16300000026	346,00	TT16300000027	385,00
3.0	20	20	105	42,00	5	15	TT20300000026	424,00	TT20300000027	472,00
3.0	25	25	130	51,00	6	18	TT25300000026	528,00	TT25300000027	589,00
3.0	32	32	155	66,00	6	23	TT32300000026	653,00	TT32300000027	726,00
3.5	20	20	105	42,00	5	13	TT20350000026	424,00	TT20350000027	472,00
3.5	25	25	130	49,00	6	15	TT25350000026	506,00	TT25350000027	564,00
4.0	25	25	130	48,00	6	13	TT25400000026	506,00	TT25400000027	564,00

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, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.**
- Solid carbide threading mill, with lateral coolant holes, for generic workmanship who needs more aggressive cut.**



GAS

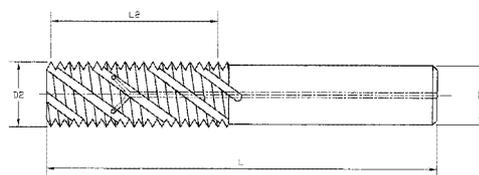
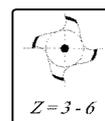
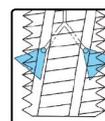
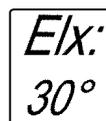
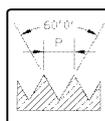
filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TT06285500026	145,00	TT06285500027	161,00
19	8	8	75	21,39	3	17	TT08195500026	164,00	TT08195500027	183,00
19	10	10	80	25,40	4	20	TT10195500026	200,00	TT10195500027	223,00
19	12	12	80	29,41	4	23	TT12195500026	270,00	TT12195500027	299,00
19	14	14	100	33,43	5	26	TT14195500026	320,00	TT14195500027	355,00
14	12	12	80	30,84	4	18	TT12145500026	270,00	TT12145500027	299,00
14	14	14	100	34,47	5	20	TT14145500026	320,00	TT14145500027	355,00
14	16	16	100	38,09	5	22	TT16145500026	377,00	TT16145500027	420,00
14	20	20	105	41,72	5	24	TT20145500026	461,00	TT20145500027	520,00
14	25	25	130	50,79	6	29	TT25145500026	551,00	TT25145500027	612,00
11	20	20	105	41,56	5	19	TT20115500026	461,00	TT20115500027	513,00
11	25	25	130	50,80	6	23	TT25115500026	551,00	TT25115500027	612,00
11	32	32	155	65,00	6	29	TT32115500026	681,00	TT32115500027	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, per lavorazioni generiche ove necessita un tagliente maggiormente aggressivo.**
- Solid carbide threading mill, with lateral coolant holes, for generic workmanship who needs more aggressive cut.**



UN

filx 1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
27	6	6	75	19,76	3	22	TT06276000026	145,00	TT06276000027	161,00
24	6	6	75	20,11	3	20	TT06246000026	145,00	TT06246000027	161,00
20	8	8	75	21,59	3	18	TT08206000026	164,00	TT08206000025	183,00
18	10	10	80	25,40	4	19	TT10186000026	200,00	TT10186000027	223,00
18	12	12	85	29,63	4	22	TT12186000026	270,00	TT12186000027	299,00
16	6	6	75	20,64	3	14	TT06166000026	140,00	TT06166000027	155,00
16	12	12	85	30,16	4	20	TT12166000026	270,00	TT12166000027	299,00
16	14	14	100	33,34	5	22	TT14166000026	320,00	TT14166000027	355,00
13	8	8	75	21,49	3	12	TT08136000026	157,00	TT08136000027	177,00
14	8	8	75	21,77	3	13	TT08146000026	157,00	TT08146000027	177,00
14	16	16	100	38,10	5	22	TT16146000026	377,00	TT16146000027	420,00
12	10	10	80	25,40	4	13	TT10126000026	192,00	TT10126000027	213,00
12	16	16	100	38,10	5	19	TT16126000026	377,00	TT16126000027	420,00
12	20	20	105	40,22	5	20	TT20126000026	444,00	TT20126000027	493,00
12	25	25	130	50,80	6	25	TT25126000026	551,00	TT25126000027	611,00
11	10	10	80	25,40	4	12	TT10116000026	192,00	TT10116000027	213,00
10	12	12	85	30,48	4	13	TT12106000026	258,00	TT12106000027	288,00
10	14	14	100	33,02	5	14	TT14106000026	307,00	TT14106000027	343,00
9	16	16	100	36,69	5	14	TT16960000026	361,00	TT16960000027	401,00
8	16	16	100	38,10	5	13	TT16860000026	361,00	TT16860000027	401,00
8	20	20	105	41,28	5	14	TT20860000026	424,00	TT20860000027	472,00
7	20	20	105	39,91	5	12	TT20760000026	424,00	TT20760000027	472,00
6	25	25	130	50,80	6	13	TT25660000026	528,00	TT25660000027	589,00
5	25	25	130	50,80	6	11	TT25560000026	528,00	TT25560000027	589,00
4.5	25	25	130	50,80	6	10	TT25456000026	506,00	TT25456000027	564,00
4	25	25	130	50,80	6	9	TT25460000026	506,00	TT25460000027	564,00
4	32	32	155	63,50	6	11	TT32460000026	680,00	TT32460000027	756,00
4.5	32	32	155	67,73	6	13	TT32456000026	680,00	TT32456000027	756,00
5	32	32	155	66,04	6	14	TT32560000026	653,00	TT32560000027	726,00

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

30

3

7

18