

TECHNO THREAD
HPT®



**fluita e smussa
TIPONNA**

Velocità di taglio e avanzamenti

Cutting speed and feed advance

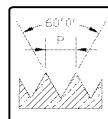
Materiale	Gruppo materiale						
		Non rivestita - Uncoated		Rivestita X-TOP - Coated X-TOP			
		Vc	Fz	Vc	Fz		
1	1.1 Acciaio Dolce Magnetico - Magnetic Soft Iron						
	1.2 Acciaio da Costruzione - Structural Case Hardened Steel						
	1.3 Acciaio al Carbonio - Carbon Steel						
	1.4 Acciaio Legato - 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 - Spnere 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 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	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.

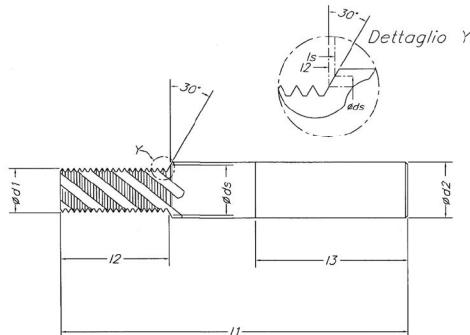
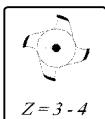
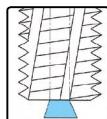
VC=Cutting speed in mm. Fz=Milin feed in mm/tooth.



- Frese a filettare e smussare in metallo duro integrale, gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.
- Solid carbide threading and chamfering mill, mirror lapped groove, for the workmanship of aluminum, titanium and inox.



$E/x:$
 40°



MA 1.5 x Ø

M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Prezzo	Rivestita ALU-TOP	Prezzo
5	0.80	55	7.6	36	6.00	4	5.3	7.95	3	TTFS050800030	125,00	TTFS050800032	139,00
6	1.00	62	9.5	36	8.00	4.8	6.3	9.90	3	TTFS061000030	132,00	TTFS061000032	146,00
8	1.25	74	13.1	40	10.00	6.5	8.3	13.60	3	TTFS081250030	159,00	TTFS081250032	177,00
10	1.50	80	15.8	45	12.00	8.2	10.3	16.30	3	TTFS101500030	215,00	TTFS101500032	237,00
12	1.75	90	17.9	45	14.00	9.9	12.3	18.50	4	TTFS121750030	255,00	TTFS121750032	282,00
14	2.00	100	23	48	16.00	11.6	14.3	23.70	4	TTFS142000030	296,00	TTFS142000032	328,00
16	2.00	102	25	48	18.00	11.6	16.3	25.70	4	TTFS162000030	333,00	TTFS162000032	368,00

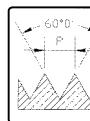
MA 2 x Ø

M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Prezzo	Rivestita ALU-TOP	Prezzo
5	0.80	55	10.8	36	6.00	4	5.3	11.15	3	TTFS050800031	151,00	TTFS050800033	168,00
6	1.00	62	12.5	36	8.00	4.8	6.3	12.90	3	TTFS061000031	157,00	TTFS061000033	175,00
8	1.25	74	16.9	40	10.00	6.5	8.3	17.4	3	TTFS081250031	191,00	TTFS081250033	212,00
10	1.50	80	20.3	45	12.00	8.2	10.3	20.8	3	TTFS101500031	257,00	TTFS101500033	284,00
12	1.75	90	25.4	45	14.00	9.9	12.3	26.00	4	TTFS121750031	306,00	TTFS121750033	338,00
14	2.00	100	29	48	16.00	11.6	14.3	29.70	4	TTFS142000031	355,00	TTFS142000033	393,00
16	2.00	102	33	48	18.00	13.6	16.3	33.70	4	TTFS162000031	400,00	TTFS162000033	444,00

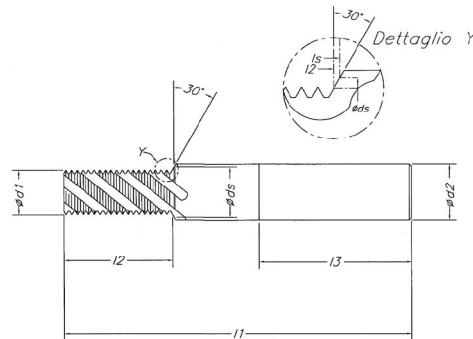
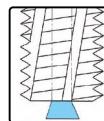
Nota: Z = numero dei taglienti

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

- Frese a filettare e smussare in metallo duro integrale, gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.
- Solid carbide threading and chamfering mill, mirror lapped groove, for the workmanship of aluminum, titanium and inox.



E/x:
40°



MF 1.5 x Ø

M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Prezzo	Rivestita ALU-TOP	Prezzo
6	0.75	62	9.4	36	8.00	5	6.3	9.80	3	TTFS060750034	132,00	TTFS060750036	146,00
8	1.00	74	12.5	40	10.00	6.7	8.3	12.95	3	TTFS081000034	159,00	TTFS081000036	177,00
10	1.00	80	15.5	45	12.00	8.7	10.3	15.95	3	TTFS101000034	215,00	TTFS101000036	237,00
10	1.25	80	15.6	45	12.00	8.4	10.3	16.15	3	TTFS101250034	215,00	TTFS101250036	237,00
12	1.00	90	18.5	45	14.00	10.6	12.3	19.00	4	TTFS121000034	255,00	TTFS121000036	282,00
12	1.25	90	18.1	45	14.00	10.4	12.3	18.65	4	TTFS121250034	255,00	TTFS121250036	282,00
12	1.50	90	18.75	45	14.00	10.1	12.3	19.40	4	TTFS121500034	255,00	TTFS121500036	282,00
14	1.50	100	21.75	48	16.00	12.1	14.3	22.40	4	TTFS141500034	296,00	TTFS141500036	328,00
16	1.50	102	24.8	48	18.00	14	16.3	25.45	4	TTFS161500034	333,00	TTFS161500036	368,00

MF 2 x Ø

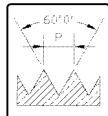
M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Prezzo	Rivestita ALU-TOP	Prezzo
6	0.75	62	12.4	36	8.00	5	6.3	12.80	3	TTFS060750035	157,00	TTFS060750037	175,00
8	1.00	74	16.5	40	10.00	6.7	8.3	16.95	3	TTFS081000035	191,00	TTFS081000037	212,00
10	1.00	80	20.5	45	12.00	8.7	10.3	20.95	3	TTFS101000035	257,00	TTFS101000037	284,00
10	1.25	80	20.6	45	12.00	8.4	10.3	21.15	3	TTFS101250035	257,00	TTFS101250037	284,00
12	1.00	90	24.5	45	14.00	10.6	12.3	25.00	4	TTFS121000035	306,00	TTFS121000037	338,00
12	1.25	90	24.35	45	14.00	10.4	12.3	24.90	4	TTFS121250035	306,00	TTFS121250037	338,00
12	1.50	90	24.75	45	14.00	10.1	12.3	25.40	4	TTFS121500035	306,00	TTFS121500037	338,00
14	1.50	100	29.25	48	16.00	12.1	14.3	29.90	4	TTFS141500035	355,00	TTFS141500037	393,00
16	1.50	102	32.25	48	18.00	14	16.3	32.90	4	TTFS161500035	400,00	TTFS161500037	444,00

Nota: Z = numero dei taglienti

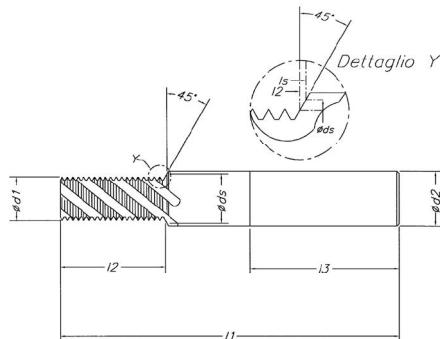
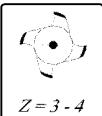
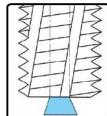
Altri diametri e misure a richiesta • Other size are available on request



- Frese a filettare e smussare in metallo duro integrale, gola lappata a specchio.**
Lavorazione di alluminio, leghe di titanio e inox.
 Solid carbide threading and chamfering mill, mirror lapped groove, for the workmanship of aluminum, titanium and inox.



E/x:
40°



MA 1.5 x Ø

M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Non rivestita Prezzo	Rivestita ALU-TOP Prezzo
5	0.80	55	7.55	36	6.00	4	5.3	8.15	3	TTFS050800038	125,00	TTFS050800040 139,00
6	1.00	62	9.4	36	8.00	4.8	6.3	10.15	3	TTFS061000038	132,00	TTFS061000040 146,00
8	1.25	74	13.05	40	10.00	6.5	8.3	13.95	3	TTFS081250038	159,00	TTFS081250040 177,00
10	1.50	80	15.65	45	12.00	8.2	10.3	16.70	3	TTFS101500038	215,00	TTFS101500040 237,00
12	1.75	90	18.25	45	14.00	9.9	12.3	19.45	4	TTFS121750038	255,00	TTFS121750040 282,00
14	2.00	100	22.85	48	16.00	11.6	14.3	24.2	4	TTFS142000038	296,00	TTFS142000040 328,00
16	2.00	102	24.85	48	18.00	13.6	16.3	26.20	4	TTFS162000038	333,00	TTFS162000040 368,00

MA 2 x Ø

M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Non rivestita Prezzo	Rivestita ALU-TOP Prezzo
5	0.80	55	10.75	36	6.00	4	5.3	11.35	3	TTFS050800039	151,00	TTFS050800041 168,00
6	1.00	62	12.4	36	8.00	4.8	6.3	13.15	3	TTFS061000039	157,00	TTFS061000041 175,00
8	1.25	74	16.8	40	10.00	6.5	8.3	17.65	3	TTFS081250039	191,00	TTFS081250041 212,00
10	1.50	80	20.15	45	12.00	8.2	10.3	21.20	3	TTFS101500039	257,00	TTFS101500041 284,00
12	1.75	90	25.25	45	14.00	9.9	12.3	26.45	4	TTFS121750039	306,00	TTFS121750041 338,00
14	2.00	100	28.85	48	16.00	11.6	14.3	30.20	4	TTFS142000039	355,00	TTFS142000041 393,00
16	2.00	102	32.85	48	18.00	13.6	16.3	34.20	4	TTFS162000039	400,00	TTFS162000041 444,00

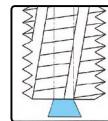
Nota: Z = numero dei taglienti

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

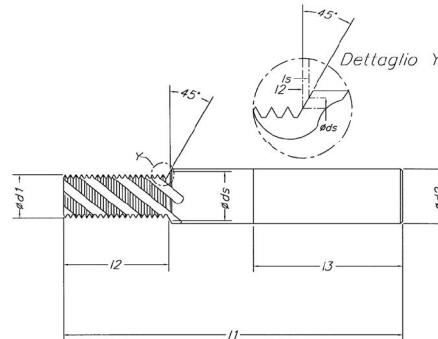
- Frese a filettare e smussare in metallo duro integrale,
gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.
- Solid carbide threading and chamfering mill,
mirror lapped groove, for the workmanship of aluminum,
titanium and inox.



E/x:
40°



Z = 3 - 4



MF 1.5 x Ø

M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Non rivestita Prezzo	Rivestita ALU-TOP Prezzo
6	0.75	62	9.3	36	8.00	5	6.3	9.95	3	TTFS060750042	132,00	TTFS060750044 146,00
8	1.00	74	12.4	40	10.00	6.7	8.3	13.20	3	TTFS081000042	159,00	TTFS081000044 177,00
10	1.00	80	15.4	45	12.00	8.7	10.3	16.20	3	TTFS101000042	215,00	TTFS101000044 237,00
10	1.25	80	15.9	45	12.00	8.4	10.3	16.65	3	TTFS101250042	215,00	TTFS101250044 237,00
12	1.00	90	18.4	45	14.00	10.6	12.3	19.25	4	TTFS121000042	255,00	TTFS121000044 282,00
12	1.25	90	18.3	45	14.00	10.4	12.3	19.10	4	TTFS121250042	255,00	TTFS121250044 282,00
12	1.50	90	18.65	45	14.00	10.1	12.3	19.70	4	TTFS121500042	255,00	TTFS121500044 282,00
14	1.50	100	21.65	48	16.00	12.1	14.3	22.75	4	TTFS141500042	296,00	TTFS141500044 328,00
16	1.50	102	24.65	48	18.00	14	16.3	25.75	4	TTFS161500042	333,00	TTFS161500044 368,00

MF 2 x Ø

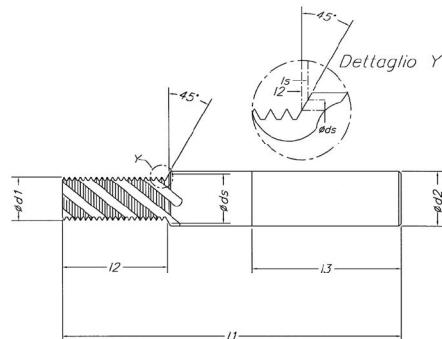
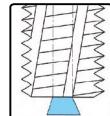
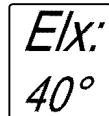
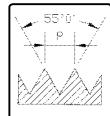
M	P	I1	I2	I3	d2	d1	ds	ls	Z	Codice	Non rivestita Prezzo	Rivestita ALU-TOP Prezzo
6	0.75	62	12.3	36	8.00	5	6.3	12.95	3	TTFS060750043	161,00	TTFS060750045 175,00
8	1.00	74	16.4	40	10.00	6.7	8.3	17.2	3	TTFS081000043	196,00	TTFS081000045 212,00
10	1.00	80	20.4	45	12.00	8.7	10.3	21.2	3	TTFS101000043	264,00	TTFS101000045 284,00
10	1.25	80	20.8	45	12.00	8.4	10.3	21.6	3	TTFS101250043	264,00	TTFS101250045 284,00
12	1.00	90	24.4	45	14.00	10.6	12.3	25.25	4	TTFS121000043	315,00	TTFS121000045 338,00
12	1.25	90	24.30	45	14.00	10.4	12.3	25.2	4	TTFS121250043	315,00	TTFS121250045 338,00
12	1.50	90	24.65	45	14.00	10.1	12.3	25.7	4	TTFS121500043	315,00	TTFS121500045 338,00
14	1.50	100	29.15	48	16.00	12.1	14.3	30.25	4	TTFS141500043	355,00	TTFS141500045 393,00
16	1.50	102	32.15	48	18.00	14	16.3	33.25	4	TTFS161500043	400,00	TTFS161500045 444,00

Nota: Z = numero dei taglienti

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



- Frese a filettare e smussare in metallo duro integrale, gola lappata a specchio.
Lavorazione di alluminio, leghe di titanio e inox.
- Solid carbide threading and chamfering mill, mirror lapped groove, for the workmanship of aluminum, titanium and inox.



GAS 1.5 x Ø

ØDmin filx1"	I1	I2	I3	d2	d1	ds	ls	Z	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo	
									Codice	€	Codice	€	
1/8	28.00	80	14.86	45	12.00	8.2	10	15.76	3	TTFS1/8GAS046	215,00	TTFS1/8GAS048	237,00
1/4	19.00	100	20.57	48	16.00	11	13.5	21.82	4	TTFS1/4GAS046	296,00	TTFS1/4GAS048	328,00
3/8	19.00	102	25.92	48	18.00	14.5	17	27.17	4	TTFS3/8GAS046	333,00	TTFS3/8GAS048	368,00

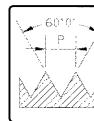
GAS 2 x Ø

ØDmin filx1"	I1	I2	I3	d2	d1	ds	ls	Z	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo	
									Codice	€	Codice	€	
1/8	28.00	80	19.86	45	12.00	8.2	10	20.76	3	TTFS1/8GAS047	257,00	TTFS1/8GAS049	284,00
1/4	19.00	100	27.25	48	16.00	11	13.5	28.50	4	TTFS1/4GAS047	342,00	TTFS1/4GAS049	355,00
3/8	19.00	102	33.94	48	18.00	14.5	17	35.19	4	TTFS3/8GAS047	385,00	TTFS3/8GAS049	400,00

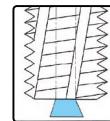
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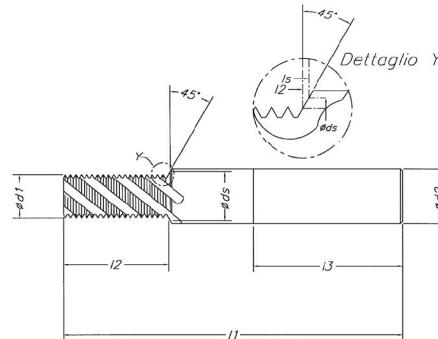
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Lavorazione di alluminio, leghe di titanio e inox.
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E/x:
40°



Z = 3-5



UNC 1.5 x Ø

ØDmin filx1"	I1	I2	I3	d2	d1	ds	ls	Z	Non rivestita		Prezzo Rivestita ALU-TOP Prezzo		
									Codice	€	Codice	€	
n°12	24	62	8.96	36	8.00	4.15	5.79	9.75	3	TTFS12UNC0050	132,00	TTFS12UNC0052	146,00
1/4	20	62	10.76	36	8.00	4.7	6.65	11.67	3	TTFS1/4UNC050	132,00	TTFS1/4UNC052	146,00
5/16	18	74	13.36	40	10.00	6.15	8.25	14.36	3	TTFS5/16UNC50	191,00	TTFS5/16UNC52	212,00
3/8	16	80	15.04	45	12.00	7.95	9.83	16.14	3	TTFS3/8UNC050	215,00	TTFS3/8UNC052	237,00
7/16	14	80	17.18	45	12.00	9	11.43	18.42	3	TTFS7/16UNC50	215,00	TTFS7/16UNC52	237,00
1/2	13	90	20.46	45	14.00	10.35	13	21.78	4	TTFS1/2UNC050	255,00	TTFS1/2UNC052	282,00
9/16	12	100	22.16	48	16.00	11.8	14.61	23.59	4	TTFS9/16UNC50	296,00	TTFS9/16UNC52	328,00
5/8	11	102	24.18	48	18.00	13.1	16.18	25.71	4	TTFS5/8UNC050	333,00	TTFS5/8UNC052	368,00
3/4	10	110	29.13	50	20.00	16	19.35	30.81	5	TTFS3/4UNC050	362,00	TTFS3/4UNC052	401,00

UNC 2 x Ø

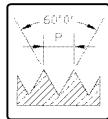
ØDmin filx1"	I1	I2	I3	d2	d1	ds	ls	Z	Non rivestita		Prezzo Rivestita ALU-TOP Prezzo		
									Codice	€	Codice	€	
n°12	24	62	11.08	36	8.00	4.15	5.79	11.86	3	TTFS12UNC0051	157,00	TTFS12UNC0053	175,00
1/4	20	62	13.3	36	8.00	4.7	6.65	14.21	3	TTFS1/4UNC051	157,00	TTFS1/4UNC053	175,00
5/16	18	74	16.18	40	10.00	6.15	8.25	17.18	3	TTFS5/16UNC51	191,00	TTFS5/16UNC53	212,00
3/8	16	80	19.8	45	12.00	7.95	9.83	20.91	3	TTFS3/8UNC051	257,00	TTFS3/8UNC053	284,00
7/16	14	80	22.62	45	12.00	9	11.43	23.86	3	TTFS7/16UNC51	257,00	TTFS7/16UNC53	284,00
1/2	13	90	26.32	45	14.00	10.35	13	27.64	4	TTFS1/2UNC051	306,00	TTFS1/2UNC053	338,00
9/16	12	100	30.63	48	16.00	11.8	14.61	32.05	4	TTFS9/16UNC51	355,00	TTFS9/16UNC53	393,00
5/8	11	102	33.41	48	18.00	13.1	16.18	34.95	4	TTFS5/8UNC051	400,00	TTFS5/8UNC053	444,00
3/4	10	110	39.29	50	20.00	16	19.35	40.97	5	TTFS3/4UNC051	435,00	TTFS3/4UNC053	481,00

Nota: Z = numero dei taglienti

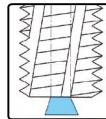
Altri diametri e misure a richiesta • Other size are available on request



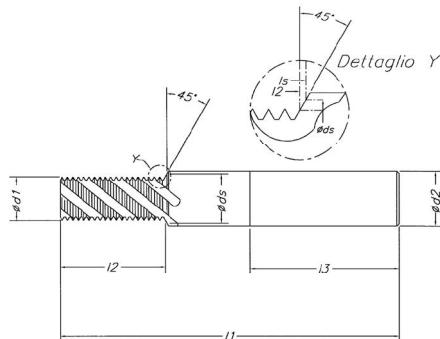
- Frese a filettare e smussare in metallo duro integrale, gola lappata a specchio.**
Lavorazione di alluminio, leghe di titanio e inox.
 Solid carbide threading and chamfering mill, mirror lapped groove, for the workmanship of aluminum, titanium and inox.



**E/x:
40°**



Z = 3 - 5



UNF 1.5 x Ø

ØDmin filx1"	I1	I2	I3	d2	d1	ds	ls	Z	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo	
									Codice	€	Codice	€	
n°12	28	62	8.59	36	8.00	4.3	5.79	9.29	3	TTFS12UNF0054	132,00	TTFS12UNF0056	146,00
1/4	28	62	10.4	36	8.00	5.15	6.65	11.11	3	TTFS1/4UNF054	132,00	TTFS1/4UNF056	146,00
5/16	24	74	12.14	40	10.00	6.6	8.25	12.94	3	TTFS5/16UNF54	159,00	TTFS5/16UNF56	177,00
3/8	24	80	14.25	45	12.00	8.2	9.83	15.07	3	TTFS3/8UNF054	215,00	TTFS3/8UNF056	237,00
7/16	20	80	17.11	45	12.00	9.55	11.43	19.06	3	TTFS7/16UNF54	215,00	TTFS7/16UNF56	237,00
1/2	20	90	19.65	45	14.00	11.1	13	20.61	4	TTFS1/2UNF054	255,00	TTFS1/2UNF056	282,00
9/16	18	100	21.83	48	16.00	12.5	14.61	22.88	4	TTFS9/16UNF54	296,00	TTFS9/16UNF56	328,00
5/8	18	102	24.65	48	18.00	14.1	16.18	25.72	4	TTFS5/8UNF054	333,00	TTFS5/8UNF056	368,00
3/4	16	110	29.33	50	20.00	17	19.35	30.52	5	TTFS3/4UNF054	362,00	TTFS3/4UNF056	401,00

UNF 2 x Ø

ØDmin filx1"	I1	I2	I3	d2	d1	ds	ls	Z	Non rivestita	Prezzo	Rivestita ALU-TOP	Prezzo	
									Codice	€	Codice	€	
n°12	28	62	11.31	36	8.00	4.3	5.79	12.01	3	TTFS12UNF0055	157,00	TTFS12UNF0057	175,00
1/4	28	62	13.12	36	8.00	5.15	6.65	13.83	3	TTFS1/4UNF055	157,00	TTFS1/4UNF057	175,00
5/16	24	74	16.37	40	10.00	6.6	8.25	17.17	3	TTFS5/16UNF55	191,00	TTFS5/16UNF57	212,00
3/8	24	80	19.54	45	12.00	8.2	9.83	20.36	3	TTFS3/8UNF055	257,00	TTFS3/8UNF057	284,00
7/16	20	80	22.19	45	12.00	9.55	11.43	23.14	3	TTFS7/16UNF55	257,00	TTFS7/16UNF57	284,00
1/2	20	90	26	45	14.00	11.1	13	26.96	4	TTFS1/2UNF055	306,00	TTFS1/2UNF057	337,00
9/16	18	100	28.88	48	16.00	12.5	14.61	29.94	4	TTFS9/16UNF55	355,00	TTFS9/16UNF57	393,00
5/8	18	102	33.12	48	18.00	14.1	16.18	34.14	4	TTFS5/8UNF055	400,00	TTFS5/8UNF057	444,00
3/4	16	110	38.86	50	20.00	17	19.35	40.05	5	TTFS3/4UNF055	435,00	TTFS3/4UNF057	481,00

Nota: **Z** = numero dei taglienti

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

