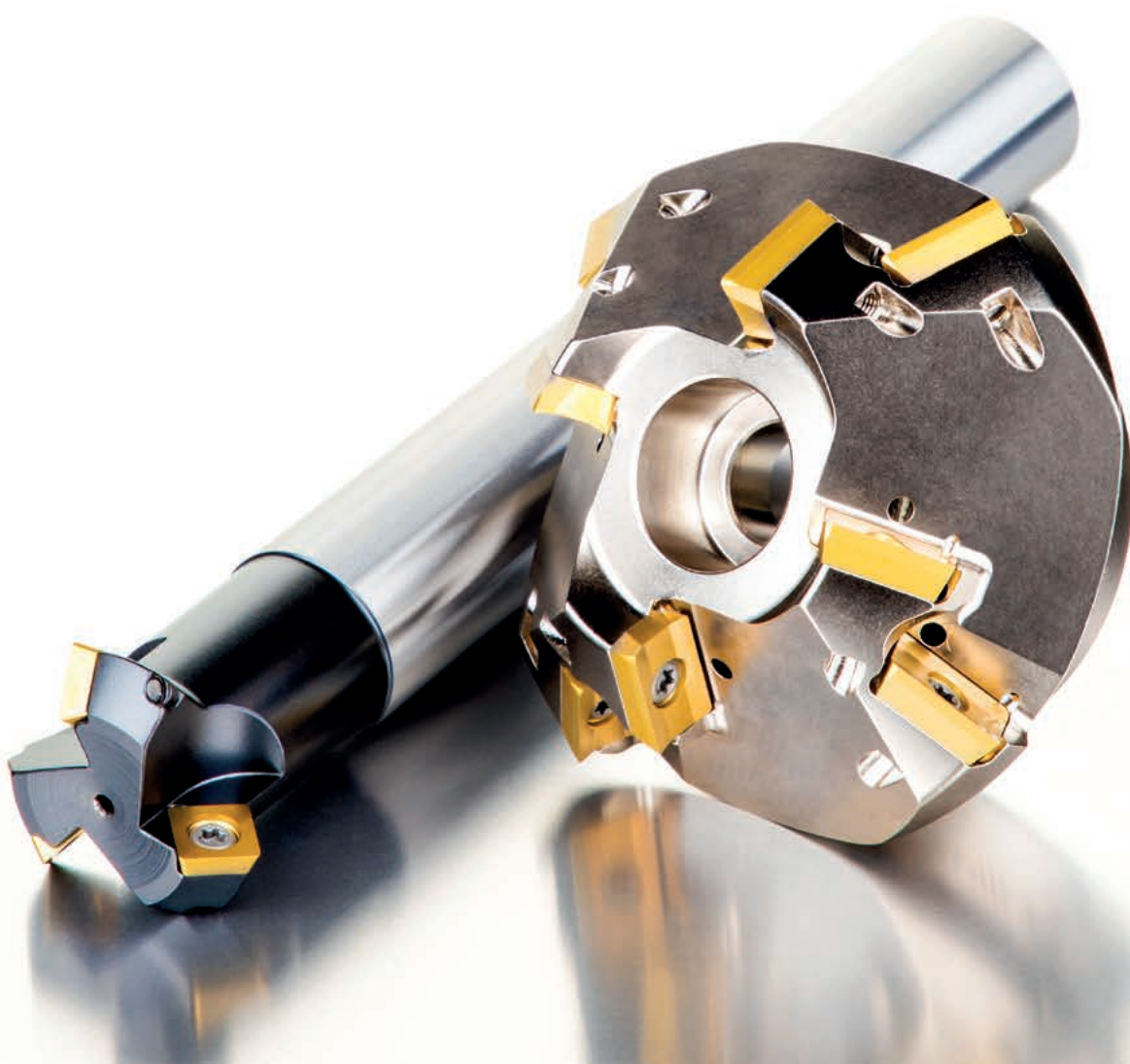




SMUSSATURA



SPIANATURA

[illegible]

■ Uso primario ▣ Uso possibile

SSD09

P

M

K

S

H

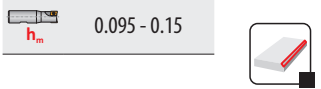
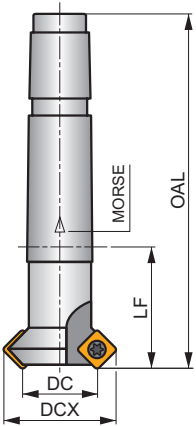
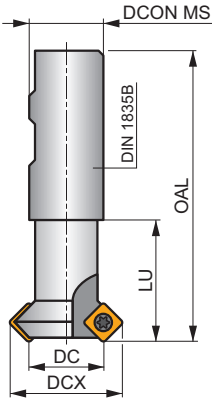
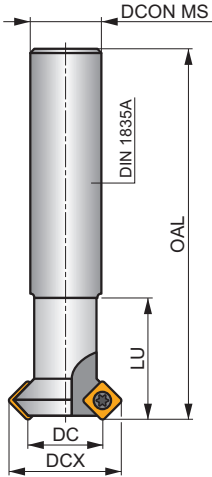
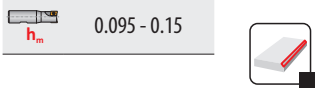
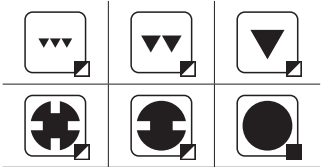
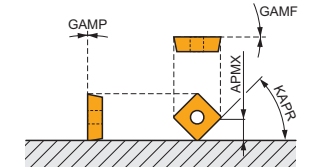
PRAMET

S



Fresa per smussi a 45° con inserti quadrati SD .. 09
Fresa per smussi a 45° che utilizza inserti positivi SD .. 09 con APMX di 4.5 mm. Adatta per smussatura laterale anteriore e posteriore. Disponibile con codolo cilindrico, Weldon e cono morse. Corpo trattato per una maggiore durata dell'utensile.

KAPR	45°
APMX	4.5 mm



Codice prodotto	DC	DCX	OAL	DCON MS	LU	LF	CZC MS	GAMF	GAMP						
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		(°)	(°)						
 16N2R027A16-SSD09	16	28	200	16	27	—	—	0	0	2	—	32200	—	0.34	GI129 C0070
 25N3R042A25-SSD09	25	37	200	25	42	—	—	0	0	3	—	25800	—	0.77	GI129 CH011
 10N1R027B16-SSD09-A	10	22	75	16	27	—	—	0	0	1	—	40700	—	0.13	GI129 C0070
 16N2R027B16-SSD09-A	16	28	75	16	27	—	—	0	0	2	—	32200	—	0.14	GI129 C0070
 25N3R042B25-SSD09-A	25	37	98	25	42	—	—	0	0	3	—	25800	—	0.37	GI129 CH011
 16N2R030E02-SSD09-A	16	28	94	—	—	30	2	0	0	2	—	32200	—	0.14	GI129 C0070
 25N3R043E03-SSD09-A	25	37	124	—	—	43	3	0	0	3	—	25800	—	0.38	GI129 CH011

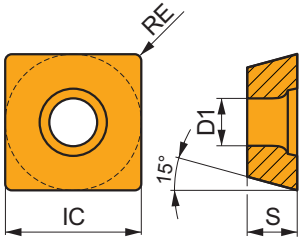
		
GI129	SDEW 0903..	SDEX 0903..

					
C0070	US 3507-T15	3.0	M 3.5	7	Flag T15
CH011	US 3509-T15	3.0	M 3.5	9	Flag T15

SDEW 09

PRAMET

	IC	D1	S
	(mm)	(mm)	(mm)
0903	9.525	4.40	3.18



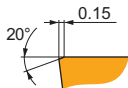
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)



EN geometria con angolo di spoglia superiore del tagliente a zero gradi per la fresatura di smussi a 45°.

SDEW 090308EN:M8330		0.8		235	0.10	4.5		—	—	—		220	0.10	4.5		—	—	—		—	—	—		45	0.09	0.7
SDEW 090308EN:M8340		0.8		210	0.10	4.5		—	—	—		195	0.10	4.5		—	—	—		—	—	—		—	—	—



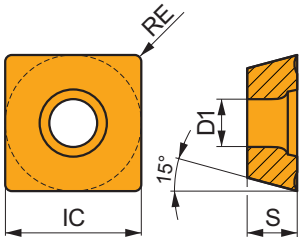
SN geometria con angolo di spoglia superiore del tagliente a zero gradi per la fresatura di smussi a 45°.

SDEW 090308SN:M8330		0.8		215	0.15	4.5		—	—	—		200	0.15	4.5		—	—	—		—	—	—		40	0.11	0.7
SDEW 090308SN:M8340		0.8		195	0.15	4.5		—	—	—		185	0.15	4.5		—	—	—		—	—	—		—	—	—

SDEX 09

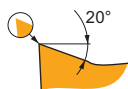
PRAMET

	IC	D1	S
	(mm)	(mm)	(mm)
0903	9.525	4.40	3.18



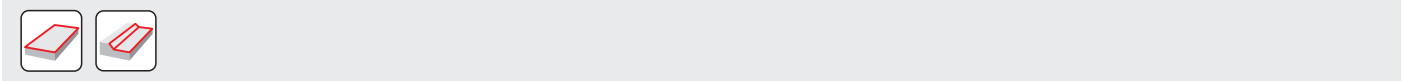
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)

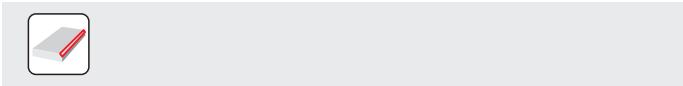
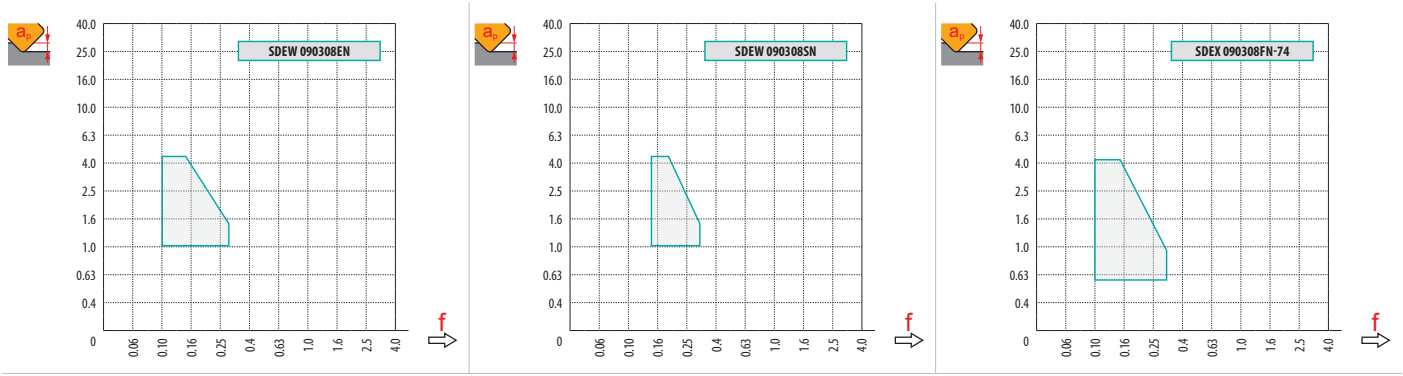


74 geometria con design positivo per la fresatura di smussi a 45°.

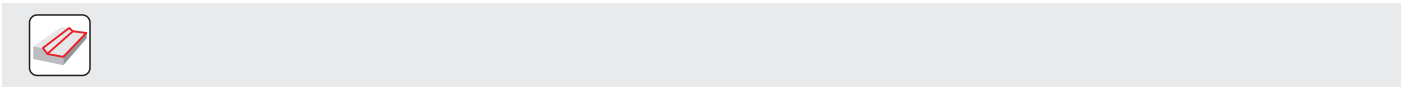
SDEX 090308FN:74:M8330		0.8		305	0.12	4.5		180	0.11	4.5		285	0.12	4.5		—	—	—		75	0.11	3.6		—	—	—
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	SDEW 09 EN	SDEW 09 SN	SDEX 09-74
RE	0.8	0.8	0.8
BS	—	—	—



				
10	22	1.09	0.20	0.30
16	28	1.17	0.25	0.34
25	37	1.24	0.32	0.39



a_s DC	0.10			0.15			0.20			0.25			0.30			0.35			0.40			0.50 – 1.00		
	f																							
45°	0.42	0.54	0.67	0.35	0.44	0.55	0.30	0.38	0.47	0.27	0.34	0.42	0.25	0.31	0.39	0.23	0.29	0.36	0.21	0.27	0.34	0.19	0.24	0.30
X.V	1.35			1.27			1.22			1.19			1.16			1.13			1.11			1.00		

N-SS009

P

M

K

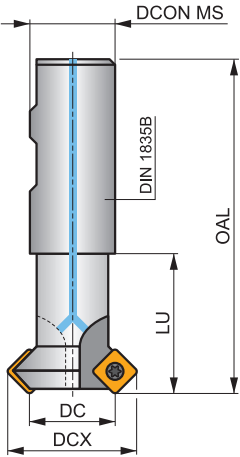
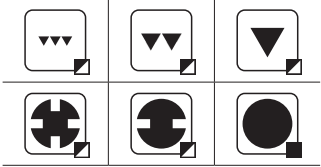
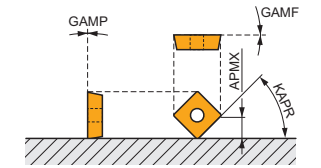
S

S



Fresa per smussi a 45° con inserti quadrati SOMT 09 e refrigerante interno
Fresa per smussi a 45° che utilizza inserti positivi SOMT 09 con APMX di 4.5 mm. Refrigerante interno. Adatta per smussatura laterale anteriore e posteriore. Disponibile con codolo Weldon . Corpo trattato per una maggiore durata dell' utensile.

KAPR	45°
APMX	4.5 mm





0.095 - 0.18



Codice prodotto	DC (mm)	DCX (mm)	OAL (mm)	DCON MS (mm)	LU (mm)	GAMP (°)	GAMP (°)							
 16N2R027B16-SS009-C	16	28.8	110	16	27	0	0	2	—	26600	✓	0.23	G146	SQ500
25N3R042B25-SS009-C	25	37.8	125	25	42	0	0	3	—	21300	✓	0.49	G146	SQ500
8N1R027B16-SS009-C	8	20.5	90	16	27	0	0	1	—	37700	✓	0.16	G146	SQ500





G146

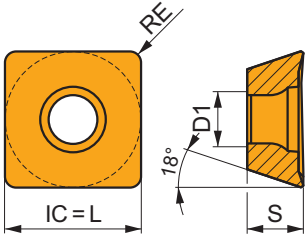
SOMT 09T3..

					
SQ500	US 3006-T09P	2.0	M 3	6	Flag T09P

SOMT 09

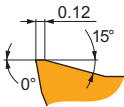
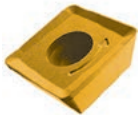
PRAMET

	IC	D1	L	S
	(mm)	(mm)	(mm)	(mm)
09T3	9.550	3.50	9.55	3.97



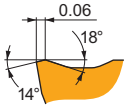
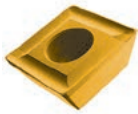
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap) per angoli di attacco 90°. Fare riferimento alla nostra App Mac. Calculator per ulteriori calcoli.

Codice prodotto		RE	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
		(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)



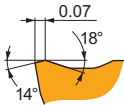
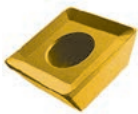
M geometria con design positivo per lavorazioni medie.

SOMT 09T308-M:8215		0.8		275	0.14	2.5		165	0.13	2.5		260	0.14	2.5		65	0.13	2.0		—	—	—
SOMT 09T308-M:M5315		0.8		390	0.14	2.5		—	—	—		370	0.14	2.5		—	—	—		—	—	—
SOMT 09T308-M:M8330		0.8		270	0.14	2.5		160	0.13	2.5		255	0.14	2.5		65	0.13	2.0		—	—	—
SOMT 09T308-M:M8340		0.8		250	0.14	2.5		150	0.13	2.5		235	0.14	2.5		60	0.13	2.0		—	—	—
SOMT 09T308-M:M9315		0.8		380	0.14	2.5		—	—	—		360	0.14	2.5		—	—	—		—	—	—



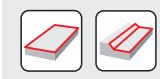
MI geometria con design positivo bilanciato per lavorazioni medie.

SOMT 09T304-MI:8215		0.4		230	0.14	2.5		135	0.13	2.5		215	0.14	2.5		55	0.10	2.0		—	—	—
SOMT 09T304-MI:M8310		0.4		255	0.14	2.5		130	0.13	2.5		240	0.14	2.5		—	—	—		—	—	—
SOMT 09T304-MI:M8330		0.4		230	0.14	2.5		135	0.13	2.5		215	0.14	2.5		55	0.10	2.0		—	—	—
SOMT 09T304-MI:M8340		0.4		210	0.14	2.5		125	0.13	2.5		195	0.14	2.5		50	0.10	2.0		—	—	—
SOMT 09T304-MI:M9315		0.4		320	0.14	2.5		—	—	—		300	0.14	2.5		—	—	—		—	—	—
SOMT 09T304-MI:M9340		0.4		265	0.14	2.5		155	0.13	2.5		—	—	—		65	0.10	2.0		—	—	—

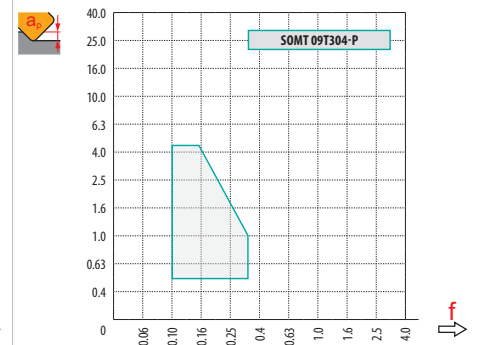
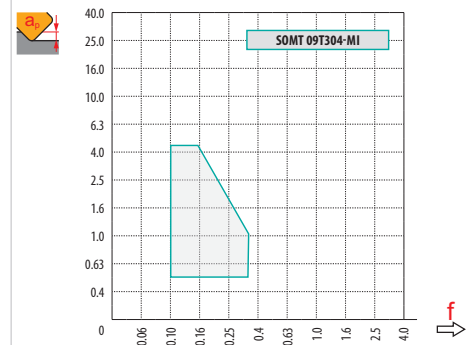
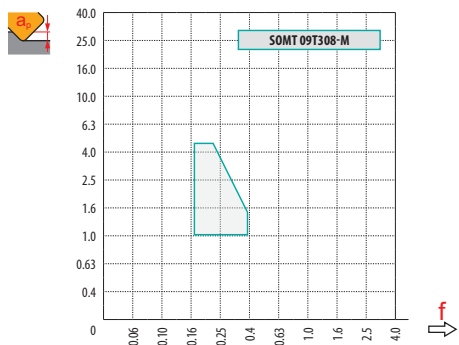


P geometria con design altamente positivo per lavorazioni medie.

SOMT 09T304-P:M8330		0.4		250	0.14	2.5		150	0.13	2.5		235	0.14	2.5		60	0.10	2.0		—	—	—
SOMT 09T304-P:M8340		0.4		230	0.14	2.5		135	0.13	2.5		215	0.14	2.5		55	0.10	2.0		—	—	—
SOMT 09T304-P:M9325		0.4		320	0.14	2.5		—	—	—		300	0.14	2.5		—	—	—		—	—	—



	SOMT 09-M	SOMT 09-MI	SOMT 09-P
RE	0.8	0.4	0.4
BS	—	—	—



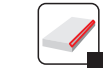
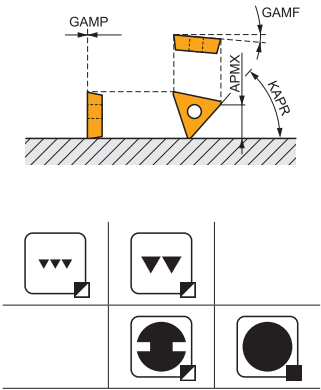
			f_{min} 	f_{max} 
8	20.5	1.06	0.18	0.29
16	28.8	1.17	0.25	0.34
25	37.8	1.24	0.32	0.39



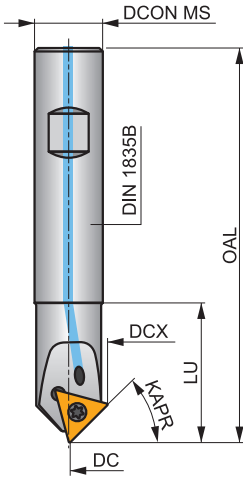
a_e DC	0.10			0.15			0.20			0.25			0.30			0.35			0.40			0.50 – 1.00		
	f																							
45°	0.42	0.63	0.80	0.35	0.51	0.66	0.30	0.44	0.57	0.27	0.40	0.51	0.25	0.36	0.46	0.23	0.33	0.43	0.21	0.31	0.40	0.19	0.28	0.36
X.V	1.35			1.27			1.22			1.19			1.16			1.13			1.11			1.00		



KAPR	45°
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Fresa per smussare e incidere a 45° con inserti TC.T 16 e refrigerante interno
Fresa per smussare e incidere a 45° che utilizza inserti TC.T 16 positivi con APMX di 8,5 mm. Refrigerante interno. Adatta per smussatura laterale anteriore. Disponibile con codolo Weldon . Corpo trattato per una maggiore durata dell'utensile.



Codice prodotto	DCX (mm)	DC (mm)	OAL (mm)	DCON MS (mm)	LU (mm)					
 20N1R040B20-STC-000887	22.8	1.1	114	20	40	1	✓	0.26	GI223	SQ222

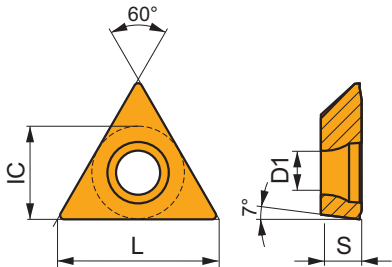
										
GI223	TC.T 16 STC									

					
SQ222	US 2002-T15P	3.0	4	8.5	Flag T15P

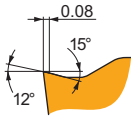
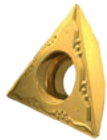
TCXT 16 STC

PRAMET

	IC	D1	L	S
	(mm)	(mm)	(mm)	(mm)
16	9.525	4.60	16.50	3.97



Codice prodotto	Interrupted/ Continuous cut	RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)



328 rompitruciolo affilato e di prima scelta per la finitura degli acciai. È caratterizzato da un angolo di spoglia leggermente positivo senza rinforzo a T. È adatto anche per le ghise.

TCMT 16-001328:M8330	—	0.4	150	0.13	8.5	90	0.12	8.5	140	0.13	8.5	—	—	—	—	—	—	—	—	—
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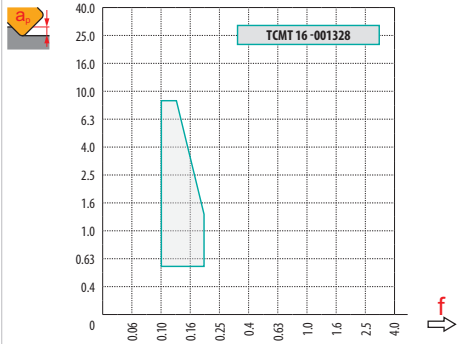
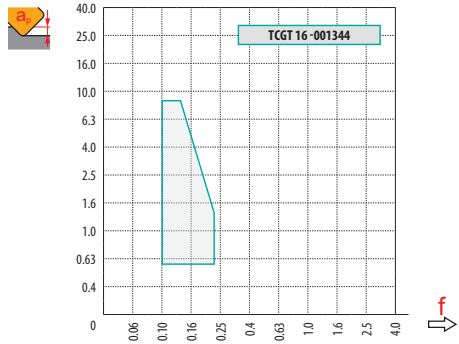


344 Rompitruciolo affilato che rappresenta la prima scelta per la lavorazione di tutte le leghe non ferrose. È caratterizzato da un angolo di spoglia altamente positivo senza T-land. È anche condizionatamente adatto per le superleghe.

TCGT 16-001344:HF7	—	0.4	—	—	—	—	—	—	—	—	—	225	0.10	8.5	—	—	—	—	—	—
--------------------	---	-----	---	---	---	---	---	---	---	---	---	-----	------	-----	---	---	---	---	---	---



	TCGT 16 -001344	TCMT 16 -001328
	0.4	0.4
	-	-

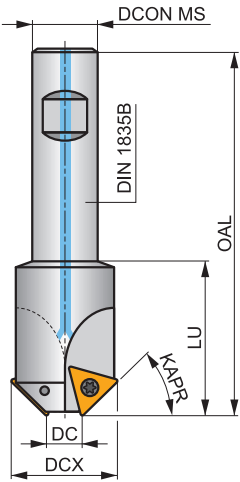
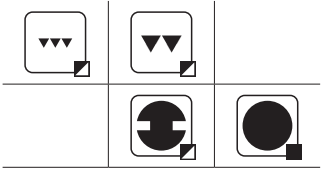
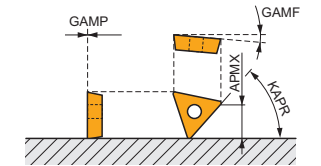


DC	DCX	X.V	f_{min}	f_{max}
1.1	22.8	1.1	0.1	.018



Fresa per smussi a 45° con inserti TCMT 16 e refrigerante interno
Fresa per smussi a 45° che utilizza inserti TCMT 16 positivi con APMX di 8.5 mm. Refrigerante interno. Adatta per smussatura laterale anteriore. Disponibile con codolo Weldon . Corpo trattato per una maggiore durata dell'utensile.

KAPR	45°
APMX	8.5 mm



0.065 - 0.095

Codice prodotto	DCX	DC	OAL	DCON MS	LU							
	(mm)	(mm)	(mm)	(mm)	(mm)							
2516-45-11	31	11	100	16	30	2	—	18100	✓	0.20	G155	SQ220
2516-45-19	39	19	100	20	30	2	—	16200	✓	0.31	G155	SQ220

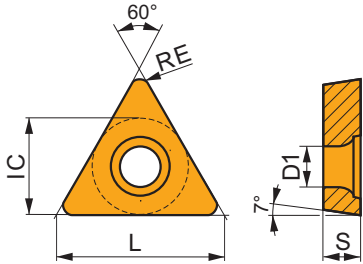
TCMT 16T308E-FM:T8..

SQ220	US 4011-T15P	3.5	M 4	10.6	Flag T15P

TCMT

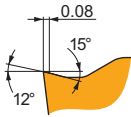
PRAMET

	IC	D1	L	S
	(mm)	(mm)	(mm)	(mm)
16T3	9.525	4.40	16.50	3.97



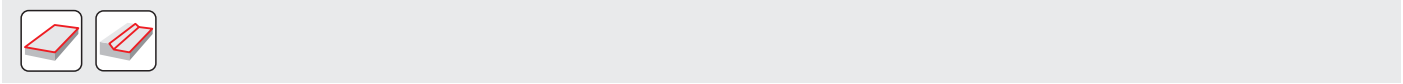
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)

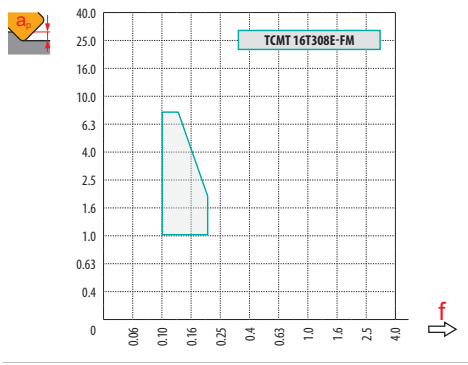


FM rompitruciolo versatile e di prima scelta per la finitura degli acciai. È caratterizzato da un angolo di spoglia positivo e da un ridotto rinforzo a T positivo. È adatto anche per gli acciai inossidabili e, in modo condizionato, per le ghise e le leghe non ferrose.

TCMT 16T308E-FM:T8315	●	0.8	170	0.17	1.7	100	0.15	1.7	160	0.17	1.7	510	0.20	1.7	—	—	—	—	—	—
TCMT 16T308E-FM:T8415	●	0.8	210	0.17	1.7	110	0.15	1.7	190	0.17	1.7	525	0.20	1.7	—	—	—	—	—	—
TCMT 16T308E-FM:T8430	●	0.8	185	0.17	1.7	100	0.15	1.7	150	0.17	1.7	510	0.20	1.7	—	—	—	—	—	—



	TCMT 16-FM
	0.8
	—



			f_{min} 	f_{max}
11.0	31.0	1.02	0.10	0.18
19.0	39.0	1.10	0.14	0.20

2636



PRAMET

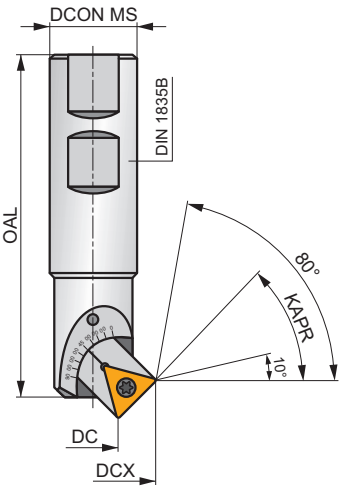
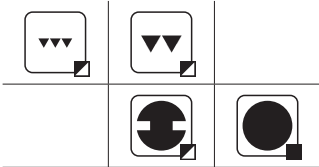
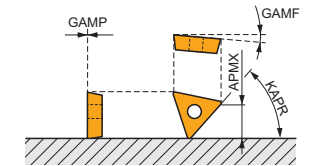
S



Fresa per smussi regolabile con inserti TCMT 16

Fresa per smussi regolabile che utilizza inserti TCMT 16 con APMX di 8.5 mm. Intervallo di angolo regolabile da 10 ° a 80 °. Disponibile con codolo Weldon . Corpo trattato per una maggiore durata dell'utensile.

KAPR	10° – 80°
APMX	8.5 mm



0.03 – 0.08



Codice prodotto	DCN	DCX	OAL	DCON MS	KAPR	GAMF	GAMP							
	(mm)	(mm)	(mm)	(mm)	(°)	(°)	(°)							
 2636-05-25	5.0	31.0			10									
	5.5	31.0			15									
	7.0	29.5			30									
	11.0	29.5	100	25	45	-8	0	1	-	18100	-	0.35	G1294	CH040
	16.0	28.5			60									
	21.0	26.5			75									
	23.0	26.0			80									

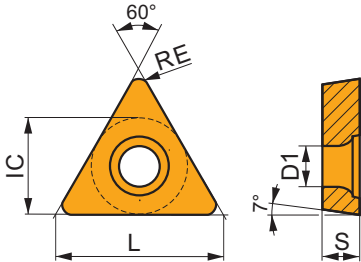
		
G1294	TCMT 16T304E-FM:T8...	TCMT 16T308E-FM:T8...

							
CH040	USI 0614	CA 2669	US 4011-T15P	3.5	M 4	10.6	Flag T15

TCMT

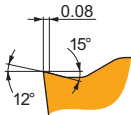
PRAMET

	IC	D1	L	S
	(mm)	(mm)	(mm)	(mm)
16T3	9.525	4.40	16.50	3.97



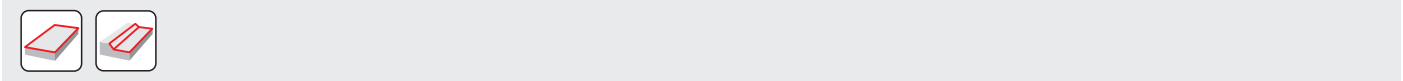
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto	 RE (mm)	P			M			K			N			S			H		
		vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
		(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)	(m/min)	(mm/rev)	(mm)

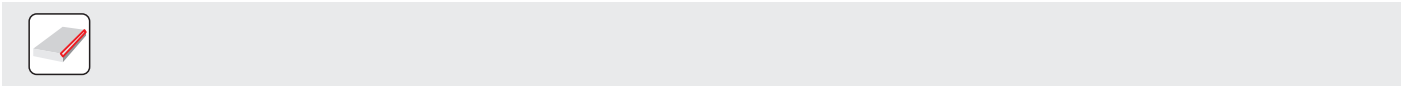
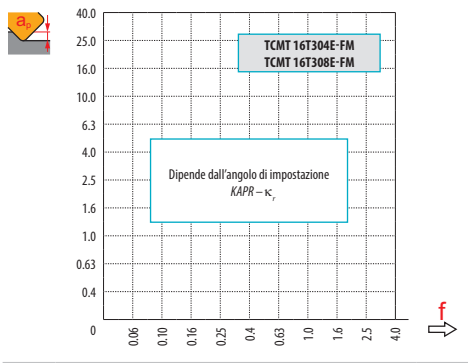


FM rompitruciolo versatile e di prima scelta per la finitura degli acciai. È caratterizzato da un angolo di spoglia positivo e da un ridotto rinforzo a T positivo. È adatto anche per gli acciai inossidabili e, in modo condizionato, per le ghise e le leghe non ferrose.

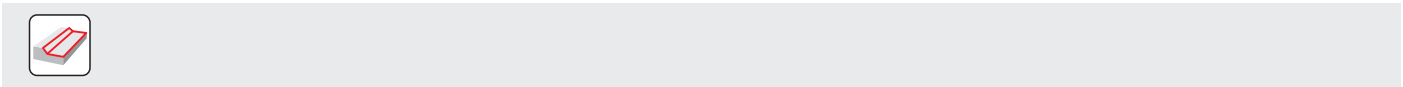
TCMT 16T304E-FM:T8315	●	0.4	155	0.12	1.7	90	0.11	1.7	145	0.12	1.7	465	0.14	1.7	—	—	—	—	—	—
TCMT 16T304E-FM:T8415	●	0.4	190	0.12	1.7	100	0.11	1.7	170	0.12	1.7	480	0.14	1.7	—	—	—	—	—	—
TCMT 16T304E-FM:T8430	●	0.4	180	0.12	1.7	95	0.11	1.7	145	0.12	1.7	495	0.14	1.7	—	—	—	—	—	—
TCMT 16T308E-FM:T8315	●	0.8	170	0.17	1.7	100	0.15	1.7	160	0.17	1.7	510	0.20	1.7	—	—	—	—	—	—
TCMT 16T308E-FM:T8415	●	0.8	210	0.17	1.7	110	0.15	1.7	190	0.17	1.7	525	0.20	1.7	—	—	—	—	—	—
TCMT 16T308E-FM:T8430	●	0.8	185	0.17	1.7	100	0.15	1.7	150	0.17	1.7	510	0.20	1.7	—	—	—	—	—	—



	TCMT 16-FM	
	0.8	0.4
	–	–



						
10°	2.6	5.0	31.0	1.38	0.24	0.59
15°	3.9	5.5	31.0	1.30	0.17	0.40
30°	7.6	7.0	29.5	1.18	0.10	0.20
45°	10.7	11.0	29.5	1.13	0.09	0.14
60°	13.2	16.0	28.5	1.09	0.09	0.11
75°	14.7	21.0	26.5	1.06	0.09	0.10
80°	15.0	23.0	26.0	1.06	0.09	0.10

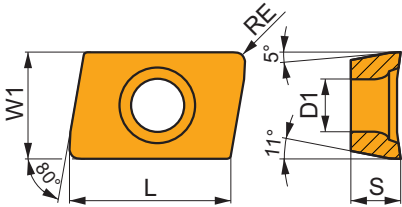


a_s DC	0.10			0.15			0.20			0.25			0.30			0.35			0.40			0.50 – 1.00		
	f																							
10°	0.55	0.91	1.46	0.45	0.74	1.19	0.39	0.64	1.03	0.35	0.58	0.92	0.32	0.53	0.84	0.29	0.49	0.78	0.27	0.46	0.73	0.24	0.41	0.65
15°	0.37	0.61	0.98	0.30	0.50	0.80	0.26	0.43	0.69	0.23	0.39	0.62	0.21	0.35	0.56	0.20	0.33	0.52	0.18	0.31	0.49	0.16	0.27	0.44
30°	0.19	0.32	0.51	0.15	0.26	0.41	0.13	0.22	0.36	0.12	0.20	0.32	0.11	0.18	0.29	0.10	0.17	0.27	0.09	0.16	0.25	0.08	0.14	0.23
45°	0.13	0.22	0.36	0.11	0.18	0.29	0.09	0.16	0.25	0.08	0.14	0.23	0.08	0.13	0.21	0.07	0.12	0.19	0.07	0.11	0.18	0.06	0.10	0.16
60°	0.11	0.18	0.29	0.09	0.15	0.24	0.08	0.13	0.21	0.07	0.12	0.18	0.06	0.11	0.17	0.06	0.10	0.16	0.05	0.09	0.15	0.05	0.08	0.13
75°	0.10	0.16	0.26	0.08	0.13	0.21	0.07	0.12	0.19	0.06	0.10	0.17	0.06	0.09	0.15	0.05	0.09	0.14	0.05	0.08	0.13	0.04	0.07	0.12
80°	0.10	0.16	0.26	0.08	0.13	0.21	0.07	0.11	0.18	0.06	0.10	0.16	0.06	0.09	0.15	0.05	0.09	0.14	0.05	0.08	0.13	0.04	0.07	0.11
X.V	1.35			1.27			1.22			1.19			1.16			1.13			1.11			1.00		

XPHT 16-FA

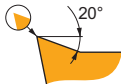


	W1	D1	L	S
	(mm)	(mm)	(mm)	(mm)
1604	9.525	4.40	15.88	4.76



Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)



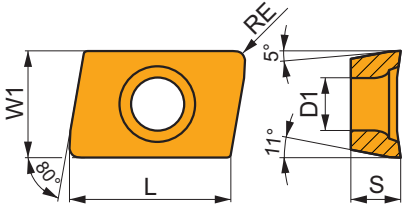
FA geometria con design altamente positivo per la fresatura di smussi a 45°.

XPHT 160408F-FA:HF7		0.8										255	0.12	15.0						
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XPHT 16

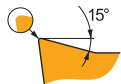


	W1	D1	L	S
	(mm)	(mm)	(mm)	(mm)
1604	9.525	4.40	15.88	4.76



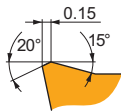
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)



E geometria con design altamente positivo per smussi.

XPHT 160412E:8215		1.2	225	0.10	15.0	135	0.09	15.0	210	0.10	15.0									
XPHT 160412E:M6330		1.2	190	0.10	15.0	135	0.09	15.0												
XPHT 160412E:M8330		1.2	220	0.10	15.0	130	0.09	15.0	205	0.10	15.0									
XPHT 160412E:M8340		1.2	195	0.10	15.0	115	0.09	15.0	185	0.10	15.0									

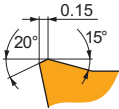


S geometria con design altamente positivo per la fresatura di smussi.

XPHT 160412S:8215		1.2	210	0.12	15.0	125	0.11	15.0	195	0.12	15.0									
XPHT 160412S:M8330		1.2	210	0.12	15.0	125	0.11	15.0	195	0.12	15.0									
XPHT 160412S:M8340		1.2	190	0.12	15.0	110	0.11	15.0	180	0.12	15.0									

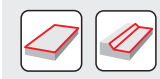
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto	 RE (mm)	P			M			K			N			S			H		
		vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
		(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)

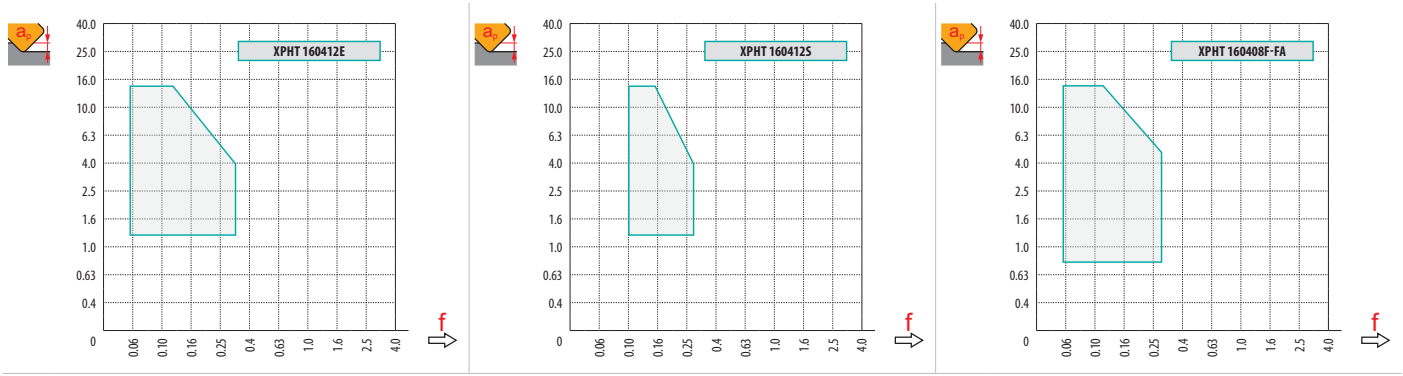


S geometria con design altamente positivo per la fresatura di smussi.

XPHT 160412S:M9325		1.2		270	0.12	15.0		—	—	—		255	0.12	15.0		—	—	—		—	—	—		—	—	—
XPHT 160412S:M9340		1.2		245	0.12	15.0		145	0.11	15.0		—	—	—		—	—	—		—	—	—		—	—	—



	XPHT 16 E	XPHT 16 S	XPHT 16-FA
RE	1.2	1.2	0.8
BS	–	–	–



a_e DC	0.10			0.15			0.20			0.25			0.30			0.35			0.40			0.50 – 1.00		
	f																							
15°	0.61	0.98	1.34	0.50	0.80	1.10	0.43	0.69	0.95	0.39	0.62	0.85	0.35	0.56	0.78	0.33	0.52	0.72	0.31	0.49	0.67	0.27	0.44	0.60
25°	0.37	0.60	0.82	0.31	0.49	0.67	0.26	0.42	0.58	0.24	0.38	0.52	0.22	0.35	0.48	0.20	0.32	0.44	0.19	0.30	0.41	0.17	0.27	0.37
30°	0.32	0.51	0.70	0.26	0.41	0.57	0.22	0.36	0.49	0.20	0.32	0.44	0.18	0.29	0.40	0.17	0.27	0.37	0.16	0.25	0.35	0.14	0.23	0.31
35°	0.28	0.44	0.61	0.23	0.36	0.50	0.19	0.31	0.43	0.17	0.28	0.38	0.16	0.25	0.35	0.15	0.24	0.32	0.14	0.22	0.30	0.12	0.20	0.27
40°	0.25	0.39	0.54	0.20	0.32	0.44	0.17	0.28	0.38	0.16	0.25	0.34	0.14	0.23	0.31	0.13	0.21	0.29	0.12	0.20	0.27	0.11	0.18	0.24
45°	0.22	0.36	0.49	0.18	0.29	0.40	0.16	0.25	0.35	0.14	0.23	0.31	0.13	0.21	0.28	0.12	0.19	0.26	0.11	0.18	0.25	0.10	0.16	0.22
50°	0.21	0.33	0.45	0.17	0.27	0.37	0.15	0.23	0.32	0.13	0.21	0.29	0.12	0.19	0.26	0.11	0.18	0.24	0.10	0.17	0.23	0.09	0.15	0.20
55°	0.19	0.31	0.42	0.16	0.25	0.35	0.14	0.22	0.30	0.12	0.20	0.27	0.11	0.18	0.25	0.10	0.17	0.23	0.10	0.15	0.21	0.09	0.14	0.19
60°	0.18	0.29	0.40	0.15	0.24	0.33	0.13	0.21	0.28	0.12	0.18	0.25	0.11	0.17	0.23	0.10	0.16	0.21	0.09	0.15	0.20	0.08	0.13	0.18
75°	0.16	0.26	0.36	0.13	0.21	0.29	0.12	0.19	0.25	0.10	0.17	0.23	0.09	0.15	0.21	0.09	0.14	0.19	0.08	0.13	0.18	0.07	0.12	0.16
X.V	1.35			1.27			1.22			1.19			1.16			1.13			1.11			1.00		



					f_{min}	f_{max}
15°	7	35.0	90.6	1.16	0.43	0.70
25°	12	35.0	87.3	1.16	0.20	0.32
30°	14	35.0	85.1	1.17	0.16	0.25
35°	16	35.0	82.4	1.17	0.13	0.20
40°	18	35.0	79.4	1.17	0.11	0.16
45°	20	35.0	76.0	1.18	0.09	0.14
50°	22	35.0	72.4	1.18	0.08	0.12
55°	23	35.0	68.4	1.20	0.08	0.11
60°	25	35.0	64.1	1.20	0.07	0.09
25°	12	45.0	97.3	1.18	0.23	0.34
30°	14	45.0	95.0	1.18	0.18	0.26
35°	16	45.0	92.4	1.19	0.15	0.21
40°	18	45.0	89.5	1.19	0.12	0.17
45°	20	45.0	86.0	1.20	0.11	0.15
50°	22	45.0	82.4	1.21	0.09	0.13

					f_{min}	f_{max}
55°	23	45.0	78.4	1.22	0.09	0.11
60°	25	45.0	74.1	1.23	0.08	0.10
75°	28	45.0	60.1	1.31	0.07	0.08

Frese con angolo di regolazione 15° possono essere usate come HFC. Utilizzare gli avanzamenti della tabella degli smussi.