


TECHNO THREAD
SX®





TIP SX

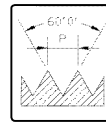
Velocità di taglio e avanzamenti

Cutting speed and feed advance

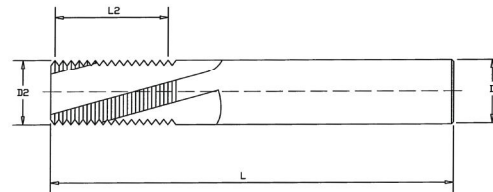
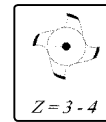
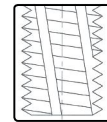
Materiale (Gruppo materiale							
		Non rivestita - Uncoated			Rivestita X-TOP - Coated X-TOP		
		Vc	Fz		Vc	Fz	
1	1.1 Acciaio Dolce Magnetico - Magnetic Soft Iron	40-80	0,04	0,10	70-140	0,04	0,10
	1.2 Acciaio da Costruzione - Structural Case Hardened Steel	40-80	0,04	0,10	70-140	0,04	0,10
	1.3 Acciaio 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	70-100	0,04	0,10	80-150	0,04	0,10
	3.2 Ghisa lamellare trattata - Grey Cast Iron heat treated	70-100	0,04	0,10	80-150	0,04	0,10
	3.3 Ghisa sferoidale - Spher Cast Iron	70-100	0,04	0,10	80-120	0,04	0,10
	3.4 Ghisa sferoidale trattata - Sphere Cast Iron heat treated	60-80	0,03	0,08	70-100	0,03	0,08
	3.5 Ghisa sferoidale trattata - Sphere Cast Iron heat treated	60-80	0,03	0,08	70-100	0,03	0,08
	3.6 Ghisa malleabile - Malleable Iron	60-80	0,03	0,08	70-100	0,03	0,08
	3.7 Ghisa Malleabile trattata - Malleable Iron treated	60-80	0,03	0,08	70-100	0,03	0,08
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 (Ampeco)	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	8.1 Termoplastici - Thermoplastics	80-100	0,04	0,10	90-120	0,04	0,10
	8.2 Plastiche termoindurenti - Thermosettings plastics	80-100	0,04	0,10	90-120	0,04	0,10
	8.3 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=Milin 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.



Elx:
20°



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	TTSX015040021	107,00	TTSX015040022	117,00
0,40	1,8	4	55	4,80	2	13	TTSX018040021	107,00	TTSX018040022	117,00
0,45	1,6	4	55	4,05	2	10	TTSX016045021	107,00	TTSX016045022	117,00
0,45	1,75	4	55	4,95	2	12	TTSX017545021	107,00	TTSX017545022	117,00
0,50	2,3	4	55	5,50	3	10	TTSX023050021	107,00	TTSX023050022	117,00
0,50	3	6	75	7,50	3	16	TTSX030500021	119,00	TTSX030500022	131,00
0,50	4	6	75	10,00	3	21	TTSX040500021	119,00	TTSX040500022	131,00
0,70	3	6	75	7,70	3	12	TTSX030700021	119,00	TTSX030700022	131,00
0,75	3,5	6	75	9,75	3	14	TTSX035075021	119,00	TTSX035075022	131,00
0,80	4	6	75	12,00	3	16	TTSX040800021	119,00	TTSX040800022	131,00
1.0	4.8	6	75	16,00	3	17	TTSX048100021	119,00	TTSX048100022	131,00
1.0	6	6	75	20,00	3	21	TTSX061000021	116,00	TTSX061000022	128,00
1.0	8	8	75	22,00	3	23	TTSX081000021	132,00	TTSX081000022	148,00
1.0	10	10	80	25,00	4	26	TTSX101000021	162,00	TTSX101000022	181,00
1.0	12	12	80	30,00	4	31	TTSX121000021	217,00	TTSX121000022	240,00
1.25	6	6	75	20,00	3	17	TTSX061250021	116,00	TTSX061250022	130,00
1.25	8	8	75	22,50	3	19	TTSX081250021	132,00	TTSX081250022	147,00
1.25	10	10	80	25,00	4	21	TTSX101250021	162,00	TTSX101250022	182,00
1.50	6	6	75	19,50	3	14	TTSX061500021	114,00	TTSX061500022	125,00
1.50	8	8	75	22,50	3	16	TTSX081500021	128,00	TTSX081500022	142,00
1.50	10	10	80	25,50	4	18	TTSX101500021	156,00	TTSX101500022	173,00
1.50	12	12	80	30,00	4	21	TTSX121500021	207,00	TTSX121500022	230,00
1.75	8	8	75	22,75	3	14	TTSX081750021	128,00	TTSX081750022	142,00
2.0	8	8	75	22,00	3	12	TTSX082000021	128,00	TTSX082000022	142,00
2.0	10	10	80	26,00	4	14	TTSX102000021	156,00	TTSX102000022	173,00
2.0	12	12	80	30,00	4	16	TTSX122000021	207,00	TTSX122000022	230,00

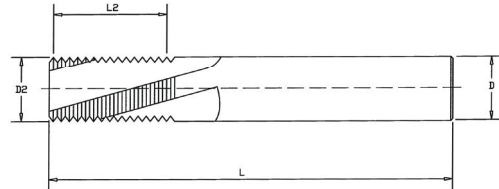
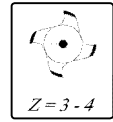
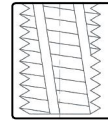
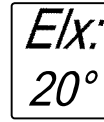
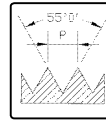
Nota: Z = numero dei taglienti - Zt = numero di creste utili per singolo tagliente

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

TIPO SX



-  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

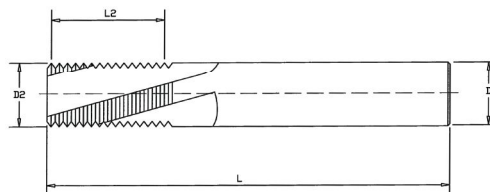
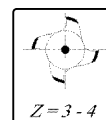
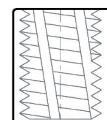
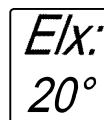
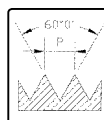
fil x 1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TTSX062855021	119,00	TTSX062855022	131,00
19	8	8	75	21,39	3	17	TTSX081955021	132,00	TTSX081955022	148,00
19	10	10	80	25,40	4	20	TTSX101955021	162,00	TTSX101955022	182,00
19	12	12	80	29,41	4	23	TTSX121955021	217,00	TTSX121955022	240,00
14	12	12	80	30,84	4	18	TTSX121455021	217,00	TTSX121455022	240,00

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- 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

filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
32	3,3	6	75	7,94	3	11	TTSX033326021	119,00	TTSX033326022	131,00
32	3,8	6	75	9,58	3	13	TTSX038326021	119,00	TTSX038326022	131,00
28	4	6	75	11,79	3	14	TTSX042860021	119,00	TTSX042860022	131,00
27	6	6	75	19,76	3	22	TTSX062760021	119,00	TTSX062760022	131,00
24	3	6	75	11,64	3	12	TTSX032460021	119,00	TTSX032460022	131,00
24	6	6	75	20,11	3	20	TTSX062460021	119,00	TTSX062460022	131,00
20	4	6	75	11,43	3	10	TTSX042060021	119,00	TTSX042060022	131,00
20	8	8	75	21,59	3	18	TTSX082060021	132,00	TTSX082060022	144,00
18	4,8	6	75	15,52	3	12	TTSX048186021	119,00	TTSX048186022	131,00
18	10	10	80	25,4	4	19	TTSX101860021	163,00	TTSX101860022	182,00
18	12	12	80	29,63	4	22	TTSX121860021	217,00	TTSX121860022	240,00
16	6	6	75	20,64	3	14	TTSX061660021	114,00	TTSX061660022	125,00
16	12	12	80	30,16	4	20	TTSX121660021	217,00	TTSX121660022	240,00
13	8	8	75	21,49	3	12	TTSX081360021	128,00	TTSX081360022	142,00
14	8	8	75	21,77	3	13	TTSX081460021	128,00	TTSX081460022	142,00
12	10	10	80	25,4	4	13	TTSX101260021	156,00	TTSX101260022	173,00
11	10	10	80	25,4	4	12	TTSX101160021	156,00	TTSX101160022	173,00
10	12	12	80	30,48	4	13	TTSX121060021	207,00	TTSX121060022	230,00

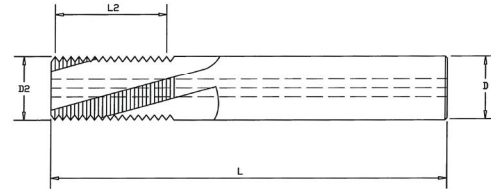
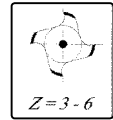
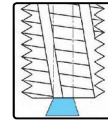
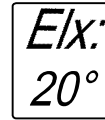
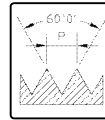
Nota: Z = numero dei taglienti - Zt = numero di creste utili per singolo tagliente

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



Frèse 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.





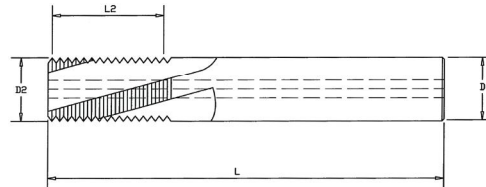
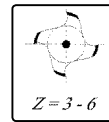
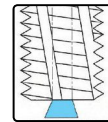
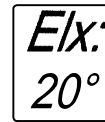
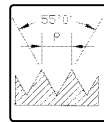
ISO

Pmm	D2	D	L	L2	Z	Zt	Non rivestita Codice	Prezzo €	Rivestita X-TOP Codice	Prezzo €
0.80	4	6	75	12,00	3	16	TTSX040800020	123,00	TTSX040800023	137,00
1.00	4.8	6	75	16,00	3	17	TTSX048100020	123,00	TTSX048100023	137,00
1.00	6	6	75	20,00	3	21	TTSX061000020	123,00	TTSX061000023	137,00
1.00	8	8	75	22,00	3	23	TTSX081000020	139,00	TTSX081000023	155,00
1.00	10	10	80	25,00	4	26	TTSX101000020	170,00	TTSX101000023	189,00
1.00	12	12	80	30,00	4	31	TTSX121000020	228,00	TTSX121000023	255,00
1.00	14	14	100	35,00	5	36	TTSX141000020	272,00	TTSX141000023	304,00
1.00	16	16	100	38,00	5	39	TTSX161000020	314,00	TTSX161000023	349,00
1.00	20	20	105	41,00	5	42	TTSX201000020	391,00	TTSX201000023	437,00
1.25	6	6	75	20,00	3	17	TTSX061250020	123,00	TTSX061250023	137,00
1.25	8	8	75	22,50	3	19	TTSX081250020	140,00	TTSX081250023	155,00
1.25	10	10	80	25,00	4	21	TTSX101250020	170,00	TTSX101250023	189,00
1.50	6	6	75	19,50	3	14	TTSX061500020	119,00	TTSX061500023	132,00
1.50	8	8	75	22,50	3	16	TTSX081500020	135,00	TTSX081500023	151,00
1.50	10	10	80	25,50	4	18	TTSX101500020	163,00	TTSX101500023	181,00
1.50	12	12	80	30,00	4	21	TTSX121500020	228,00	TTSX121500023	254,00
1.50	14	14	100	34,50	5	24	TTSX141500020	271,00	TTSX141500023	304,00
1.50	16	16	100	37,50	5	26	TTSX161500020	314,00	TTSX161500023	349,00
1.50	20	20	105	40,50	5	28	TTSX201500020	391,00	TTSX201500023	437,00
1.50	25	25	130	49,50	6	34	TTSX251500020	466,00	TTSX251500023	521,00
1.50	32	32	155	65,00	6	44	TTSX321500020	655,00	TTSX321500023	728,00
1.75	8	8	75	22,75	3	14	TTSX081750020	135,00	TTSX081750023	151,00
2.00	8	8	75	22,00	3	12	TTSX082000020	135,00	TTSX082000023	151,00
2.00	10	10	80	26,00	4	14	TTSX102000020	163,00	TTSX102000023	181,00
2.00	12	12	85	30,00	4	16	TTSX122000020	217,00	TTSX122000023	240,00
2.00	14	14	100	34,00	5	18	TTSX142000020	263,00	TTSX142000023	291,00
2.00	16	16	100	38,00	5	20	TTSX162000020	301,00	TTSX162000023	336,00
2.00	20	20	105	42,00	5	22	TTSX202000020	391,00	TTSX202000023	437,00
2.00	25	25	130	50,00	6	26	TTSX252000020	466,00	TTSX252000023	521,00
2.00	32	32	155	66,00	6	34	TTSX322000020	655,00	TTSX322000023	728,00
2.50	14	14	100	35,00	5	15	TTSX142500020	263,00	TTSX142500023	291,00
2.50	16	16	100	37,50	5	16	TTSX162500020	301,00	TTSX162500023	336,00
3.00	16	16	100	39,00	5	14	TTSX163000020	290,00	TTSX162300023	322,00
3.00	20	20	105	42,00	5	15	TTSX203000020	376,00	TTSX203000023	418,00
3.00	25	25	130	51,00	6	18	TTSX253000020	445,00	TTSX253000023	500,00
3.00	32	32	155	66,00	6	23	TTSX323000020	630,00	TTSX323000023	700,00
3.50	20	20	105	42,00	5	13	TTSX203500020	364,00	TTSX203500023	405,00
3.50	25	25	130	49,00	6	15	TTSX253500020	434,00	TTSX253500023	481,00
4.00	25	25	130	48,00	6	13	TTSX254000020	424,00	TTSX254000023	472,00

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

fil x 1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TTSX062855020	120,00	TTSX062855023	137,00
19	8	8	75	21,39	3	17	TTSX081955020	135,00	TTSX081955023	155,00
19	10	10	80	25,40	4	20	TTSX101955020	164,00	TTSX101955023	189,00
19	12	12	80	29,41	4	23	TTSX121955020	221,00	TTSX121955023	255,00
19	14	14	100	33,43	5	26	TTSX141955020	263,00	TTSX141955023	304,00
14	12	12	80	30,84	4	18	TTSX121455020	221,00	TTSX121455023	255,00
14	14	14	100	34,47	5	20	TTSX141455020	263,00	TTSX141455023	304,00
14	16	16	100	38,09	5	22	TTSX161455020	303,00	TTSX161455023	349,00
14	20	20	105	41,72	5	24	TTSX201455020	380,00	TTSX201455023	437,00
14	25	25	130	50,79	6	29	TTSX251455020	452,00	TTSX251455023	521,00
11	20	20	105	41,56	5	19	TTSX201155020	380,00	TTSX201155023	437,00
11	25	25	130	50,80	6	23	TTSX251155020	452,00	TTSX251155023	521,00
11	32	32	155	65,00	6	29	TTSX321155020	633,00	TTSX321155023	727,00

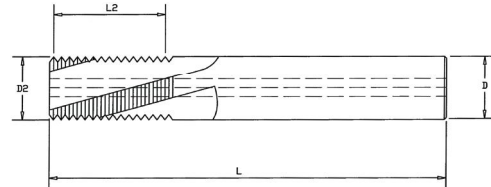
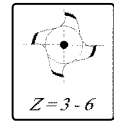
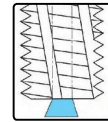
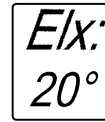
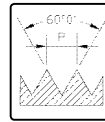
Nota: **Z** = numero dei taglienti - **Zt** = numero di creste utili per singolo tagliente

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

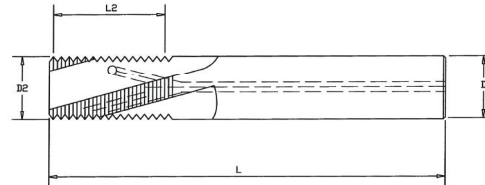
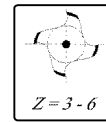
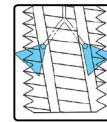
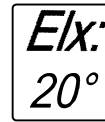
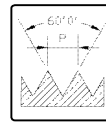
filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	4	6	75	11,79	3	14	TTSX042860020	123,00	TTSX042860023	137,00
27	6	6	75	19,76	3	22	TTSX062760020	123,00	TTSX062760023	137,00
24	6	6	75	20,11	3	20	TTSX062460020	123,00	TTSX062460023	137,00
20	4	6	75	11,43	3	10	TTSX042060020	123,00	TTSX042060023	137,00
20	8	8	75	21,59	3	18	TTSX082060020	135,00	TTSX082060023	151,00
18	4.8	6	75	15,52	3	12	TTSX048186020	119,00	TTSX048186023	132,00
18	10	10	80	25,40	4	19	TTSX101860020	170,00	TTSX101860023	189,00
18	12	12	80	29,63	4	22	TTSX121860020	228,00	TTSX121860023	254,00
16	6	6	75	20,64	3	14	TTSX061660020	119,00	TTSX061660023	132,00
16	12	12	80	30,16	4	20	TTSX121660020	228,00	TTSX121660023	255,00
16	14	14	100	33,34	5	22	TTSX141660020	272,00	TTSX141660023	303,00
13	8	8	75	21,49	3	12	TTSX081360020	135,00	TTSX081360023	151,00
14	8	8	75	21,77	3	13	TTSX081460020	135,00	TTSX081460023	151,00
14	16	16	100	38,10	5	22	TTSX161460020	314,00	TTSX161460023	349,00
12	10	10	80	25,40	4	13	TTSX101260020	164,00	TTSX101260023	182,00
12	16	16	100	38,10	5	19	TTSX161260020	314,00	TTSX161260023	349,00
12	20	20	105	40,22	5	20	TTSX201260020	391,00	TTSX201260023	437,00
12	25	25	130	50,80	6	25	TTSX251260020	467,00	TTSX251260023	521,00
11	10	10	80	25,40	4	12	TTSX101160020	164,00	TTSX101160023	182,00
10	12	12	80	30,48	4	13	TTSX121060020	217,00	TTSX121060023	242,00
10	14	14	100	33,02	5	14	TTSX141060020	262,00	TTSX141060023	291,00
9	16	16	100	36,69	5	14	TTSX169600020	301,00	TTSX169600023	347,00
8	16	16	100	38,10	5	13	TTSX168600020	301,00	TTSX168600023	347,00
8	20	20	105	41,28	5	14	TTSX208600020	375,00	TTSX208600023	418,00
7	20	20	105	39,91	5	12	TTSX207600020	375,00	TTSX207600023	418,00
6	25	25	130	50,80	6	13	TTSX256600020	449,00	TTSX256600023	499,00
5	25	25	130	50,80	6	11	TTSX255600020	449,00	TTSX255600023	499,00
5	32	32	155	66,04	6	14	TTSX325600020	655,00	TTSX325600023	727,00
4.5	25	25	130	50,80	6	10	TTSX254560020	433,00	TTSX254560023	481,00
4.5	32	32	155	67,73	6	13	TTSX324560020	655,00	TTSX324560023	727,00
4	25	25	130	50,80	6	9	TTSX254600020	433,00	TTSX254600023	482,00
4	32	32	155	63,50	6	11	TTSX324600020	655,00	TTSX324600023	727,00

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	TTSX061000026	154,00	TTSX061000027	171,00
1.0	8	8	75	22,00	3	23	TTSX081000026	174,00	TTSX081000027	194,00
1.0	10	10	80	25,00	4	26	TTSX101000026	212,00	TTSX101000027	237,00
1.0	12	12	80	30,00	4	31	TTSX121000026	287,00	TTSX121000027	318,00
1.0	14	14	100	35,00	5	36	TTSX141000026	340,00	TTSX141000027	377,00
1.0	16	16	100	38,00	5	39	TTSX161000026	400,00	TTSX161000027	446,00
1.0	20	20	105	41,00	5	42	TTSX201000026	489,00	TTSX201000027	544,00
1.25	6	6	75	20,00	3	17	TTSX061250026	154,00	TTSX061250027	171,00
1.25	8	8	75	22,50	3	19	TTSX081250026	174,00	TTSX081250027	194,00
1.25	10	10	80	25,00	4	21	TTSX101250026	212,00	TTSX101250027	238,00
1.50	6	6	75	19,50	3	14	TTSX061500026	149,00	TTSX061500027	165,00
1.50	8	8	75	22,50	3	16	TTSX081500026	167,00	TTSX081500027	188,00
1.50	10	10	80	25,50	4	18	TTSX101500026	204,00	TTSX101500027	226,00
1.50	12	12	80	30,00	4	21	TTSX121500026	274,00	TTSX121500027	306,00
1.50	14	14	100	34,50	5	24	TTSX141500026	325,00	TTSX141500027	364,00
1.50	16	16	100	37,50	5	26	TTSX161500026	383,00	TTSX161500027	425,00
1.50	20	20	105	40,50	5	28	TTSX201500026	471,00	TTSX201500027	523,00
1.50	25	25	130	49,50	6	34	TTSX251500026	584,00	TTSX251500027	649,00
1.50	32	32	155	65,00	6	44	TTSX321500026	721,00	TTSX321500027	802,00
1.75	8	8	75	22,75	3	14	TTSX081750026	167,00	TTSX081750027	188,00
2.0	8	8	75	22,00	3	12	TTSX082000026	167,00	TTSX082000027	188,00
2.0	10	10	80	26,00	4	14	TTSX102000026	204,00	TTSX102000027	226,00
2.0	12	12	80	30,00	4	16	TTSX122000026	274,00	TTSX122000027	306,00
2.0	14	14	100	34,00	5	18	TTSX142000026	325,00	TTSX142000027	364,00
2.0	16	16	100	38,00	5	20	TTSX162000026	383,00	TTSX162000027	425,00
2.0	20	20	105	42,00	5	22	TTSX202000026	471,00	TTSX202000027	523,00
2.0	25	25	130	50,00	6	26	TTSX252000026	584,00	TTSX252000027	649,00
2.0	32	32	155	66,00	6	34	TTSX322000026	721,00	TTSX322000027	802,00
2.5	14	14	100	35,00	5	15	TTSX142500026	313,00	TTSX142500027	362,00
2.5	16	16	100	37,50	5	16	TTSX162500026	367,00	TTSX162500027	408,00
3.0	16	16	100	39,00	5	14	TTSX163000026	367,00	TTSX163000027	408,00
3.0	20	20	105	42,00	5	15	TTSX203000026	450,00	TTSX203000027	501,00
3.0	25	25	130	51,00	6	18	TTSX253000026	560,00	TTSX253000027	625,00
3.0	32	32	155	66,00	6	23	TTSX323000026	692,00	TTSX323000027	770,00
3.5	20	20	105	42,00	5	13	TTSX203500026	450,00	TTSX203500027	501,00
3.5	25	25	130	49,00	6	15	TTSX253500026	537,00	TTSX253500027	598,00
4.0	25	25	130	48,00	6	13	TTSX254000026	537,00	TTSX254000027	598,00

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

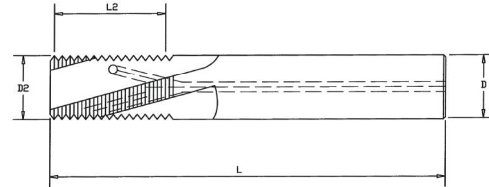
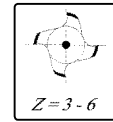
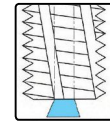
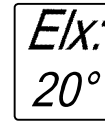
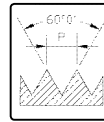
Altri diametri e misure a richiesta Other size are available on request

TIPO SX



 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

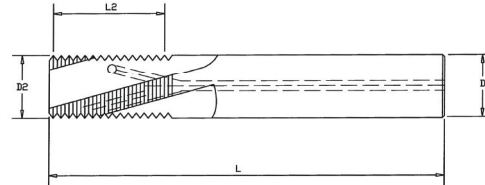
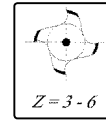
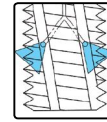
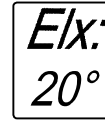
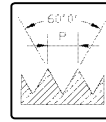
filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
28	6	6	75	19,95	3	23	TTSX062855026	154,00	TTSX062855027	171,00
19	8	8	75	21,39	3	17	TTSX081955026	174,00	TTSX081955027	194,00
19	10	10	80	25,40	4	20	TTSX101955026	212,00	TTSX101955027	234,00
19	12	12	80	29,41	4	23	TTSX121955026	286,00	TTSX121955027	317,00
19	14	14	100	33,43	5	26	TTSX141955026	340,00	TTSX141955027	377,00
14	12	12	80	30,84	4	18	TTSX121455026	286,00	TTSX121455027	317,00
14	14	14	100	34,47	5	20	TTSX141455026	340,00	TTSX141455027	377,00
14	16	16	100	38,09	5	22	TTSX161455026	400,00	TTSX161455027	445,00
14	20	20	105	41,72	5	24	TTSX201455026	489,00	TTSX201455027	551,00
14	25	25	130	50,79	6	29	TTSX251455026	584,00	TTSX251455027	649,00
11	20	20	105	41,56	5	19	TTSX201155026	489,00	TTSX201155027	551,00
11	25	25	130	50,80	6	23	TTSX251155026	584,00	TTSX251155027	649,00
11	32	32	155	65,00	6	29	TTSX321155026	722,00	TTSX321155027	802,00

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

filx1"	D2	D	L	L2	Z	Zt	Non rivestita	Prezzo	Rivestita X-TOP	Prezzo
							Codice	€	Codice	€
27	6	6	75	19,76	3	22	TTSX062760026	154,00	TTSX062760027	171,00
24	6	6	75	20,11	3	20	TTSX062460026	154,00	TTSX062460027	171,00
20	8	8	75	21,59	3	18	TTSX082060026	174,00	TTSX082060027	194,00
18	10	10	80	25,40	4	19	TTSX101860026	212,00	TTSX101860027	236,00
18	12	12	85	29,63	4	22	TTSX121860026	287,00	TTSX121860027	318,00
16	6	6	75	20,64	3	14	TTSX061660026	149,00	TTSX061660027	165,00
16	12	12	85	30,16	4	20	TTSX121660026	287,00	TTSX121660027	318,00
16	14	14	100	33,34	5	22	TTSX141660026	340,00	TTSX141660027	377,00
13	8	8	75	21,49	3	12	TTSX081360026	167,00	TTSX081360027	188,00
14	8	8	75	21,77	3	13	TTSX081460026	167,00	TTSX081460027	188,00
14	16	16	100	38,10	5	22	TTSX161460026	400,00	TTSX161460027	446,00
12	10	10	80	25,40	4	13	TTSX101260026	204,00	TTSX101260027	226,00
12	16	16	100	38,10	5	19	TTSX161260026	400,00	TTSX161260027	446,00
12	20	20	105	40,22	5	20	TTSX201260026	471,00	TTSX201260027	523,00
12	25	25	130	50,80	6	25	TTSX251260026	584,00	TTSX251260027	648,00
11	10	10	80	25,40	4	12	TTSX101160026	204,00	TTSX101160027	226,00
10	12	12	85	30,48	4	13	TTSX121060026	273,00	TTSX121060027	306,00
10	14	14	100	33,02	5	14	TTSX141060026	326,00	TTSX141060027	364,00
9	16	16	100	36,69	5	14	TTSX169600026	383,00	TTSX169600027	425,00
8	16	16	100	38,10	5	13	TTSX168600026	383,00	TTSX168600027	425,00
8	20	20	105	41,28	5	14	TTSX208600026	450,00	TTSX208600027	501,00
7	20	20	105	39,91	5	12	TTSX207600026	450,00	TTSX207600027	501,00
6	25	25	130	50,80	6	13	TTSX256600026	560,00	TTSX256600027	625,00
5	25	25	130	50,80	6	11	TTSX255600026	560,00	TTSX255600027	625,00
4.5	25	25	130	50,80	6	10	TTSX254560026	537,00	TTSX254560027	598,00
4	25	25	130	50,80	6	9	TTSX254600026	537,00	TTSX254600027	598,00
4	32	32	155	63,50	6	11	TTSX324600026	721,00	TTSX324600027	802,00
4.5	32	32	155	67,73	6	13	TTSX324560026	721,00	TTSX324560027	802,00
5	32	32	155	66,04	6	14	TTSX325600026	693,00	TTSX325600027	770,00

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

