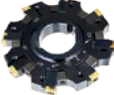




FRESATURA DI CAVE

FRESE A FISSAGGIO MECCANICO – NAVIGATORE

SPIANATURA

	S90SN	S90CN(XN)	F-SCC			
	90°	90°	90°			
	APMX (mm) 4.0 – 14.0	APMX (mm) 14.0 – 30.5	APMX (mm) 11.0 – 18.0			
	DC (mm) 63 – 200	DC (mm) 125 – 315	DC (mm) 25 – 40			
Codolo cilindrico	 DC = 80 – 200 (mm)	 DC = 125 – 315 (mm)				
Weldon	 DC = 63 – 160 (mm)	 DC = 125 – 200 (mm)				
Modulare						
Fresa a manicotto						
Pagina	 314	 320	 325			
ISO	P M K	P M K	P M K			
Forma dell'inserto						
Inserti	SNHQ 11 SNHQ 12	CNHQ 1005 XNHQ 1205 XNHQ 1606	CCMX			
N. di taglienti	4	2	2			
Scanalatura profonda 	■	■				
Fresatura di spallamento profonda 	▣	▣				
Spianatura 	▣	▣				
Spianatura posteriore 	▣	▣	■			
Cave a T 			■			
Fresatura di spallamento superficiale 			▣			
Scanalatura superficiale 			▣			

S90SN



PRAMET

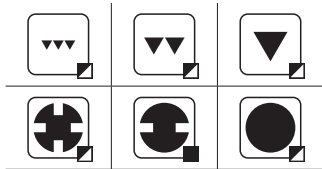
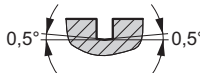
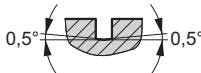
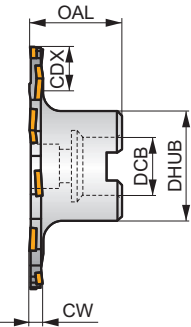
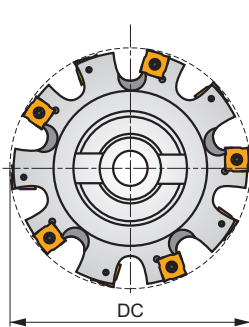
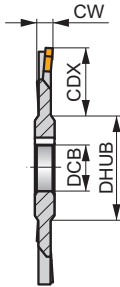
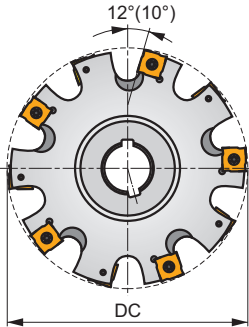
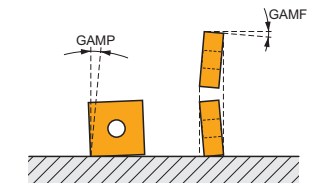
S



Fresa a disco a tre tagli

90° disc mill utilising SNHQ inserts. Suitable for slot, shoulder, rear side and face milling. Available in arbor or stub arbor style. Body treated for longer tool life.

KAPR	90°
CW	4.0 – 14.0 mm



	0.07 – 0.09
	0.07 – 0.09



Codice prodotto	DC	OAL	DCB	DHUB	CDX	CW		GAMP	GAMP								
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		(°)	(°)								
80F8N-S90SN11N4	80	–	27	42	16	4.00	–	2.5	-0.5	8	–	12300	–	0.21	G1151	DI011	–
80F8N-S90SN11N5	80	–	27	42	16	5.00	–	2.5	-0.5	8	–	12300	–	0.22	G1152	DI019	–
80F8N-S90SN12N6	80	–	27	42	16	6.00	–	2.5	-0.5	8	–	8400	–	0.25	G1153	DI012	–
80F8N-S90SN12N8	80	–	27	42	16	8.00	–	2.5	-0.5	8	–	8400	–	0.25	G1157	DI013	–
100G10N-S90SN12N6	100	–	32	48	24	6.00	–	2.5	-0.5	10	–	7500	–	0.43	G1153	DI012	–
100G10N-S90SN12N8	100	–	32	48	24	8.00	–	2.5	-0.5	10	–	7500	–	0.42	G1157	DI013	–
100G10N-S90SN12N10	100	–	32	48	24	10.00	–	2.5	-0.5	10	–	7500	–	0.46	G1154	DI014	–
100G10N-S90SN12N12	100	–	32	48	24	12.00	–	2.5	-0.5	10	–	7500	–	0.66	G1158	DI015	–
125H12N-S90SN12N6	125	–	40	58	31	6.00	–	2.5	-0.5	12	–	6700	–	0.62	G1153	DI012	–
125H12N-S90SN12N8	125	–	40	58	31	8.00	–	2.5	-0.5	12	–	6700	–	0.73	G1157	DI013	–
125H12N-S90SN12N10	125	–	40	58	31	10.00	–	2.5	-0.5	12	–	6700	–	0.66	G1154	DI014	–
125H12N-S90SN12N12	125	–	40	58	31	12.00	–	2.5	-0.5	12	–	6700	–	0.76	G1158	DI015	–
160H16N-S90SN12N6	160	–	40	58	43	6.00	–	2.5	-0.5	16	–	5900	–	0.86	G1153	DI012	–
160H16N-S90SN12N8	160	–	40	58	43	8.00	–	2.5	-0.5	16	–	5900	–	1.10	G1157	DI013	–
160H16N-S90SN12N10	160	–	40	58	43	10.00	–	2.5	-0.5	16	–	5900	–	1.14	G1154	DI014	–
160H16N-S90SN12N12	160	–	40	58	43	12.00	–	2.5	-0.5	16	–	5900	–	1.30	G1158	DI015	–
160H15N-S90SN12N14	160	–	40	58	43	14.00	–	2.5	-0.5	15	–	5900	–	1.40	G1158	DI015	–
200J18N-S90SN12N6	200	–	50	72	62	6.00	–	2.5	-0.5	18	–	5300	–	1.40	G1153	DI012	–
200J18N-S90SN12N8	200	–	50	72	62	8.00	–	2.5	-0.5	18	–	5300	–	1.78	G1157	DI013	–
200J18N-S90SN12N10	200	–	50	72	62	10.00	–	2.5	-0.5	18	–	5300	–	1.89	G1154	DI014	–
200J18N-S90SN12N12	200	–	50	72	62	12.00	–	2.5	-0.5	18	–	5300	–	2.23	G1158	DI015	–
200J18N-S90SN12N14	200	–	50	72	62	14.00	–	2.5	-0.5	18	–	5300	–	2.67	G1158	DI015	–
63A03R-S90SN11N4	63	40	16	34	10.5	4.00	3	2.5	-0.5	6	–	13900	–	0.37	G1151	DI021	–
63A03R-S90SN11N5	63	40	16	34	10.5	5.00	3	2.5	-0.5	6	–	13900	–	0.36	G1152	DI021	–
63A03R-S90SN12N6	63	40	16	34	10.5	6.00	3	2.5	-0.5	6	–	9500	–	0.37	G1153	DI022	–
80A04R-S90SN11N5	80	40	22	40	17.5	5.00	4	2.5	-0.5	8	–	12300	–	0.48	G1152	DI023	–
80A04R-S90SN12N6	80	40	22	40	17.5	6.00	4	2.5	-0.5	8	–	8400	–	0.50	G1153	DI024	–

Codice prodotto	DC	OAL	DCB	DHUB	CDX	CW		GAMF	GAMP								
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		(°)	(°)								
 100A05R-S90SN12N6	100	50	27	48	23.5	6.00	5	2.5	-0.5	10	–	7500	–	0.86	GI153	DI025	–
125B06R-S90SN12N6	125	50	40	56	24	6.00	6	2.5	-0.5	12	–	6700	–	1.20	GI153	DI012	AC003
160B08R-S90SN12N10	160	50	40	70	41	10.00	8	2.5	-0.5	16	–	5900	–	1.83	GI154	DI014	–

	
GI151	SNHQ 1102..
GI152	SNHQ 1103..
GI153	SNHQ 1203..
GI154	SNHQ 1205..
GI157	SNHQ 1204..
GI158	SNHQ 1207

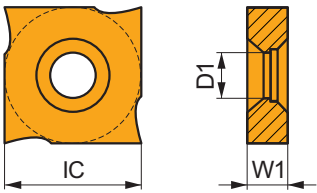
							
DI011	US 3504-T09P	3.0	M 3.5	4	D-T07P/T09P	FG-15	–
DI012	US 70	5.0	M 4	5	D-T07/T15	FG-15	–
DI013	US 71	5.0	M 4	7	D-T07/T15	FG-15	–
DI014	US 72	5.0	M 4	9	D-T07/T15	FG-15	–
DI015	US 73	5.0	M 4	11	D-T07/T15	FG-15	–
DI019	US 3505-T09P	3.0	M 3.5	5	D-T07P/T09P	FG-15	HS 0830
DI021	US 3504-T09P	3.0	M 3.5	4	D-T07P/T09P	FG-15	HS 0830
DI022	US 70	5.0	M 4	5	D-T07/T15	FG-15	HS 0830
DI023	US 3505-T09P	3.0	M 3.5	5	D-T07P/T09P	FG-15	HS 1030
DI024	US 70	5.0	M 4	5	D-T07/T15	FG-15	HS 1030
DI025	US 70	5.0	M 4	5	D-T07/T15	FG-15	HS 1230

		
AC003	KS 2040	K.FMH40

SNHQ AZ

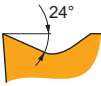
PRAMET

	IC (mm)	D1 (mm)	W1 (mm)
1102	11.000	4.30	2.300
1103	11.000	4.30	2.700
1203	12.700	5.00	3.200
1204	12.700	5.00	4.500
1205	12.700	5.00	5.400
1207	12.700	5.00	7.000
12T3	12.700	5.00	3.400



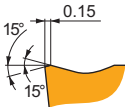
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE	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)



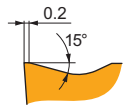
EN geometria con speciale design per la fresatura di cave.

SNHQ 1203AZEN:8215		—	415	0.10	—	245	0.10	—	390	0.10	—	—	—	—	—	—	—	—	—	—
SNHQ 1203AZEN:M8340		—	370	0.10	—	220	0.10	—	350	0.10	—	—	—	—	—	—	—	—	—	—
SNHQ 1204AZEN:8215		—	405	0.10	—	240	0.10	—	380	0.10	—	—	—	—	—	—	—	—	—	—
SNHQ 1204AZEN:M8340		—	355	0.10	—	210	0.10	—	335	0.10	—	—	—	—	—	—	—	—	—	—
SNHQ 1205AZEN:8215		—	390	0.10	—	230	0.10	—	370	0.10	—	—	—	—	—	—	—	—	—	—
SNHQ 1205AZEN:M8340		—	345	0.10	—	205	0.10	—	325	0.10	—	—	—	—	—	—	—	—	—	—
SNHQ 1207AZEN:8215		—	380	0.10	—	225	0.10	—	360	0.10	—	—	—	—	—	—	—	—	—	—
SNHQ 1207AZEN:M8340		—	335	0.10	—	200	0.10	—	315	0.10	—	—	—	—	—	—	—	—	—	—



TN geometria con design specifico per la fresatura di cave.

SNHQ 1102AZTN:M8330		—	365	0.20	—	215	0.18	—	345	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1102AZTN:M8340		—	335	0.20	—	200	0.18	—	315	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1103AZTN:M8330		—	345	0.20	—	205	0.18	—	325	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1103AZTN:M8340		—	315	0.20	—	185	0.18	—	295	0.20	—	—	—	—	—	—	—	—	—	—



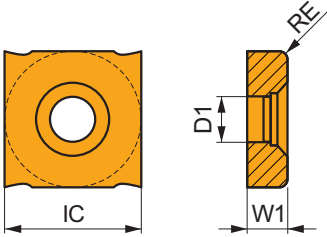
TN geometria con design specifico per la fresatura di cave.

SNHQ 1203AZTN:M8330		—	345	0.20	—	205	0.18	—	325	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1203AZTN:M8340		—	315	0.20	—	185	0.18	—	295	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1204AZTN:M8330		—	335	0.20	—	200	0.20	—	315	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1204AZTN:M8340		—	300	0.20	—	180	0.20	—	285	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1205AZTN:M8330		—	330	0.20	—	195	0.20	—	310	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1205AZTN:M8340		—	295	0.20	—	175	0.20	—	280	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1207AZTN:M8330		—	320	0.20	—	190	0.20	—	300	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 1207AZTN:M8340		—	290	0.20	—	170	0.20	—	275	0.20	—	—	—	—	—	—	—	—	—	—
SNHQ 12T3AZTN:M8340		—	300	0.20	—	180	0.18	—	285	0.20	—	—	—	—	—	—	—	—	—	—

SNHQ TRL

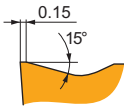
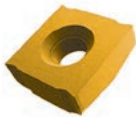
PRAMET

	IC	D1	L	W1
	(mm)	(mm)	(mm)	(mm)
1203	12.700	5.00	12.70	3.200
1204	12.700	5.00	12.70	4.500
1205	12.700	5.00	12.70	5.400
1207	12.700	5.00	12.70	7.000



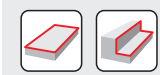
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

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)



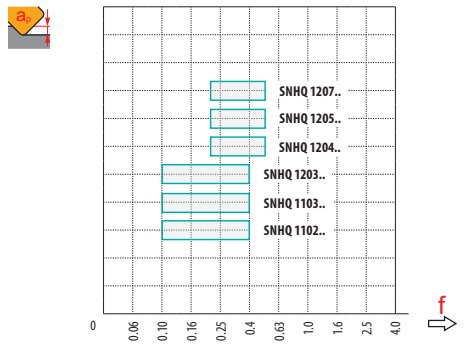
TRL geometria con design specifico per la fresatura di cave.

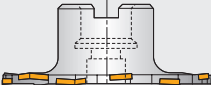
SNHQ 120305TRL:M8340		0.5		230	0.20	—		135	0.18	—		215	0.20	—	—	—	—	—	—
SNHQ 120310TRL:M8340		1.0		285	0.20	—		170	0.18	—		270	0.20	—	—	—	—	—	—
SNHQ 120315TRL:M8340		1.5		300	0.20	—		180	0.18	—		285	0.20	—	—	—	—	—	—
SNHQ 120405TRL:M8340		0.5		220	0.20	—		130	0.20	—		205	0.20	—	—	—	—	—	—
SNHQ 120415TRL:M8340		1.5		290	0.20	—		170	0.20	—		275	0.20	—	—	—	—	—	—
SNHQ 120505TRL:M8340		0.5		215	0.20	—		125	0.20	—		200	0.20	—	—	—	—	—	—
SNHQ 120515TRL:M8340		1.5		280	0.20	—		165	0.20	—		265	0.20	—	—	—	—	—	—
SNHQ 120705TRL:M8340		0.5		210	0.20	—		125	0.20	—		195	0.20	—	—	—	—	—	—
SNHQ 120710TRL:M8340		1.0		265	0.20	—		155	0.20	—		250	0.20	—	—	—	—	—	—



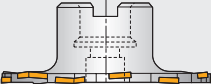
a_e / DC	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	0.80	0.90	1.00
	1.48	1.35	1.27	1.22	1.19	1.16	1.11	1.08	1.05	1.03	1.00	1.00	1.00	1.00

	SNHQ AZEN	SNHQ AZTN	SNHQ 12TRL
RE	–	–	0.5 – 1.5
BS	–	–	–



				
	80	4	16	16
	100	5	24	24
	125	6	31	31
	160	5	43	43
	200	9	62	62
	63	3	10.5	63
	80	4	17.5	80
	100	5	23.5	100
	125	6	24	125
	160	8	41	160



	a_e	5		10		15		20		25	
		f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}
	80	0.28	0.36	0.20	0.26	0.17	0.21	–	–	–	–
	100	0.32	0.41	0.23	0.29	0.19	0.24	0.16	0.21	–	–
	125	0.35	0.45	0.25	0.32	0.21	0.27	0.18	0.23	0.16	0.21
	160	0.40	0.51	0.28	0.36	0.23	0.30	0.20	0.26	0.18	0.23
	200	0.44	0.57	0.32	0.41	0.26	0.33	0.23	0.29	0.20	0.26
	63	0.25	0.32	0.18	0.23	0.15	0.19	0.13	0.17	0.12	0.15
	80	0.28	0.36	0.20	0.26	0.17	0.21	0.15	0.19	0.13	0.17
	100	0.32	0.41	0.23	0.29	0.19	0.24	0.16	0.21	0.15	0.19
	125	0.35	0.45	0.25	0.32	0.21	0.27	0.18	0.23	0.16	0.21
	160	0.40	0.51	0.28	0.36	0.23	0.30	0.20	0.26	0.18	0.23

	a _e	32		40		50		63		80	
		f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max}
	80	–	–	–	–	–	–	–	–	–	–
	100	–	–	–	–	–	–	–	–	–	–
	125	–	–	–	–	–	–	–	–	–	–
	160	0.16	0.21	0.15	0.19	–	–	–	–	–	–
	200	0.18	0.23	0.16	0.21	0.15	0.19	–	–	–	–
	63	0.11	0.14	0.10	0.13	0.10	0.12	0.10	0.11	–	–
	80	0.12	0.15	0.11	0.14	0.10	0.13	0.10	0.12	0.10	0.11
	100	0.13	0.17	0.12	0.15	0.11	0.14	0.10	0.13	0.10	0.12
	125	0.15	0.19	0.13	0.17	0.12	0.15	0.11	0.14	0.10	0.13
	160	0.16	0.21	0.15	0.19	0.13	0.17	0.12	0.16	0.11	0.14

	a _e	100		125		160	
		f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max}
	80	–	–	–	–	–	–
	100	–	–	–	–	–	–
	125	–	–	–	–	–	–
	160	–	–	–	–	–	–
	200	–	–	–	–	–	–
	63	–	–	–	–	–	–
	80	–	–	–	–	–	–
	100	0.10	0.11	–	–	–	–
	125	0.10	0.12	0.10	0.11	–	–
	160	0.10	0.13	0.10	0.12	0.10	0.11

S90CN(XN)

P

M

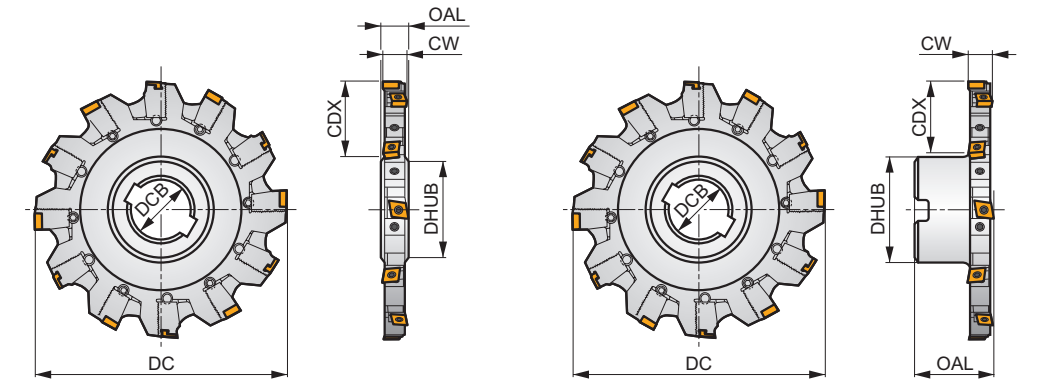
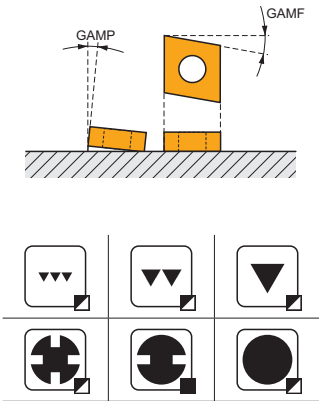
K

S



Fresa a disco a tre tagli con larghezza regolabile
90° disc mill utilising CNHQ and XNHQ inserts. Suitable for slot, shoulder, rear side and face milling. Available in arbor or stub arbor style. Body treated for longer tool life.

KAPR	90°
CW	14.0 – 30.5 mm



	0.07 – 0.09				
	0.07 – 0.09				

Codice prodotto	DC	OAL	DCB	DHUB	CDX	CW	GAMF	GAMP										
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)										
	125H04N-S90CN10N18	125	18	40	56	34	14.0 – 18.5	-10	4	4	8	–	7800	–	1.19	GI195	DI051	–
	160H06N-S90CN10N18	160	18	40	56	50	14.0 – 18.5	-8	4	6	12	–	6900	–	1.80	GI195	DI052	–
	160H05N-S90XN12N24	160	24	40	56	50	19.0 – 24.3	-8	5	5	10	–	5200	–	2.50	GI196	DI056	–
	200J07N-S90CN10N18	200	18	50	71	60	14.0 – 18.5	-8	4	7	14	–	6100	–	2.85	GI195	DI053	–
	200J06N-S90XN12N24	200	24	50	71	60	19.0 – 24.3	-8	5	6	12	–	4700	–	3.60	GI196	DI057	–
	200J06N-S90XN16N30	200	30	50	71	60	24.5 – 30.5	-9	5	6	12	–	4000	–	6.00	GI197	DI060	–
	250J09N-S90CN10N18	250	18	50	71	85	14.0 – 18.5	-8	4	9	18	–	5500	–	5.30	GI195	DI054	–
	250J08N-S90XN12N24	250	24	50	71	85	19.0 – 24.3	-8	5	8	16	–	4200	–	7.50	GI196	DI058	–
	250J08N-S90XN16N30	250	30	50	71	85	24.5 – 30.5	-8	5	8	16	–	3600	–	8.00	GI197	DI061	–
	315J12N-S90CN10N18	315	18	50	71	110	14.0 – 18.5	-8	4	12	24	–	4900	–	7.80	GI195	DI055	–
	315J10N-S90XN12N24	315	24	50	71	110	19.0 – 24.3	-8	5	10	20	–	3700	–	10.70	GI196	DI059	–
	315K10N-S90XN16N30	315	30	60	85	110	24.5 – 30.5	-8	5	10	20	–	3200	–	13.00	GI197	DI062	–
	125B04R-S90CN10N18	125	50	40	70	25	14.0 – 18.5	-10	4	4	8	–	7800	–	1.65	GI195	DI071	AC003
	160B06R-S90CN10N18	160	50	40	70	44	14.0 – 18.5	-8	5	6	12	–	6900	–	2.55	GI195	DI072	–
	160B05R-S90XN12N24	160	50	40	70	44	19.0 – 24.3	-8	5	5	10	–	5200	–	2.50	GI196	DI074	–
	200C06R-S90XN12N24	200	50	40	90	52	19.0 – 24.3	-8	5	6	12	–	6100	–	4.70	GI196	DI075	–
	200C07R-S90CN10N18	200	50	40	90	52	14.0 – 18.5	-8	4	7	14	–	6100	–	4.05	GI195	DI073	–

	GI195	CNHQ 1005..
	GI196	XNHQ 1205..
	GI197	XNHQ 1606..

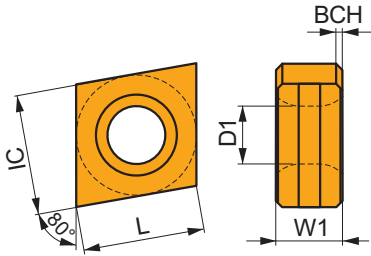
														
DI051	125H04N-S-14-08	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI052	160H06N-S-14-12	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI053	200J07N-S-14-14	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI054	250J09N-S-14-18	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI055	315J12N-S-14-24	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI056	160H05N-S-19-10	KL-1924-XN12	KR-1924-XN12	KS 617M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI057	200J06N-S-19-12	KL-1924-XN12	KR-1924-XN12	KS 617M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI058	250J08N-S-19-16	KL-1924-XN12	KR-1924-XN12	KS 617M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI059	315J10N-S-19-20	KL-1924-XN12	KR-1924-XN12	KS 617M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI060	200J06N-S-25-12	KL-2530-XN16	KR-2530-XN16	KS 623M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI061	250J08N-S-25-16	KL-2530-XN16	KR-2530-XN16	KS 623M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI062	315K10N-S-25-20	KL-2530-XN16	KR-2530-XN16	KS 623M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI071	125B04R-S-14-08	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI072	160B06R-S-14-12	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI073	200C07R-S-14-14	KL-1418-CN10	KR-1418-CN10	KS 613F	DS 6018F	SDR T20	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	–
DI074	160B05R-S-19-10	KL-1924-XN12	KR-1924-XN12	KS 617M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4
DI075	200C06R-S-19-12	KL-1924-XN12	KR-1924-XN12	KS 617M	DS 6500	–	SS 6005-T09P	SDR T09	US 4011-T15P	3.5	M 4	10.6	SDRT15P	HXX 4

		
AC003	KS 2040	K.FMH40

CNHQ

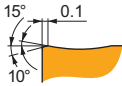
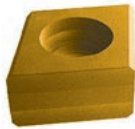
PRAMET

	BCH	IC	D1	L	W1
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1005	0.50	10.000	4.70	10.00	5.400



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	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)



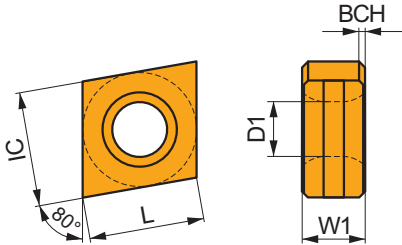
TN design specifico per la fresatura di cave, per condizioni di taglio da leggere a pesanti.

CNHQ 1005AZTN:M8330		–	310	0.15	–	185	0.14	–	290	0.15	–	–	–	–	–	–	–	–	–	–
CNHQ 1005AZTN:M8340		–	280	0.15	–	165	0.14	–	265	0.15	–	–	–	–	–	–	–	–	–	–

XNHQ

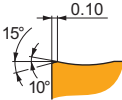
PRAMET

	BCH	IC	D1	L	W1
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1205	0.50	10.000	4.70	12.70	5.400
1606	0.50	12.000	5.90	16.00	6.400



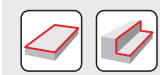
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE	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)



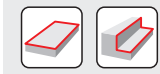
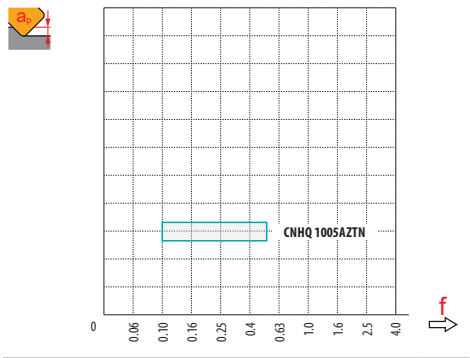
TN design specifico per la fresatura di cave.

XNHQ 1205AZTN:M8330		–	310	0.15	–	185	0.14	–	290	0.15	–	–	–	–	–	–	–	–	–	–
XNHQ 1205AZTN:M8340		–	275	0.15	–	165	0.14	–	260	0.15	–	–	–	–	–	–	–	–	–	–
XNHQ 1606AZTN:M8330		–	300	0.15	–	180	0.14	–	285	0.15	–	–	–	–	–	–	–	–	–	–
XNHQ 1606AZTN:M8340		–	270	0.15	–	160	0.14	–	255	0.15	–	–	–	–	–	–	–	–	–	–



a_e DC	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	0.80	0.90	1.00
	1.48	1.35	1.27	1.22	1.19	1.16	1.11	1.08	1.05	1.03	1.00	1.00	1.00	1.00

	XNHQ 10
	—
	—



				
	125	4	34	34
	160	6	50	50
	200	7	60	60
	250	9	85	85
	315	12	110	110
	125	4	25	125
	160	6	44	160
	200	7	52	200



	a_e	5		10		15		20		25	
		f_{min} 	f_{max} 	f_{min} 	f_{max} 	f_{min} 	f_{max} 	f_{min} 	f_{max} 	f_{min} 	f_{max} 
	125	0.35	0.45	0.25	0.32	0.21	0.27	0.18	0.23	0.16	0.21
	160	0.40	0.51	0.28	0.36	0.23	0.30	0.20	0.26	0.18	0.23
	200	0.44	0.57	0.32	0.41	0.26	0.33	0.23	0.29	0.20	0.26
	250	0.50	0.64	0.35	0.45	0.29	0.37	0.25	0.32	0.23	0.29
	315	0.56	0.72	0.39	0.51	0.32	0.42	0.28	0.36	0.25	0.32
	125	0.35	0.45	0.25	0.32	0.21	0.27	0.18	0.23	0.16	0.21
	160	0.40	0.51	0.28	0.36	0.23	0.30	0.20	0.26	0.18	0.23
	200	0.44	0.57	0.32	0.41	0.26	0.33	0.23	0.29	0.20	0.26

	a _e	32		40		50		63		80	
		f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max} 
	125	0.15	0.19	—	—	—	—	—	—	—	—
	160	0.16	0.21	0.15	0.19	—	—	—	—	—	—
	200	0.18	0.23	0.16	0.21	0.15	0.19	—	—	—	—
	250	0.20	0.26	0.18	0.23	0.16	0.21	0.15	0.19	0.13	0.17
	315	0.22	0.29	0.20	0.26	0.18	0.23	0.16	0.21	0.15	0.19
	125	0.15	0.19	0.13	0.17	0.12	0.15	0.11	0.14	0.10	0.13
	160	0.16	0.21	0.15	0.19	0.13	0.17	0.12	0.16	0.11	0.14
	200	0.18	0.23	0.16	0.21	0.15	0.19	0.13	0.17	0.12	0.15

	a _e	100		125		160		200	
		f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max} 	f _{min} 	f _{max} 
	125	—	—	—	—	—	—	—	—
	160	—	—	—	—	—	—	—	—
	200	—	—	—	—	—	—	—	—
	250	—	—	—	—	—	—	—	—
	315	0.13	0.17	—	—	—	—	—	—
	125	0.10	0.12	0.10	0.11	—	—	—	—
	160	0.10	0.13	0.10	0.12	0.10	0.11	—	—
	200	0.11	0.14	0.10	0.13	0.10	0.12	0.10	0.11

F-SCC



PRAMET

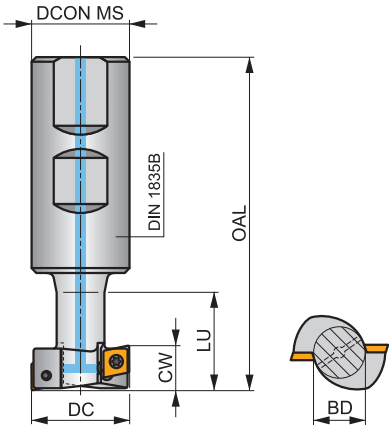
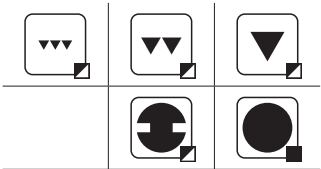
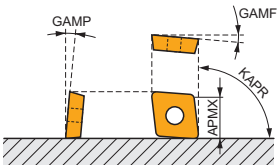
S



Fresa per cave a T con inserto CCMX con passaggio interno del refrigerante

Fresa a fissaggio meccanico per cave a T che utilizza inserti CCMX monolaterali. Passaggio refrigerante interno. Adatta per fresatura di cave a T, retro lamature, spallamenti e cave poco profonde. Disponibile con attacco Weldon. Corpo trattato per una maggiore durata dell'utensile.

KAPR	90°
APMX	11.0 – 18.0 mm



 0.05 – 0.08



Codice prodotto	DC	BD	OAL	DCON MS	LU	CW								
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)								
 25F1R030B25-SCC06-C	25	12	86	25	25	11.00	1	2	–	28100	✓	0.26	G148	SQ213
32F1R038B32-SCC08-C	32	16	98	32	33	14.00	1	2	–	19100	✓	0.50	G149	SQ212
40F2R046B32-SCC09-C	40	20	105	32	41	18.00	2	4	–	14900	✓	0.56	G150	SQ212

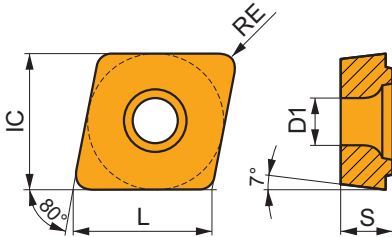
		
G148		CCMX 060304
G149		CCMX 08T308
G150		CCMX 09T308

					
SQ212	US 3007-T09P	2.0	M 3	7.3	Flag T09P
SQ213	US 2506-T07P	1.2	M 2.5	6.3	Flag T07P

CCMX

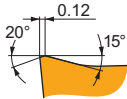
PRAMET

	IC	D1	L	S
	(mm)	(mm)	(mm)	(mm)
0603	6.350	2.80	6.40	3.50
08T3	8.030	3.50	8.10	4.40
09T3	9.525	3.50	9.70	3.97



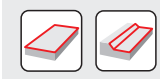
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE	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)

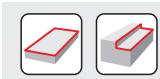
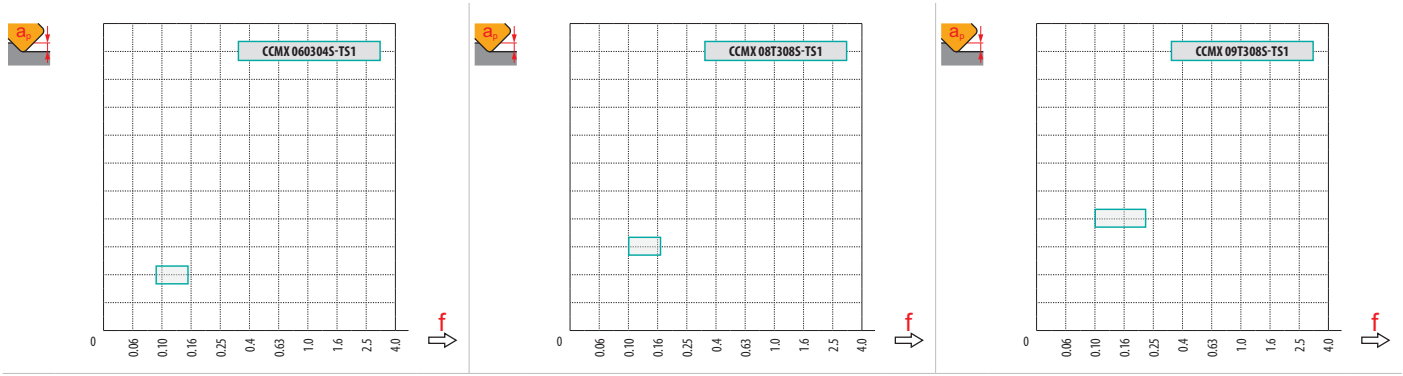


TS1 design specifico per la fresa a T per condizioni di taglio da leggere a medie.

CCMX 060304S-TS1:M8330	●	0.4	240	0.10	—	140	0.09	—	225	0.10	—	—	—	—	—	—	—	—	—	—
CCMX 060304S-TS1:M8340	●	0.4	215	0.10	—	125	0.09	—	200	0.10	—	—	—	—	—	—	—	—	—	—
CCMX 08T308S-TS1:M8330	●	0.8	275	0.10	—	165	0.10	—	260	0.10	—	—	—	—	—	—	—	—	—	—
CCMX 09T308S-TS1:M8330	●	0.8	270	0.10	—	160	0.10	—	255	0.10	—	—	—	—	—	—	—	—	—	—
CCMX 09T308S-TS1:M8340	●	0.8	240	0.10	—	140	0.10	—	225	0.10	—	—	—	—	—	—	—	—	—	—



	CCMX 06-TS1	CCMX 08-TS1	CCMX 09-TS1
RE	0.4	0.8	0.8
BS	–	–	–



a_e / DC	5 %	10 %	15 %	20 %	25 %	30 %	40 %	50 %	60 %	70 %	75 %	80 %	90 %	100 %
X.V	1.48	1.35	1.27	1.22	1.19	1.16	1.11	1.08	1.05	1.03	1.00	1.00	1.00	1.00



	$a_e = 1$		$a_e = 2$		$a_e = 3$		$a_e = 4$		$a_e = 5$		$a_e = 8$		$a_e = 10$	
	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}
25	0.25	0.40	0.18	0.29	0.15	0.24	0.13	0.21	0.12	0.19	0.09	0.15	0.09	0.14
32	0.28	0.45	0.20	0.32	0.17	0.27	0.14	0.23	0.13	0.21	0.10	0.17	0.09	0.15
40	0.32	0.51	0.23	0.36	0.18	0.30	0.16	0.26	0.14	0.23	0.12	0.19	0.10	0.17

	$a_e = 12$		$a_e = 16$		$a_e = 20$		$a_e = 25$		$a_e = 32$		$a_e = 40$	
	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}	f_{min}	f_{max}
25	0.08	0.13	0.07	0.12	0.07	0.11	0.08	0.13	–	–	–	–
32	0.09	0.14	0.08	0.13	0.07	0.12	0.07	0.11	0.08	0.13	–	–
40	0.10	0.15	0.09	0.14	0.08	0.13	0.07	0.12	0.07	0.11	0.08	0.13

- Valido per frese a disco
- Valido per frese a spallamento e a spianare
- Valido per frese a spallamento



			
25	1	11	6.4
32	1	14	8.0
40	2	18	9.7

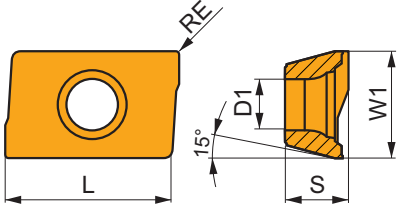


ALTRI INSERTI DI FRESATURA

ADKT 15

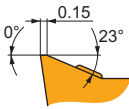


	W1	D1	L	S
	(mm)	(mm)	(mm)	(mm)
1505	9.525	4.40	15.55	5.60



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)



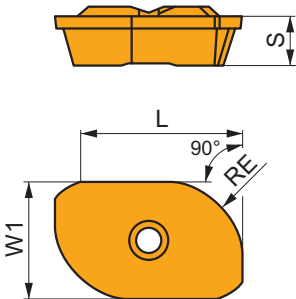
M geometria con design altamente positivo per lavorazioni medie.

ADKT 1505PDER-M:M8330		0.8		235	0.20	5.0		140	0.18	5.0		220	0.20	5.0			55	0.16	4.0		—	—	—
ADKT 1505PDER-M:M8340		0.8		210	0.20	5.0		125	0.18	5.0			195	0.20	5.0		50	0.16	4.0		—	—	—
ADKT 1505PDER-M:M9325		0.8		290	0.20	5.0		—	—	—		275	0.20	5.0			—	—	—		—	—	—

ADKX 15

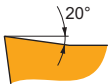


	W1	L	S
	(mm)	(mm)	(mm)
15T3	9.525	12.20	3.97



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/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)



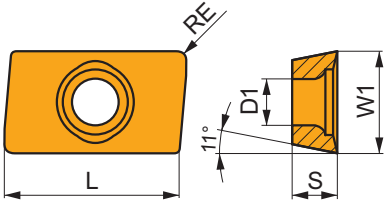
F geometria con design altamente affilato per lavorazioni da leggere a medie.

ADKX 15T308ER-F:M8345		0.8		170	0.10	10.0		100	0.09	10.0		—	—	—			40	0.07	8.0		—	—	—
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APMT 16

PRAMET

	W1	D1	L	S
	(mm)	(mm)	(mm)	(mm)
1604	9.600	4.50	17.00	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)



F geometria con design positivo per lavorazioni leggere.

APMT 1604PDER-F:M8330		—	320	0.10	2.0	190	0.09	2.0	300	0.10	2.0	—	—	—	80	0.07	1.6	—	—	—
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FM geometria con design positivo per lavorazioni da leggere a medie.

APMT 1604PDER-FM:M8330		—	285	0.16	2.0	170	0.14	2.0	270	0.16	2.0	—	—	—	70	0.13	1.6	—	—	—
APMT 1604PDER-FM:M8345		—	205	0.16	2.0	120	0.14	2.0	—	—	—	—	—	—	50	0.13	1.6	—	—	—



ER-R geometria con design positivo adatta per la sgrossatura.

APMT 1604PDER-R:M8330		—	255	0.16	5.0	—	—	—	240	0.16	5.0	—	—	—	—	—	—	—	—	—
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SR-R geometria con design positivo per lavorazioni di sgrossatura.

APMT 1604PDSR-R:M8330		—	255	0.18	5.0	—	—	—	240	0.18	5.0	—	—	—	—	—	—	—	—	—
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CNM



D1
(mm)

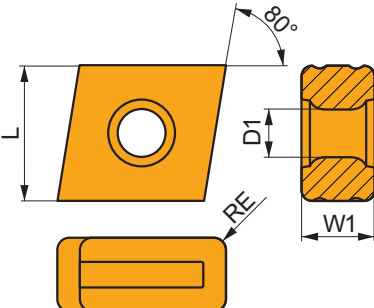
5.50

L
(mm)

15.00

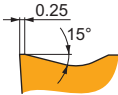
S
(mm)

8.00



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)



563 geometria universale.

CNM 563:M8330		1.2		185	0.30	10.0		—	—	—		175	0.30	10.0		—	—	—		—	—	—
CNM 563:M8340		1.2		220	0.30	10.0		—	—	—		205	0.30	10.0		—	—	—		—	—	—

HNEF 09



IC
(mm)

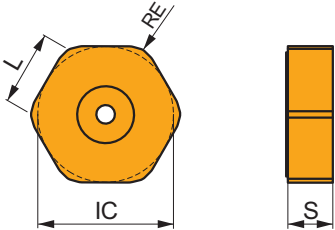
16.200

L
(mm)

9.40

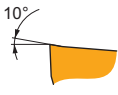
S
(mm)

5.64



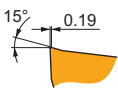
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

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)



R geometria con design negativo per lavorazioni da leggere a pesanti.

HNMF 090516SN-R:R215		1.6		—	—	—		—	—	—		380	0.15	1.5		—	—	—		—	—	—
HNMF 090516SN-R:M5315		1.6		—	—	—		—	—	—		265	0.30	3.0		—	—	—		—	—	—



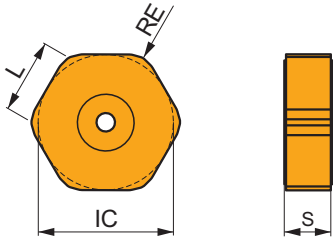
M geometria con design positivo per lavorazioni da leggere a medie.

HNEF 090508EN-M:M5315		0.8		—	—	—		—	—	—		290	0.18	3.0		—	—	—		—	—	—
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HNMF 09

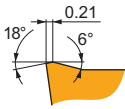
PRAMET

	IC (mm)	L (mm)	S (mm)
0905	16.200	9.40	5.64



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	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)



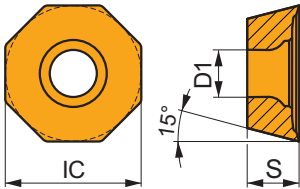
R geometria con design negativo per lavorazioni da leggere a pesanti.

HNMF 090516SN-R:8215		1.6	—	—	—	—	—	—	210	0.30	3.0	—	—	—	—	—	—	—	—	—
HNMF 090516SN-R:M5315		1.6	—	—	—	—	—	—	265	0.30	3.0	—	—	—	—	—	—	—	—	—

ODMT 05

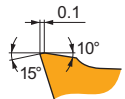
PRAMET

	IC (mm)	D1 (mm)	S (mm)
0504	12.700	4.40	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	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)



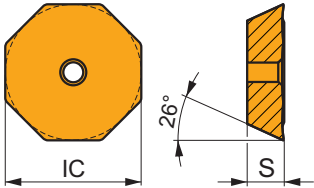
ZZN design leggermente positivo per lavorazioni medie.

ODMT 0504ZZN:M8340		—	195	0.25	1.5	—	—	—	185	0.25	1.5	—	—	—	—	—	—	—	—	—
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OFKR 07

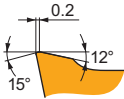
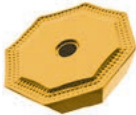
PRAMET

	IC (mm)	D1 (mm)	S (mm)
0704	17.845	2.65	4.56



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	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)



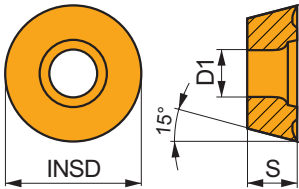
M geometria con design positivo per lavorazioni da leggere a medie.

OFKR 0704SN-M:M8330		—	235	0.25	1.5	140	0.23	1.5	220	0.25	1.5	—	—	—	—	—	—	—	—	—
OFKR 0704SN-M:M8340		—	215	0.25	1.5	125	0.23	1.5	200	0.25	1.5	—	—	—	—	—	—	—	—	—

RDET

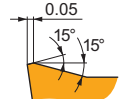
PRAMET

	INSD (mm)	D1 (mm)	S (mm)
0802	8.000	3.40	2.38
1003	10.000	4.40	3.18
12T3	12.000	4.40	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	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)



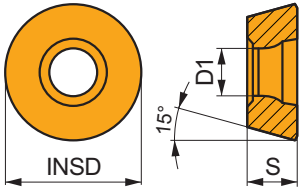
SN design positivo per lavorazioni di finitura.

RDET 0802MOSN:M8340		—	335	0.15	0.5	200	0.14	0.5	315	0.15	0.5	—	—	—	80	0.12	0.4	—	—	—
RDET 1003MOSN:M8340		—	310	0.15	1.0	185	0.14	1.0	290	0.15	1.0	—	—	—	75	0.12	0.8	—	—	—
RDET 12T3MOSN:M8340		—	280	0.20	1.5	165	0.18	1.5	265	0.20	1.5	—	—	—	70	0.14	1.2	—	—	—

RDHX 20

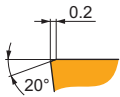


	INSD	D1	S
	(mm)	(mm)	(mm)
2006	20.000	5.20	6.35



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	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)



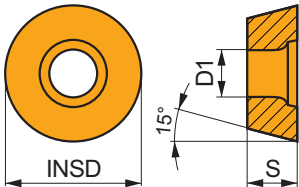
MOT design con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni di finitura.

RDHX 2006MOT:M8310		—		240	0.35	3.0		—	—	—		225	0.35	3.0		—	—	—		45	0.18	1.3
RDHX 2006MOT:M8325		—		180	0.35	3.0		—	—	—		—	—	—		—	—	—		—	—	—

RPET 12

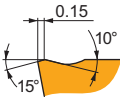


	INSD	D1	S
	(mm)	(mm)	(mm)
1204	12.000	4.40	4.76



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	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)



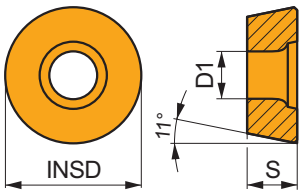
MOSN design positivo per lavorazioni di finitura.

RPET 1204MOSN:8215		—		325	0.20	1.5		195	0.18	1.5		305	0.20	1.5		80	0.14	1.2		—	—	—
RPET 1204MOSN:M8330		—		320	0.20	1.5		190	0.18	1.5		300	0.20	1.5		80	0.14	1.2		—	—	—
RPET 1204MOSN:M8340		—		295	0.20	1.5		175	0.18	1.5		280	0.20	1.5		70	0.14	1.2		—	—	—

RPEW 12

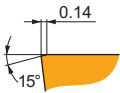
PRAMET

	INS D	D1	S
	(mm)	(mm)	(mm)
1204	12.000	4.40	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	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)



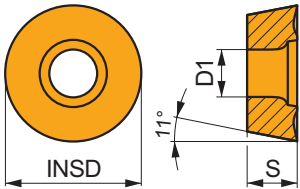
MOSN design con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni di finitura.

RPEW 1204MOSN:M8330		—		285	0.20	1.5	—	—	—		270	0.20	1.5	—	—	—	—	—	—		55	0.10	0.8
RPEW 1204MOSN:M8340		—		265	0.20	1.5	—	—	—		250	0.20	1.5	—	—	—	—	—	—	—	—	—	—

RPEX

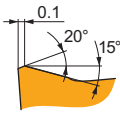
PRAMET

	INS D	D1	S
	(mm)	(mm)	(mm)
1204	12.000	4.40	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	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)



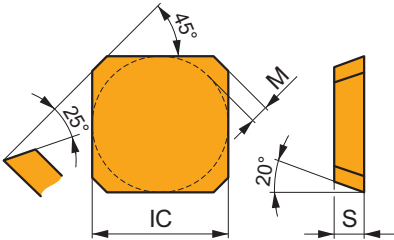
12 design positivo per lavorazioni di finitura.

RPEX 1204MOSN-12:M8340		—		215	0.30	1.5		125	0.27	1.5		200	0.30	1.5	—	—	—		50	0.21	1.2	—	—	—
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SEEN

PRAMET

	IC (mm)	M (mm)	S (mm)
1203	12.700	1.6	3.18
1504	15.875	2.0	4.76



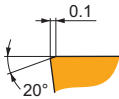
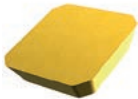
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

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



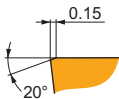
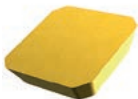
AFFN preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni da leggera a medie.

SEEN 1203AFFN:M8330		—	270	0.15	2.0		160	0.14	2.0		255	0.15	2.0	—	—	—	—	—	—	—
SEEN 1203AFFN:M8340		—	245	0.15	2.0		145	0.14	2.0		230	0.15	2.0	—	—	—	—	—	—	—



AFSN preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni da medie a pesanti.

SEEN 1203AFSN:8215		—		255	0.20	2.0		—	—	—		240	0.20	2.0		—	—	—		—	—	—		50	0.13	1.0
SEEN 1203AFSN:M8330		—		255	0.20	2.0		—	—	—		240	0.20	2.0		—	—	—		—	—	—		50	0.13	1.0
SEEN 1203AFSN:M8340		—		230	0.20	2.0		—	—	—		215	0.20	2.0		—	—	—		—	—	—		—	—	—
SEEN 1203AFSN:M9315		—		340	0.20	2.0		—	—	—		320	0.20	2.0		—	—	—		—	—	—		65	0.13	1.0
SEEN 1203AFSN:M9325		—		315	0.20	2.0		—	—	—		295	0.20	2.0		—	—	—		—	—	—		60	0.13	1.0



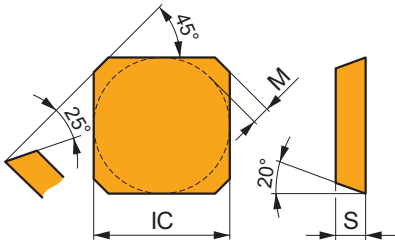
AFSN preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni da medie a pesanti.

SEEN 1504AFSN:M8330		—		240	0.20	3.0		—	—	—		225	0.20	3.0		—	—	—		—	—	—		45	0.13	1.3
SEEN 1504AFSN:M8340		—		225	0.20	3.0		—	—	—		210	0.20	3.0		—	—	—		—	—	—		—	—	—

SEER

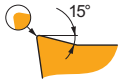
PRAMET

	IC (mm)	M (mm)	S (mm)
1203	12.700	1.6	3.18
1204	12.700	1.6	4.76
1504	15.875	2.0	4.76



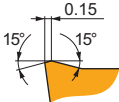
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

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



AFEN preparazione del tagliente geometria per lavorazioni da medie a pesanti.

SEER 1203AFEN:M8330		–	265	0.24	2.5	155	0.22	2.5	250	0.24	2.5	–	–	–	65	0.22	2.0	–	–	–
SEER 1203AFEN:M8340		–	245	0.24	2.5	145	0.22	2.5	230	0.24	2.5	–	–	–	60	0.22	2.0	–	–	–



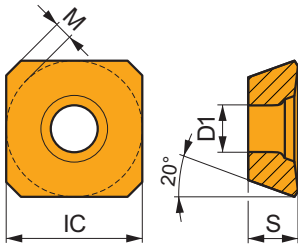
AFSN preparazione del tagliente geometria per lavorazioni da medie a pesanti.

SEER 1203AFSN:M8330		–	265	0.25	2.5	155	0.23	2.5	250	0.25	2.5	–	–	–	65	0.20	2.0	–	–	–
SEER 1203AFSN:M8340		–	240	0.25	2.5	140	0.23	2.5	225	0.25	2.5	–	–	–	60	0.20	2.0	–	–	–
SEER 1204AFSN:M8330		–	265	0.25	2.5	155	0.23	2.5	250	0.25	2.5	–	–	–	65	0.20	2.0	–	–	–
SEER 1504AFSN:M8330		–	255	0.25	3.5	150	0.23	3.5	240	0.25	3.5	–	–	–	60	0.20	2.8	–	–	–
SEER 1504AFSN:M8340		–	230	0.25	3.5	135	0.23	3.5	215	0.25	3.5	–	–	–	55	0.20	2.8	–	–	–

SEET 12

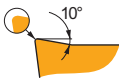
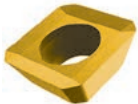
PRAMET

	IC (mm)	D1 (mm)	M (mm)	S (mm)
1204	12.700	5.50	1.6	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 (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)

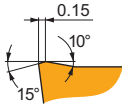
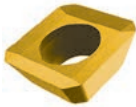


AFEN preparazione del tagliente geometria positiva per applicazioni generiche.

SEET 1204AFEN:M8330		–	265	0.24	2.5	155	0.22	2.5	250	0.24	2.5	–	–	–	65	0.22	2.0	–	–	–
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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)



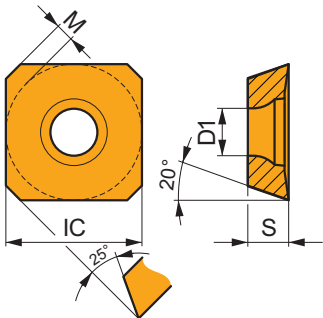
AFSN preparazione del tagliente geometria positiva per applicazioni generiche.

SEET 1204AFSN:8215		—	265	0.23	2.5	155	0.21	2.5	250	0.23	2.5	—	—	—	65	0.21	2.0	—	—	—
SEET 1204AFSN:M8330		—	265	0.24	2.5	155	0.22	2.5	250	0.24	2.5	—	—	—	65	0.22	2.0	—	—	—
SEET 1204AFSN:M8340		—	240	0.25	2.5	140	0.23	2.5	225	0.25	2.5	—	—	—	60	0.23	2.0	—	—	—
SEET 1204AFSN:M9325		—	340	0.20	2.5	—	—	—	320	0.20	2.5	—	—	—	—	—	—	—	—	—

SEET 12-PM

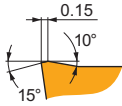
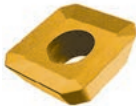


	IC (mm)	D1 (mm)	M (mm)	S (mm)
12T3	13.400	4.20	1.5	3.97



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/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)



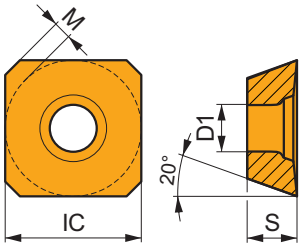
PM geometria con design positivo per applicazioni generiche.

SEET 12T3M-PM:M8330		—	265	0.25	2.0	155	0.23	2.0	250	0.25	2.0	—	—	—	65	0.20	1.6	—	—	—
SEET 12T3M-PM:M8340		—	245	0.25	2.0	145	0.23	2.0	230	0.25	2.0	—	—	—	60	0.20	1.6	—	—	—
SEET 12T3M-PM:M9325		—	325	0.25	2.0	—	—	—	305	0.25	2.0	—	—	—	—	—	—	—	—	—
SEET 12T3M-PM:M9340		—	290	0.25	2.0	170	0.23	2.0	—	—	—	—	—	—	70	0.20	1.6	—	—	—

SEET 12-FA

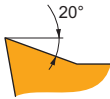
PRAMET

	IC	D1	M	S
	(mm)	(mm)	(mm)	(mm)
1204	12.700	5.50	1.6	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	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)



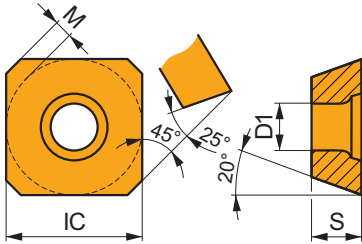
FA geometria con design altamente positivo per lavorazioni da leggere a medie.

SEET 1204AFN-FA:HF7		-	-	-	-	-	-	-	-	-	-	330	0.18	3.0	-	-	-	-	-	-
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SEEW 12

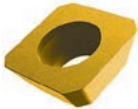
PRAMET

	IC	D1	M	S
	(mm)	(mm)	(mm)	(mm)
1204	12.700	5.50	1.6	4.76



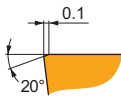
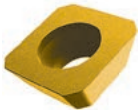
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE	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)



AFEN preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni da leggere a medie.

SEEW 1204AFEN:M8330		-	265	0.15	2.5	-	-	-	250	0.15	2.5	-	-	-	-	-	-	-	-	-
SEEW 1204AFEN:M8340		-	240	0.15	2.5	-	-	-	225	0.15	2.5	-	-	-	-	-	-	-	-	-



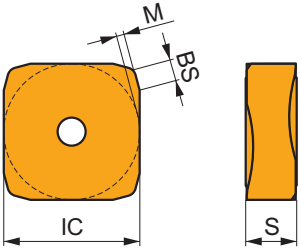
AFSN preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni da leggere a medie.

SEEW 1204AFSN:8215		-	250	0.20	2.5	-	-	-	235	0.20	2.5	-	-	-	-	-	-	50	0.13	1.0
SEEW 1204AFSN:M8330		-	245	0.20	2.5	-	-	-	230	0.20	2.5	-	-	-	-	-	-	45	0.13	1.0
SEEW 1204AFSN:M8340		-	225	0.20	2.5	-	-	-	210	0.20	2.5	-	-	-	-	-	-	-	-	-
SEEW 1204AFSN:M9325		-	305	0.20	2.5	-	-	-	285	0.20	2.5	-	-	-	-	-	-	60	0.13	1.0

SNHF

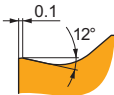


	BS (mm)	IC (mm)	M (mm)	S (mm)
1204	2.00	12.700	0.5	4.76
1504	1.40	15.875	1.1	4.76



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)



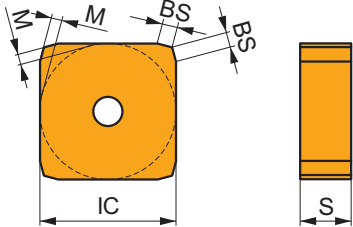
M geometria con design positivo per lavorazioni da leggere a medie.

SNHF 1204ENSR-M:M8330		—		235	0.15	4.0	—	—	—		220	0.15	4.0	—	—	—	—	—	—	—
SNHF 1504ENSR-M:M8340		—		220	0.15	6.0	—	—	—		205	0.15	6.0	—	—	—	—	—	—	—

SNHN

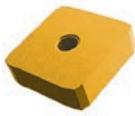


	BS (mm)	IC (mm)	M (mm)	S (mm)
1204	1.40	12.700	0.9	4.76
1504	1.40	15.875	1.3	4.76



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)



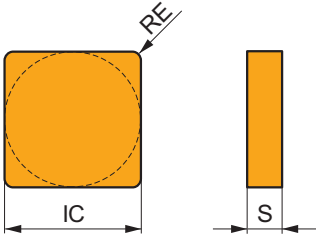
ENEN geometria standard negativa di fresatura per la spianatura a 75°.

SNHN 1204ENEN:8215		—		275	0.15	6.0		—	—	—		260	0.15	6.0		—	—	—		—	—	—		55	0.11	1.0
SNHN 1204ENEN:M8330		—		270	0.15	6.0		—	—	—		255	0.15	6.0		—	—	—		—	—	—		50	0.11	1.0
SNHN 1204ENEN:M8340		—		245	0.15	6.0		—	—	—		230	0.15	6.0		—	—	—		—	—	—		—	—	—
SNHN 1204ENEN:S26		—		110	0.15	6.0		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—
SNHN 1504ENEN:8215		—		260	0.15	9.0		—	—	—		245	0.15	9.0		—	—	—		—	—	—		50	0.11	1.3
SNHN 1504ENEN:M8330		—		260	0.15	9.0		—	—	—		245	0.15	9.0		—	—	—		—	—	—		50	0.11	1.3
SNHN 1504ENEN:M8340		—		235	0.15	9.0		—	—	—		220	0.15	9.0		—	—	—		—	—	—		—	—	—
SNHN 1504ENEN:S26		—		105	0.15	9.0		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—

SNUN

PRAMET

	IC (mm)	S (mm)
1204	12.700	4.76
1504	15.875	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	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)



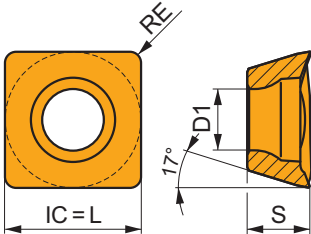
N inserto di fresatura con geometria negativa, possibilmente adattabile anche in tornitura.

SNUN 120408:M8330		0.8		260	0.13	4.5		—	—	—		245	0.13	4.5		—	—	—		—	—	—		50	0.10	1.0
SNUN 120412:M8330		1.2		275	0.13	4.5		—	—	—		260	0.13	4.5		—	—	—		—	—	—		55	0.10	1.0
SNUN 150412:M8330		1.2		255	0.15	6.0		—	—	—		240	0.15	6.0		—	—	—		—	—	—		50	0.12	1.3

SOMT 05

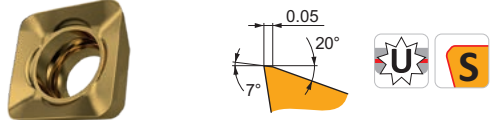
PRAMET

	IC (mm)	D1 (mm)	L (mm)	S (mm)
0502	5.570	2.50	5.57	2.63



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		P			M			K			N			S			H		
		RE																	
		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)



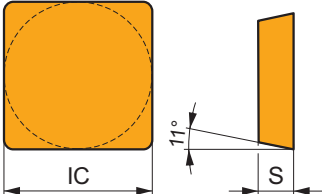
M geometria con design positivo per lavorazioni da leggera a medie.

SOMT 050204SR-M:M6330		0.4		255	0.05	2.5		180	0.05	2.5		—	—	—		—	—	—		75	0.04	2.0		—	—	—
SOMT 050204SR-M:M8330		0.4		290	0.05	2.5		170	0.05	2.5		275	0.05	2.5		—	—	—		70	0.04	2.0		—	—	—
SOMT 050208SR-M:M8330		0.8		350	0.05	2.5		210	0.05	2.5		330	0.05	2.5		—	—	—		85	0.04	2.0		—	—	—

SPGN



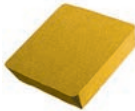
	IC (mm)	S (mm)
0903	9.525	3.18
1203	12.700	3.18
1504	15.875	4.76



PRAMET

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		P			M			K			N			S			H		
		RE																	
		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)



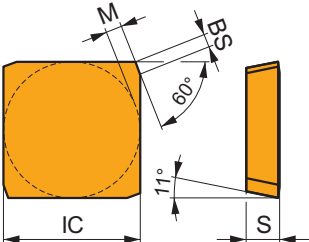
N design con angolo di spoglia superiore del tagliente a zero gradi per inserto di fresatura, possibilmente adattabile anche in tornitura.

SPGN 090308:M8340		0.8		225	0.15	2.0		—	—	—		210	0.15	2.0		—	—	—		—	—	—		—	—	—
SPGN 120308:M8330		0.8		230	0.15	4.0		—	—	—		215	0.15	4.0		—	—	—		—	—	—		—	—	—
SPGN 150412:M8330		1.2		225	0.20	5.0		—	—	—		210	0.20	5.0		—	—	—		—	—	—		—	—	—

SPGN 25 DZ



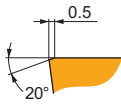
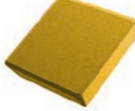
	IC (mm)	M (mm)	S (mm)	BS (mm)
2506	25.000	3.5	6.35	2.40



PRAMET

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)



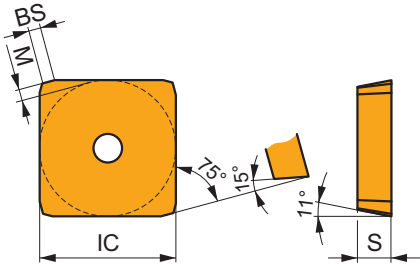
DZ geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni pesanti.

SPGN 2506DZSR:M8326		—		110	0.50	12.0		—	—	—		100	0.50	12.0		—	—	—		—	—	—		—	—	—
SPGN 2506DZSR:M8346		—		90	0.50	12.0		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—

SPKN

PRAMET

	IC	M	S	BS
	(mm)	(mm)	(mm)	(mm)
1203	12.700	0.9	3.18	1.60
1504	15.875	1.3	4.76	1.70



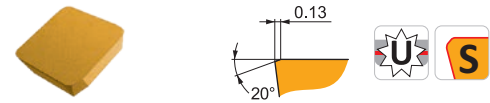
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE	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)



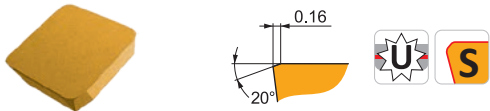
EDER preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni da leggera a medie.

SPKN 1203EDER:M8330		—	255	0.15	4.0	—	—	—	240	0.15	4.0	—	—	—	—	—	—	—	—	—
SPKN 1203EDER:M8340		—	230	0.15	4.0	—	—	—	215	0.15	4.0	—	—	—	—	—	—	—	—	—
SPKN 1504EDER:M8330		—	235	0.20	5.0	—	—	—	220	0.20	5.0	—	—	—	—	—	—	—	—	—
SPKN 1504EDER:M8340		—	210	0.20	5.0	—	—	—	195	0.20	5.0	—	—	—	—	—	—	—	—	—



EDSR preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni medie

SPKN 1203EDSL:M8330		—	240	0.20	4.0	—	—	—	225	0.20	4.0	—	—	—	—	—	—	45	0.13	1.0
SPKN 1203EDSR:M8330		—	240	0.20	4.0	—	—	—	225	0.20	4.0	—	—	—	—	—	—	45	0.13	1.0
SPKN 1203EDSR:M8340		—	215	0.20	4.0	—	—	—	200	0.20	4.0	—	—	—	—	—	—	—	—	—
SPKN 1203EDSR:M9325		—	290	0.20	4.0	—	—	—	275	0.20	4.0	—	—	—	—	—	—	55	0.13	1.0
SPKN 1203EDSR:S26		—	95	0.20	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



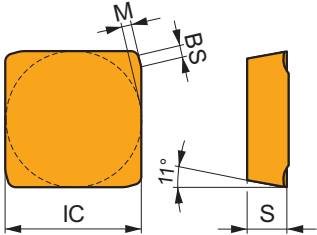
EDS. Preparazione del tagliente EDSR (taglio destrorso) / EDSL (taglio sinistrorso), geometria con angolo di spoglia superiore del tagliente a zero per lavorazioni medie.

SPKN 1504EDSR:8215		—	220	0.25	5.0	—	—	—	205	0.25	5.0	—	—	—	—	—	—	40	0.13	1.3
SPKN 1504EDSR:M8330		—	220	0.25	5.0	—	—	—	205	0.25	5.0	—	—	—	—	—	—	40	0.13	1.3
SPKN 1504EDSR:M8340		—	205	0.25	5.0	—	—	—	190	0.25	5.0	—	—	—	—	—	—	—	—	—
SPKN 1504EDSR:M9315		—	285	0.25	5.0	—	—	—	270	0.25	5.0	—	—	—	—	—	—	55	0.13	1.3
SPKN 1504EDSR:M9325		—	270	0.25	5.0	—	—	—	255	0.25	5.0	—	—	—	—	—	—	50	0.13	1.3
SPKN 1504EDSR:S26		—	90	0.25	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SPKR

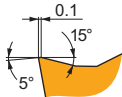
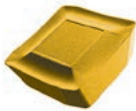


	IC (mm)	L (mm)	M (mm)	S (mm)
1203	12.700	12.70	0.9	3.18
1504	15.875	15.88	1.2	4.76



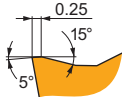
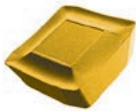
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

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



EDSR preparazione del tagliente geometria per lavorazioni da medie a pesanti.

SPKR 1203EDSR:M8330		—	265	0.20	4.0	155	0.18	4.0	250	0.20	4.0	—	—	—	—	—	—	—	—	—
SPKR 1203EDSR:M8340		—	240	0.20	4.0	140	0.18	4.0	225	0.20	4.0	—	—	—	—	—	—	—	—	—



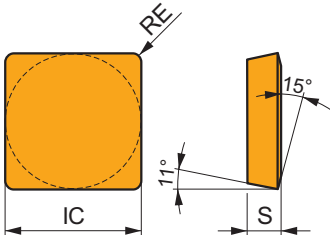
EDSR preparazione del tagliente geometria per lavorazioni da medie a pesanti.

SPKR 1504EDSR:M8330		—	245	0.25	5.0	145	0.25	5.0	230	0.25	5.0	—	—	—	—	—	—	—	—	—
SPKR 1504EDSR:M8340		—	225	0.25	5.0	135	0.25	5.0	210	0.25	5.0	—	—	—	—	—	—	—	—	—

SPUN



	IC (mm)	S (mm)
1203	12.700	3.18
1504	15.875	4.76
1904	19.050	4.76
2506	25.400	6.35



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 (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)	vc (m/min)	f (mm/tooth)	ap (mm)



N inserto di fresatura con angolo di spoglia superiore del tagliente a zero gradi, possibilmente adattabile anche in tornitura.

SPUN 120304:M8330		0.4	195	0.15	4.0	—	—	—	185	0.15	4.0	—	—	—	—	—	—	—	—	—
SPUN 120308:M8330		0.8	230	0.15	4.0	—	—	—	215	0.15	4.0	—	—	—	—	—	—	—	—	—
SPUN 120308:S26		0.8	95	0.15	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SPUN 120312:M8330		1.2	245	0.15	4.0	—	—	—	230	0.15	4.0	—	—	—	—	—	—	—	—	—

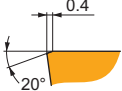
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE	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)



N inserto di fresatura con angolo di spoglia superiore del tagliente a zero gradi, possibilmente adattabile anche in tornitura.

SPUN 150412:M8330		1.2		225	0.20	5.0	—	—	—		210	0.20	5.0	—	—	—	—	—	—	—
SPUN 190408:M8330		0.8		210	0.20	6.0	—	—	—		195	0.20	6.0	—	—	—	—	—	—	—
SPUN 190412:M8330		1.2		220	0.20	6.0	—	—	—		205	0.20	6.0	—	—	—	—	—	—	—



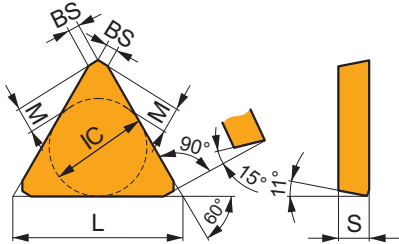
N inserto di fresatura con angolo di spoglia superiore del tagliente a zero gradi, possibilmente adattabile anche in tornitura.

SPUN 250616S:M8326	✳	1.6	🔲	115	0.40	12.0		—	—	—	🔴	105	0.40	12.0		—	—	—		—	—	—
SPUN 250620S:M5326	✳	2.0	🔲	145	0.40	12.0		—	—	—	🔴	135	0.40	12.0		—	—	—		—	—	—
SPUN 250620S:M8326	✳	2.0	🔲	120	0.40	12.0		—	—	—	🔴	110	0.40	12.0		—	—	—		—	—	—
SPUN 250620S:M8346	✳	2.0	🔴	100	0.40	12.0		—	—	—		—	—	—		—	—	—		—	—	—
SPUN 250620S:S26	✳	2.0	🔴	45	0.40	12.0		—	—	—		—	—	—		—	—	—		—	—	—

TPCN 16

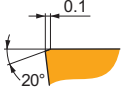


	BS (mm)	IC (mm)	L (mm)	M (mm)	S (mm)
1603	1.20	9.530	16.10	2.5	3.18



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	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)



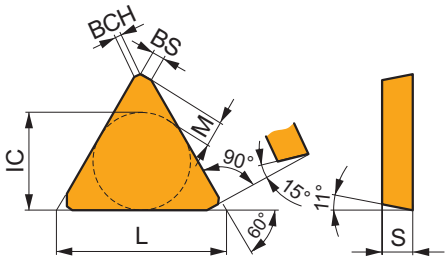
XNCB design specifico per la fresa a disco.

TPCN 1603PDSN:M8330		—		195	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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TPKN

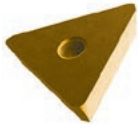


	IC	L	M	S	BCH	BS
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1603	9.530	16.50	2.5	3.18	1.20	1.30
2204	12.700	22.00	3.5	4.76	1.20	1.50



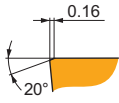
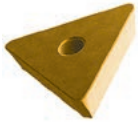
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

Codice prodotto		RE	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)



PDER preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni da leggere a medie.

TPKN 1603PDER:M8330	●	—	■	195	0.15	4.0	—	—	—	■	185	0.15	4.0	—	—	—	—	—	—	—
TPKN 1603PDER:M8340	●	—	■	175	0.15	4.0	—	—	—	■	165	0.15	4.0	—	—	—	—	—	—	—
TPKN 2204PDER:8215	●	—	■	190	0.15	5.5	—	—	—	■	180	0.15	5.5	—	—	—	—	—	—	—
TPKN 2204PDER:M8330	●	—	■	190	0.15	5.5	—	—	—	■	180	0.15	5.5	—	—	—	—	—	—	—
TPKN 2204PDER:M8340	●	—	■	170	0.15	5.5	—	—	—	■	160	0.15	5.5	—	—	—	—	—	—	—



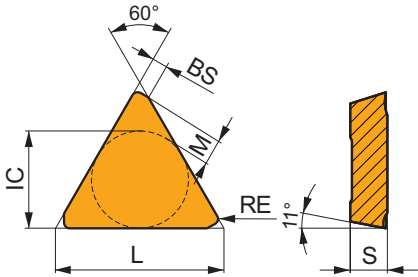
PDSR preparazione del tagliente geometria con angolo di spoglia superiore del tagliente a zero gradi per lavorazioni medie.

TPKN 1603PDSR:M8330	●	—	■	185	0.20	4.0		—	—	—	■	175	0.20	4.0		—	—	—		—	—	—	■	35	0.13	0.8
TPKN 1603PDSR:M8340	●	—	■	165	0.20	4.0		—	—	—	■	155	0.20	4.0		—	—	—		—	—	—		—	—	—
TPKN 1603PDSR:S26	●	—	■	75	0.20	4.0		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—
TPKN 2204PDSR:M8310	●	—	■	195	0.20	5.5		—	—	—	■	185	0.20	5.5		—	—	—		—	—	—	■	35	0.13	1.0
TPKN 2204PDSR:M8330	●	—	■	175	0.20	5.5		—	—	—	■	165	0.20	5.5		—	—	—		—	—	—	■	35	0.13	1.0
TPKN 2204PDSR:M8340	●	—	■	160	0.20	5.5		—	—	—	■	150	0.20	5.5		—	—	—		—	—	—		—	—	—
TPKN 2204PDSR:M9325	●	—	■	220	0.20	5.5		—	—	—	■	205	0.20	5.5		—	—	—		—	—	—	■	40	0.13	1.0
TPKN 2204PDSR:S26	●	—	■	75	0.20	5.5		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—

TPKR

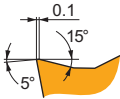


	IC	L	M	S	BS
	(mm)	(mm)	(mm)	(mm)	(mm)
1603	9.530	16.50	2.5	3.18	1.40
2204	12.700	22.00	3.5	4.76	1.40



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	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)



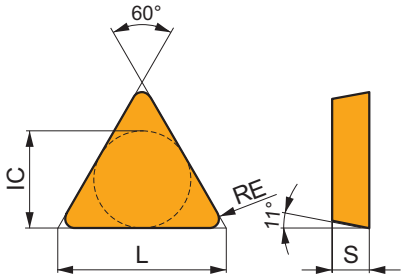
PDSR preparazione del tagliente geometria positiva per lavorazioni da medie a pesanti.

TPKR 1603PDSR:M8330		—		185	0.20	4.0		110	0.18	4.0		175	0.20	4.0		—	—	—		—	—	—
TPKR 1603PDSR:M8340		—		165	0.20	4.0		95	0.18	4.0		155	0.20	4.0		—	—	—		—	—	—
TPKR 2204PDSR:M8330		—		175	0.20	5.5		105	0.18	5.5		165	0.20	5.5		—	—	—		—	—	—
TPKR 2204PDSR:M8340		—		160	0.20	5.5		95	0.18	5.5		150	0.20	5.5		—	—	—		—	—	—
TPKR 2204PDSR:M9325		—		220	0.20	5.5		—	—	—		205	0.20	5.5		—	—	—		—	—	—

TPUN



	IC	L	S
	(mm)	(mm)	(mm)
1103	6.350	11.00	3.18
1603	9.525	16.50	3.18
2204	12.700	22.00	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	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)



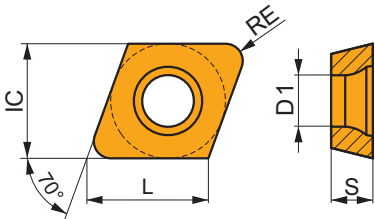
N inserto di fresatura con angolo di spoglia superiore del tagliente a zero gradi, possibilmente adattabile anche in tornitura.

TPUN 110304:M8330		0.4		—	—	—		—	—	—		150	0.10	1.2		—	—	—		—	—	—		30	0.10	0.4
TPUN 160304:8215		0.4		155	0.15	4.0		—	—	—		145	0.15	4.0		—	—	—		—	—	—		—	—	—
TPUN 160304:H10		0.4		—	—	—		—	—	—		65	0.15	4.0		—	—	—		—	—	—		—	—	—
TPUN 160304:M8330		0.4		155	0.15	4.0		—	—	—		145	0.15	4.0		—	—	—		—	—	—		—	—	—
TPUN 160304:S26		0.4		65	0.15	4.0		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—
TPUN 160308:8215		0.8		185	0.15	4.0		—	—	—		175	0.15	4.0		—	—	—		—	—	—		—	—	—
TPUN 160308:M8330		0.8		—	—	—		—	—	—		155	0.18	1.5		—	—	—		—	—	—		30	0.11	0.6
TPUN 160312:M8330		1.2		—	—	—		—	—	—		155	0.20	1.5		—	—	—		—	—	—		30	0.11	0.8
TPUN 220408:M8330		0.8		170	0.20	5.0		—	—	—		160	0.20	5.0		—	—	—		—	—	—		—	—	—
TPUN 220412:M8330		1.2		—	—	—		—	—	—		155	0.20	2.0		—	—	—		—	—	—		30	0.11	1.0

XDHW

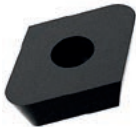


	IC	D1	L	S
	(mm)	(mm)	(mm)	(mm)
0702	6.500	2.95	6.90	2.38
10T3	10.000	3.95	10.60	3.97



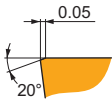
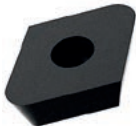
Idoneità e valori iniziali per velocità di taglio (Vc), avanzamento (f) e profondità di taglio (ap). Fare riferimento alla nostra App Machining Calculator per ulteriori calcoli.

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/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 e design per la fresatura di cave.

XDHW 070210EN:M8310		1.0		310	0.10	1.0	—	—	—		290	0.10	1.0	—	—	—	—	—	—		60	0.05	1.0
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SN geometria con angolo di spoglia superiore del tagliente a zero gradi per la fresatura di cave.

XDHW 070210SN:M8310	✳	1.0	🔲	310	0.10	1.0		—	—	—	🔲	290	0.10	1.0		—	—	—		—	—	—	🔲	60	0.05	1.0
XDHW 070210SN:M8325	✳	1.0	🔲	230	0.10	1.0		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—
XDHW 10T310SN:M8310	✳	1.0	🔲	275	0.15	1.0		—	—	—	🔲	260	0.15	1.0		—	—	—		—	—	—	🔲	55	0.08	1.0
XDHW 10T310SN:M8325	✳	1.0	🔲	210	0.15	1.0		—	—	—		—	—	—		—	—	—		—	—	—		—	—	—