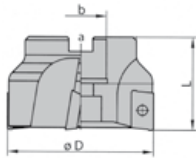




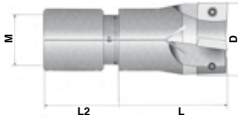


**UTENSILI A FISSAGGIO
MECCANICO
INDEXABLE MILLING
TOOLS**



0402


CODICE	D	d	Z	H	L	INSERTO		
0402010080	10	16	1	20	80	APKT 1003	000425	TX08
0402010120	10	12	1	20	120	APKT 1003	000425	TX08
0402011080	11	16	1	20	80	APKT 1003	000425	TX08
0402012080	12	16	1	20	80	APKT 1003	000425	TX08
0402012120	12	16	1	20	120	APKT 1003	000425	TX08
0402013080	13	16	1	20	80	APKT 1003	000425	TX08
0402014080	14	16	1	20	80	APKT 1003	000425	TX08
0402014120	14	16	1	20	120	APKT 1003	000425	TX08
0402015080	15	16	2	20	80	APKT 1003	000425	TX08
0402016085	16	16	2	20	85	APKT 1003	000425	TX08
0402016150	16	16	2	20	150	APKT 1003	000425	TX08
0402016200	16	16	2	20	200	APKT 1003	000425	TX08
0402017085	17	20	2	25	85	APKT 1003	000425	TX08
0402018085	18	20	2	25	85	APKT 1003	000425	TX08
0402019085	19	20	2	25	85	APKT 1003	000425	TX08
0402020085	20	20	3	30	85	APKT 1003	000425	TX08
0402020200	20	20	3	20	200	APKT 1003	000425	TX08
0402021095	21	20	3	35	95	APKT 1003	000425	TX08
0402022095	22	20	3	35	95	APKT 1003	000425	TX08
0402024095	24	20	4	35	95	APKT 1003	000425	TX08
0402025110	25	20	4	35	110	APKT 1003	000425	TX08
0402025200	25	20	4	35	200	APKT 1003	000425	TX08
0402025111	25	25	4	35	110	APKT 1003	000425	TX08
0402025201	25	25	4	35	200	APKT 1003	000425	TX08
0402028110	28	25	4	35	110	APKT 1003	000425	TX08
0402030110	30	25	4	35	110	APKT 1003	000425	TX08
0402032120	32	25	5	35	120	APKT 1003	000425	TX08
0402032121	32	32	5	35	120	APKT 1003	000425	TX08
0402040120	40	25	6	35	120	APKT 1003	000425	TX08

0402M									
CODICE	D	Z	L	a	b	INSERTO			
0402M040	40	6	40	8,4	16	APKT 1003	000425	TX08	
0402M050	50	7	40	10,4	22	APKT 1003	000425	TX08	
0402M063	63	8	40	10,4	22	APKT 1003	000425	TX08	



T0402									
CODICE	D	D1	Z	L	L2	M	INSERTO		
T040216208	16	8,5	2	23	16	8	APKT 1003	000425	TX08
T040220310	20	10,5	3	30	18	10	APKT 1003	000425	TX08
T040225412	25	12,5	4	35	20	12	APKT 1003	000425	TX08
T040232516	32	17	5	43	24	16	APKT 1003	000425	TX08

0702


CODICE	D	d	Z	H	L	INSERTO		
070222095000	22	20	2	44	95	APKT 1604	000440A	TX15
070224110000	24	25	2	44	110	APKT 1604	000440A	TX15
070225110000	25	20	2	44	110	APKT 1604	000440A	TX15
070225200000	25	20	2	44	200	APKT 1604	000440A	TX15
070225110001	25	25	2	44	110	APKT 1604	000440A	TX15
070225200001	25	25	2	44	200	APKT 1604	000440A	TX15
070225230000	25	25	2	44	300	APKT 1604	000440A	TX15
070228110000	28	25	2	44	110	APKT 1604	000440A	TX15
070230110000	30	25	3	44	110	APKT 1604	000440A	TX15
070232120000	32	25	3	50	120	APKT 1604	000440A	TX15
070232200000	32	25	3	55	200	APKT 1604	000440A	TX15
070232120001	32	32	3	50	120	APKT 1604	000440A	TX15
070232200001	32	32	3	55	200	APKT 1604	000440A	TX15
070232300000	32	32	3	55	300	APKT 1604	000440A	TX15
070234120000	34	25	3	50	120	APKT 1604	000440A	TX15
070234120001	34	32	3	50	120	APKT 1604	000440A	TX15
070235120000	35	32	3	50	120	APKT 1604	000440A	TX15
070236120000	36	25	3	50	120	APKT 1604	000440A	TX15
070238120000	38	32	3	50	120	APKT 1604	000440A	TX15
070240120000	40	25	4	55	120	APKT 1604	000440A	TX15
070240120001	40	32	4	55	120	APKT 1604	000440A	TX15

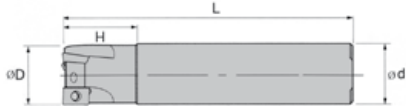


0702CM

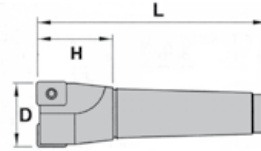


CODICE	D	CM	Z	H	L	INSERTO		
0702CM322044	22	3	2	44	130	APKT 1604	000440A	TX15
0702CM325044	25	3	2	44	130	APKT 1604	000440A	TX15
0702CM325070	25	3	2	70	156	APKT 1604	000440A	TX15
0702CM325100	25	3	2	100	186	APKT 1604	000440A	TX15
0702CM325044	28	3	3	44	130	APKT 1604	000440A	TX15
0702CM330044	30	3	3	44	130	APKT 1604	000440A	TX15
0702CM330100	30	3	3	100	186	APKT 1604	000440A	TX15
0702CM332044	32	3	3	44	130	APKT 1604	000440A	TX15
0702CM332070	32	3	3	70	156	APKT 1604	000440A	TX15
0702CM332100	32	3	3	100	186	APKT 1604	000440A	TX15
0702CM432100	32	4	3	100	209	APKT 1604	000440A	TX15
0702CM335044	35	3	3	44	130	APKT 1604	000440A	TX15
0702CM340044	40	3	4	44	130	APKT 1604	000440A	TX15
0702CM440044	40	4	4	44	153	APKT 1604	000440A	TX15
0702CM440100	40	4	4	100	209	APKT 1604	000440A	TX15
0702CM350044	50	3	5	44	130	APKT 1604	000440A	TX15
0702CM450050	50	4	5	50	159	APKT 1604	000440A	TX15

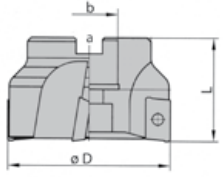


0702M								
CODICE	D	Z	L	a	b	INSERTO		
0702M040	40	4	40	8,4	16	APKT 1604	000440A	TX15
0702M050	50	5	40	10,4	22	APKT 1604	000440A	TX15
0702M063	63	6	40	10,4	22	APKT 1604	000440A	TX15
0702M080	80	7	50	12,4	27	APKT 1604	000440A	TX15
0702M100	100	8	50	14,4	32	APKT 1604	000440A	TX15

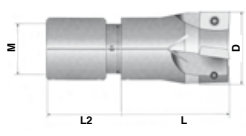


T0702									
CODICE	D	D1	Z	L	L2	M	INSERTO		
T070225212	25	12,5	2	35	20	12	APKT 1604	000440A	TX15
T070232316	32	17	3	43	22	16	APKT 1604	000440A	TX15
T070240416	40	17	4	43	22	16	APKT 1604	000440A	TX15

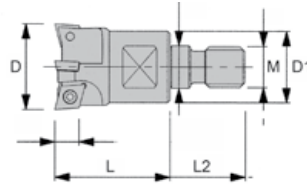
0802								
CODICE	D	d	Z	H	L	INSERTO		
080214150000	14	16	1	25	150	ADLX 1503	000440	TX15
080215150000	15	16	1	25	150	ADLX 1503	000440	TX15
080216150000	16	16	1	25	150	ADLX 1503	000440	TX15
080217150000	17	20	1	30	150	ADLX 1503	000440	TX15
080218150000	18	20	1	30	150	ADLX 1503	000440	TX15
080220150000	20	20	1	30	150	ADLX 1503	000440	TX15
080220180000	20	20	1	30	180	ADLX 1503	000440	TX15
080221150000	21	20	1	35	150	ADLX 1503	000440	TX15
080222150000	22	20	2	35	150	ADLX 1503	000440	TX15
080223150000	23	20	2	35	150	ADLX 1503	000440	TX15
080224150000	24	25	2	35	150	ADLX 1503	000440	TX15
080225095000	25	20	2	35	95	ADLX 1503	000440	TX15
080225095001	25	25	2	35	95	ADLX 1503	000440	TX15
080225150000	25	25	2	35	150	ADLX 1503	000440	TX15
080225200000	25	25	2	35	200	ADLX 1503	000440	TX15
080225300000	25	25	2	35	300	ADLX 1503	000440	TX15
080232120000	32	25	3	35	120	ADLX 1503	000440	TX15
080232120001	32	32	3	35	120	ADLX 1503	000440	TX15
080232200000	32	25	3	35	200	ADLX 1503	000440	TX15
080232300000	32	25	3	35	300	ADLX 1503	000440	TX15
080240120000	40	32	4	35	120	ADLX 1503	000440	TX15

0802CM


CODICE	D	CM	Z	H	L	INSERTO		
0802CM322044	22	3	2	44	130	ADLX 1503	000440	TX15
0802CM325044	25	3	2	44	130	ADLX 1503	000440	TX15
0802CM325070	25	3	2	70	156	ADLX 1503	000440	TX15
0802CM325100	25	3	2	100	186	ADLX 1503	000440	TX15
0802CM328044	28	3	3	44	130	ADLX 1503	000440	TX15
0802CM330044	30	3	3	44	130	ADLX 1503	000440	TX15
0802CM330100	30	3	3	100	186	ADLX 1503	000440	TX15
0802CM331044	31	3	3	44	130	ADLX 1503	000440	TX15
0802CM332044	32	3	3	44	130	ADLX 1503	000440	TX15
0802CM332070	32	3	3	70	156	ADLX 1503	000440	TX15
0802CM332100	32	3	3	100	186	ADLX 1503	000440	TX15
0802CM432044	32	4	3	44	153	ADLX 1503	000440	TX15
0802CM432100	32	4	3	100	209	ADLX 1503	000440	TX15
0802CM335044	35	3	3	44	130	ADLX 1503	000440	TX15
0802CM338044	38	3	4	44	130	ADLX 1503	000440	TX15
0802CM340044	40	3	4	44	130	ADLX 1503	000440	TX15
0802CM440044	40	4	4	44	153	ADLX 1503	000440	TX15

0802M									
CODICE	D	Z	L	a	b	INSERTO			
0802M040	40	4	40	8,4	16	ADLX 1503	000440	TX15	
0802M050	50	5	40	10,4	22	ADLX 1503	000440	TX15	
0802M063	63	6	40	10,4	22	ADLX 1503	000440	TX15	
0802M080	80	7	50	12,4	27	ADLX 1503	000440	TX15	
0802M100	100	8	50	14,4	32	ADLX 1503	000440	TX15	

T0802									
CODICE	D	D1	Z	L	L2	M	INSERTO		
T080225212	25	12,5	2	35	20	12	ADLX 1503	000440	TX15
T080232316	32	17	3	43	22	16	ADLX 1503	000440	TX15
T080240416	40	17	4	43	22	16	ADLX 1503	000440	TX15

T0602


CODICE	D	D1	Z	L	L2	M	INSERTO		
T060216208	16	8,5	2	23	16	8	XDHW 0602	000425	TX08
T060220310	20	10,5	3	30	18	10	XDHW 0602	000425	TX08
T060225312	25	12,5	3	35	20	12	XDHW 0602	000425	TX08
T060235316	35	17	3	43	22	16	XDHW 0602	000425	TX08



FRESE ALTO AVANZAMENTO-APKW 1003



FRAISE AVEC HAUTE AVANCEMENTS

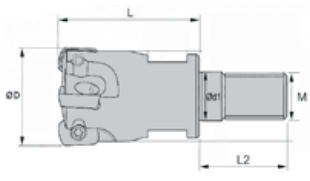







MILLING CUTTERS HIGH FEED

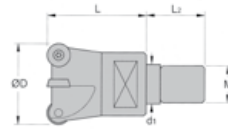


FRAESER FUR HOHE VORSCHUBE

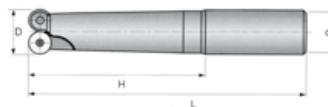


T1702									
									
CODICE	D	D1	Z	L	L2	M	INSERTO		
T170216208	16	8,5	2	23	16	8	APKW 1003	000425	TX08
T170220310	20	10,5	3	30	18	10	APKW 1003	000425	TX08
T170225412	25	12,5	4	35	20	12	APKW 1003	000425	TX08
T170232516	32	17	5	43	24	16	APKW 1003	000425	TX08
T170240616	40	17	6	43	24	16	APKW 1003	000425	TX08

1702									
									
CODICE	D	d	Z	H	L	INSERTO			
17021616200	16	16	2	20	200	APKW 1003	000425	TX08	
17022020200	20	20	3	20	200	APKW 1003	000425	TX08	
17022525200	25	25	4	30	200	APKW 1003	000425	TX08	

T2070


CODICE	D	D1	Z	L	L2	M	INSERTO		
T207016308	16	8,5	3	23	16	8	RDHX 0702	000425	TX08
T207020410	20	10,5	4	30	18	10	RDHX 0702	000425	TX08
T207025512	25	12,5	5	35	20	12	RDHX 0702	000425	TX08
T207T32616	32	17	6	43	24	16	RDHX 0702	000425	TX08

2070


CODICE	D	d	Z	H	L	INSERTO		
20701616110	16	16	2	40	110	RDHX 0702	000425	TX08
20701616150	16	16	2	40	150	RDHX 0702	000425	TX08



FRESE INSERTI ROTONDI-RD0802/10T3



FRAISE A' PLAQUETTES RONDES



MILLING CUTTERS ROUND INSERTS



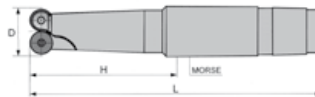
FRAESER RUNDEN PLATTEN

0902									
CODICE	D	d	Z	H	L	INSERTO			
09021616100	16	16	2	40	100	RDET 0802	000430	TX09	
09022020150	20	20	2	45	150	RDET 0802	000430	TX09	

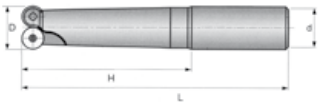


1010									
CODICE	D	d	Z	H	L	INSERTO			
10102525130	25	25	2	45	130	RDET 10T3	000440	TX15	
10103232130	32	32	3	45	130	RDET 10T3	000440	TX15	
10102525200	25	25	2	55	200	RDET 10T3	000440	TX15	
10103232200	32	32	3	55	200	RDET 10T3	000440	TX15	
10102525300	25	25	2	75	300	RDET 10T3	000440	TX15	
10103232300	32	32	3	75	300	RDET 10T3	000440	TX15	

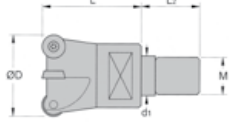


0902CM


CODICE	D	CM	Z	H	L	INSERTO		
0902CM320065	20	3	2	65	151	RDET 0802	000430	TX09

1010CM


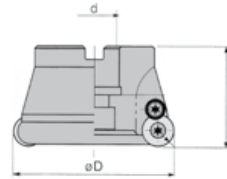
CODICE	D	d	Z	H	L	INSERTO		
1010CM325044	25	3	2	44	130	RDET 10T3	000440	TX15
1010CM325073	25	3	2	73	159	RDET 10T3	000440	TX15
1010CM325100	25	3	2	100	186	RDET 10T3	000440	TX15
1010CM325110	25	3	2	110	196	RDET 10T3	000440	TX15
1010CM425140	25	4	2	140	249	RDET 10T3	000440	TX15
1010CM332044	32	3	3	44	130	RDET 10T3	000440	TX15
1010CM332090	32	3	3	90	176	RDET 10T3	000440	TX15
1010CM332100	32	3	3	100	186	RDET 10T3	000440	TX15
1010CM432100	32	4	3	100	209	RDET 10T3	000440	TX15
1010CM432110	32	4	3	110	219	RDET 10T3	000440	TX15
1010CM432120	32	4	3	120	229	RDET 10T3	000440	TX15
1010CM432140	32	4	3	140	249	RDET 10T3	000440	TX15
1010CM432180	32	4	3	180	289	RDET 10T3	000440	TX15

2019									
CODICE	D	d	Z	H	L	INSERTO			
20192020110	20	20	2	40	110	RDHX 1003	000435	TX15	
20192020160	20	20	2	40	160	RDHX 1003	000435	TX15	

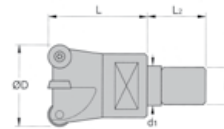
T2019									
CODICE	D	D1	Z	L	L2	M	INSERTO		
T201920210	20	10,5	2	30	18	10	RDHX 1003	000435	TX15
T201925312	25	12,5	3	35	20	12	RDHX 1003	000435	TX15
T201932416	32	17	4	43	22	16	RDHX 1003	000435	TX15
T201935416	35	17	4	43	22	16	RDHX 1003	000435	TX15
T201935516	35	17	5	43	22	16	RDHX 1003	000435	TX15
T201940516	40	17	5	43	22	16	RDHX 1003	000435	TX15
T201942616	42	17	6	43	22	16	RDHX 1003	000435	TX15

1016

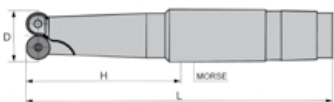



CODICE	D	d	Z	H	L	INSERTO		
10162525130	25	25	2	50	130	RDHX 12T3	000435	TX15
10162525200	25	25	2	50	200	RDHX 12T3	000435	TX15

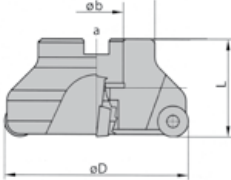


1016M


CODICE	D	Z	L	d	INSERTO			
1016M040	40	3	45	16	RDHX 12T3	600	000435	TX15
1016M050	50	5	50	22	RDHX 12T3	600	000435	TX15
1016M052	52	5	50	22	RDHX 12T3	600	000435	TX15
1016M063	63	6	50	22	RDHX 12T3	600	000435	TX15
1016M066	66	6	50	22	RDHX 12T3	600	000435	TX15
1016M080	80	7	55	27	RDHX 12T3	600	000435	TX15
1016M100	100	8	55	32	RDHX 12T3	600	000435	TX15

T1016


CODICE	D	D1	Z	L	L2	M	INSERTO		
T101625212	25	12,5	2	35	20	12	RDHX 12T3	000435	TX15
T101632316	32	17	3	43	22	16	RDHX 12T3	000435	TX15
T101635316	35	17	3	43	22	16	RDHX 12T3	000435	TX15
T101640416	40	17	4	43	22	16	RDHX 12T3	000435	TX15

1011CM								
CODICE	D	CM	Z	H	L	INSERTO		
1011CM340044	40	3	3	44	130	RPMW 1204	000440	TX15
1011CM440055	40	4	3	55	164	RPMW 1204	000440	TX15
1011CM440070	40	4	3	70	179	RPMW 1204	000440	TX15
1011CM340100	40	3	3	100	186	RPMW 1204	000440	TX15
1011CM440100	40	4	3	100	209	RPMW 1204	000440	TX15
1011CM440140	40	4	3	140	249	RPMW 1204	000440	TX15
1011CM450044	50	4	4	44	193	RPMW 1204	000440	TX15

1011M								
CODICE	D	Z	L	a	b	INSERTO		
1011M040	40	3	40	8,4	16	RPMW 1204	000440	TX15
1011M050	50	4	42	10,4	22	RPMW 1204	000440	TX15
1011M052	52	4	42	10,4	22	RPMW 1204	000440	TX15
1011M063	63	5	45	10,4	22	RPMW 1204	000440	TX15
1011M080	80	6	50	12,4	27	RPMW 1204	000440	TX15
1011M092	92	6	50	14,4	27	RPMW 1204	000440	TX15
1011M100	100	7	50	14,4	32	RPMW 1204	000440	TX15
1011M112	112	7	50	14,4	32	RPMW 1204	000440	TX15
1011M125	125	8	63	16,4	40	RPMW 1204	000440	TX15
1011M137	137	8	63	16,4	40	RPMW 1204	000440	TX15
1011M160	160	9	63	16,4	40	RPMW 1204	000440	TX15

1014M									
CODICE	D	Z	L	d	INSERTO				
1014M052	52	4	50	22	RDHX 1604	2010	000450	TX20	
1014M063	63	5	50	27	RDHX 1604	2010	000450	TX20	
1014M066	66	5	50	27	RDHX 1604	2010	000450	TX20	
1014M080	80	6	55	27	RDHX 1604	2010	000450	TX20	
1014M100	100	7	55	32	RDHX 1604	2010	000450	TX20	
1014M125	125	8	55	40	RDHX 1604	2010	000450	TX20	
1014M160	160	9	55	40	RDHX 1604	2010	000450	TX20	



FRESE PER RAGGI CONVESSI



FRAISE POUR RAYONS CONVEXES





MILLING CUTTERS CONVEX RADIUS



FRAESER FUER KONVEX RADIEN

**CLVA**

CODICE	D	d	Z	L	R	INSERTO		
CLVAD01-05	19	16	1	120	1-5	ADLR1503	000440	TX15
CLVAP05-07	27	20	1	120	5-7	APLC2004	000450	TX15

CLVS								
CODICE	D	d	Z	L	R	INSERTO		
CLVSP08-10	32	20	1	120	8-10	SPUC 1904	OMB4	BR5

CMVS								
CODICE	D	CM	Z	L	R	INSERTO		
CMVSP13-14	50	3	2	140	13-14	SPUC 1904	OMB4	BR5
CMVSP15-16	50	3	2	140	15-16	SPUC 1904	OMB4	BR5



FRESE PER RAGGI CONCAVI



FRAISE POUR RAYONS CONCAVES



MILLING CUTTERS CONCAVE RADIUS



FRAESER FUER KONCAV RADIEN

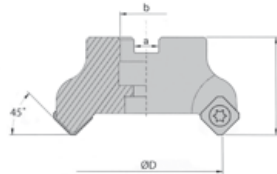




CLAD								
CODICE	D	d	Z	L	R	INSERTO		
CLAD01-03	19	16	1	120	1-3	ADLR 1503	000440	TX15
CLAD04-05	19	16	1	120	4-5	ADLR 1503	000440	TX15
CLAP05-07	27	20	1	120	5-7	APLC 2004	000450	TX20

CLSP								
CODICE	D	d	Z	L	R	INSERTO		
CLSP08-10	32	20	1	120	8-10	SPUC 1904	OMB4	BR5

CMSP								
CODICE	D	CM	Z	L	R	INSERTO		
CMSP13-14	50	3	2	140	13-14	SP19R13/14	OMB4	BR5
CMSP15-16	50	3	2	140	15-16	SP19R15/16	OMB4	BR5

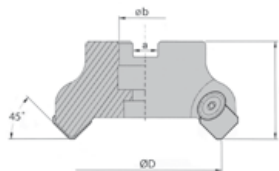
1012M







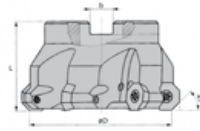
CODICE	D	Z	L	a	b	INSERTO		
1012M040	40	3	45	8,4	16	SEHX 1204	000450	TX20
1012M050	50	4	45	10,4	22	SEHX 1204	000450	TX20
1012M051	50	5	45	10,4	22	SEHX 1204	000450	TX20
1012M063	63	5	45	12,4	22	SEHX 1204	000450	TX20
1012M064	63	6	45	12,4	22	SEHX 1204	000450	TX20
1012M080	80	6	50	14,4	27	SEHX 1204	000450	TX20
1012M081	80	7	50	14,4	27	SEHX 1204	000450	TX20
1012M100	100	6	50	16,4	32	SEHX 1204	000450	TX20
1012M101	100	8	50	16,4	32	SEHX 1204	000450	TX20
1012M125	125	7	63	16,4	40	SEHX 1204	000450	TX20
1012M160	160	8	63	16,4	40	SEHX 1204	000450	TX20



1028M								
CODICE	D	Z	L	a	b	INSERTO		
1028M040	40	3	45	8,4	16	SEKT 13T3	000435	TX15
1028M050	50	4	45	10,4	22	SEKT 13T3	000435	TX15
1028M063	63	5	45	12,4	22	SEKT 13T3	000435	TX15
1028M080	80	6	50	14,4	27	SEKT 13T3	000435	TX15
1028M100	100	6	50	16,4	32	SEKT 13T3	000435	TX15

1013M

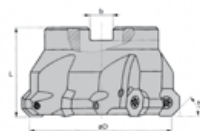




CODICE	D	Z	L	a	b	INSERTO				
1013M040	40	3	45	8,4	16	SEKN 1203	VT0040	WSSP	000440	TX15
1013M050	50	4	45	10,4	22	SEKN 1203	VT0040	WSSP	000440	TX15
1013M063	63	5	45	12,4	22	SEKN 1203	VT0040	WSSP	000440	TX15
1013M080	80	6	50	14,4	27	SEKN 1203	VT0040	WSSP	000440	TX15
1013M100	100	6	50	16,4	32	SEKN 1203	VT0040	WSSP	000440	TX15
1013M125	125	7	63	16,4	40	SEKN 1203	VT0040	WSSP	000440	TX15
1013M160	160	8	63	16,4	40	SEKN 1203	VT0040	WSSP	000440	TX15

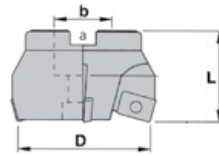
1021M




CODICE	D	Z	L	a	b	INSERTO		
1021M063	63	5	40	22	10,4	OFEX 05T305	000440	TX15
1021M080	80	6	50	27	14,4	OFEX 05T305	000440	TX15
1021M100	100	7	50	32	16,4	OFEX 05T305	000440	TX15

1022M

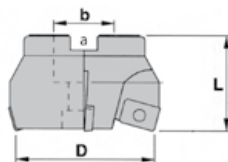




CODICE	D	Z	L	a	b	INSERTO		
1022M050	50	4	40	10,4	22	ODMT 0605	000450	TX20
1022M063	63	5	40	10,4	22	ODMT 0605	000450	TX20
1022M080	80	5	50	14,4	27	ODMT 0605	000450	TX20
1022M100	100	7	50	16,4	32	ODMT 0605	000450	TX20

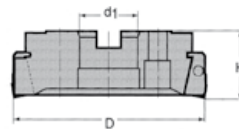
0702MR




CODICE	D	Z	L	a	b	INSERTO		
0702MR050	50	3	46	8,4	22	APKT 1604	000440A	TX15
0702MR063	63	4	50	10,4	22	APKT 1604	000440A	TX15
0702MR080	80	5	50	12,4	27	APKT 1604	000440A	TX15
0702MR100	100	6	50	14,4	32	APKT 1604	000440A	TX15

0802MR



CODICE	D	Z	L	a	b	INSERTO		
0802MR050	50	4	46	8,4	22	ADLX 1503	000440	TX15
0802MR063	63	5	50	10,4	22	ADLX 1503	000440	TX15
0802MR080	80	5	50	12,4	27	ADLX 1503	000440	TX15
0802MR100	100	6	50	14,4	32	ADLX 1503	000440	TX15

CRPF


CODICE	D	Z	H	d1		
CRPF100Z06	100	6	50	32	ES4	BR4
CRPF100Z07	100	7	50	32	ES4	BR4
CRPF125Z07	125	7	63	40	ES4	BR4
CRPF125Z08	125	8	63	40	ES4	BR4
CRPF160Z08	160	8	63	40	ES4	BR4
CRPF160Z10	160	10	63	40	ES4	BR4
CRPF200Z10	200	10	63	60	ES4	BR4
CRPF200Z12	200	12	63	60	ES4	BR4
CRPF250Z12	250	12	63	60	ES4	BR4
CRPF250Z16	250	16	63	60	ES4	BR4
CRPF315Z14	315	14	80	60	ES4	BR4
CRPF315Z18	315	18	80	60	ES4	BR4



CARTUCCE PER SPIANATURA



CARTOUCHES A' SURFACER



CARTRIDGES FOR FACE MILLING



CARTRIDGES PLANFRAESER



SE12				
				
INSERTO				
SEHX 1204				

SE15				
				
INSERTO				
SEHX 1504				

RP12				
				
INSERTO				
RPMW 1204				

AD15				
				
INSERTO				
ADKT 1505				

AP16				
				
INSERTO				
APKT 1604				

0602


CODICE	D	d	Z	H	L	INSERTO		
0602010	10	12	1	15	85	CCMT 0602	000425	TX08
0602011	11	12	1	15	85	CCMT 0602	000425	TX08
0602012	12	12	1	18	85	CCMT 0602	000425	TX08
0602013	13	12	1	23	85	CCMT 0602	000425	TX08
0602014	14	12	1	23	85	CCMT 0602	000425	TX08
0602015	15	12	1	30	85	CCMT 0602	000425	TX08
0602016	16	12	1	30	85	CCMT 0602	000425	TX08
0602017	17	16	1	30	95	CCMT 09T3	000440C	TX15
0602018	18	16	1	40	95	CCMT 09T3	000440C	TX15
0602019	19	16	1	40	95	CCMT 09T3	000440C	TX15
0602020	20	16	1	40	95	CCMT 09T3	000440C	TX15
0602021	21	16	1	42	95	CCMT 09T3	000440C	TX15
0602022	22	16	1	42	95	CCMT 09T3	000440C	TX15
0602023	23	16	1	42	95	CCMT 09T3	000440C	TX15
0602024	24	16	1	42	95	CCMT 09T3	000440C	TX15
0602025	25	16	1	42	95	CCMT 09T3	000440C	TX15
0602026	26	20	1	56	120	CCMT 09T3	000440C	TX15
0602027	27	20	1	56	120	CCMT 09T3	000440C	TX15
0602028	28	20	1	56	120	CCMT 09T3	000440C	TX15
0602029	29	20	1	56	120	CCMT 09T3	000440C	TX15
0602030	30	20	1	56	120	CCMT 09T3	000440C	TX15
0602031	31	20	1	56	120	CCMT 09T3	000440C	TX15
0602032	32	20	1	56	120	CCMT 09T3	000440C	TX15
0602033	33	20	1	56	120	CCMT 09T3	000440C	TX15



FRESE PER SMUSSI 45°



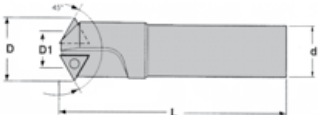


FRAISE A CHANFREINER

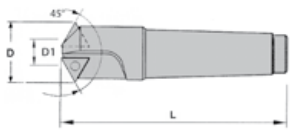




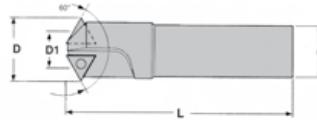
CHAMFERING MILLING CUTTERS



FASENFRAESER

SM45°-TC11 SM45°-TC16									
CODICE	D	d	Z	D1	L	a°	INSERTO		
SM45-TC1116	16	16	1	3	120	45°	TCMT 1102	000425	TX08
SM45-TC1120	20	20	2	7	120	45°	TCMT 1102	000425	TX08
SM45-TC1625	32	25	2	17	120	45°	TCMT 16T3	000440	TX15

SM45°-TC16 SM45°-TC22									
CODICE	D	d	Z	D1	L	a°	INSERTO		
SM45-TC1638	38	3	3	16	125	45°	TCMT 16T3	000440	TX15
SM45-TC2258	58	4	3	38	157	45°	TCMT 2204	000450	TX20

SM60-TC11
SM60-TC16


CODICE	D	d	Z	D1	L	a°	INSERTO		
SM60-TC1112	16	12	1	5,4	120	60°	TCMT 1102	000425	TX08
SM60-TC1116	25	16	2	14,4	120	60°	TCMT 1102	000425	TX08
SM60-TC1620	32	20	2	17	120	60°	TCMT 16T3	000440	TX15
SM60-TC1625	32	25	2	17	120	60°	TCMT 16T3	000440	TX15



FRESE PER SMUSSI 45°



FRAISE A CHANFREINER





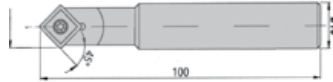
CHAMFERING MILLING CUTTERS





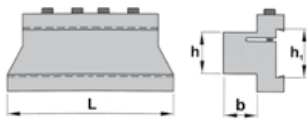

FASENFRAESER

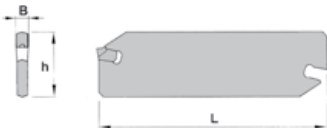
SM45°-SD09

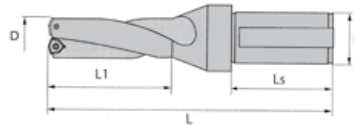
CODICE	D	d	Z	D1	L	a°	INSERTO		
SM45-SD0916	16	16	1	5	90	45°	SDLT 0903	000440	TX15
SM45-SD0920	32	20	2	20	120	45°	SDLT 0903	000440	TX15
SM45-SD0925	37	25	3	25	120	45°	SDLT 0903	000440	TX15

SP16


CODICE	D	d	Z	D1	L	INSERTO		
SP16SD11-C	16	16	1	95	14,5	SDHT 11T3	000435	TX15
SP16SD11-L	16	16	1	140	14,5	SDHT 11T3	000435	TX15

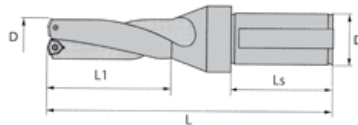
SPS SPD					
		fig. 1		fig. 2	
CODICE	h1	L	fig.	h	b
SPS 26/5	26	87	1	20	20
SPD 32/6	32	110	2	25	25
SPD 53/9	53	135	2	50	50

SGHI				
CODICE	h	L	B	INSERTO
SGHI 26/3	26	110	3,1	GCMX 3
SGHI 26/4	26	110	4,1	GCMX 4
SGHI 32/3	32	150	3,1	GCMX 3
SGHI 32/4	32	150	4,1	GCMX 4
SGHI 32/5	32	150	5,1	GCMX 5
SGHI 32/6	32	150	6,1	GCMX 6
SGHI 32/8	32	150	8,1	GCMX 8
SGHI 32/9	32	150	9,1	GCMX 9
SGHI 53/4	53	190	4,1	GCMX 4
SGHI 53/5	53	190	5,1	GCMX 5
SGHI 53/6	53	190	6,1	GCMX 6
SGHI 53/8	53	260	8,1	GCMX 8
SGHI 53/9	53	260	9,1	GCMX 9

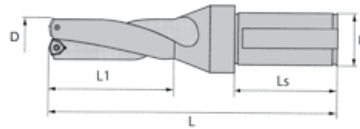
D3FW


CODICE	D	L1	L	d	LS	INSERTO		
D3FW160-25	16	50	134	25	54	WCMT 030208	000425L	TX08
D3FW165-25	16,5	51,5	135,5	25	54	WCMT 030208	000425L	TX08
D3FW170-25	17	53	137	25	54	WCMT 030208	000425L	TX08
D3FW175-25	17,5	54,5	138,5	25	54	WCMT 030208	000425L	TX08
D3FW180-25	18	56	140	25	54	WCMT 030208	000425L	TX08
D3FW185-25	18,5	57,5	141,5	25	54	WCMT 030208	000425L	TX08
D3FW190-25	19	59	143	25	54	WCMT 030208	000425L	TX08
D3FW195-25	19,5	60,5	144,5	25	54	WCMT 030208	000425L	TX08
D3FW200-25	20	62	146	25	54	WCMT 030208	000425L	TX08
D3FW205-25	20,5	63,5	147,5	25	54	WCMT 030208	000425L	TX08
D3FW210-25	21	65	149	25	54	WCMT 040208	000425L	TX08
D3FW215-25	21,5	66,5	150,5	25	54	WCMT 040208	000425L	TX08
D3FW220-25	22	68	152	25	54	WCMT 040208	000425L	TX08
D3FW225-25	22,5	69,5	153,5	25	54	WCMT 040208	000425L	TX08
D3FW230-25	23	71	155	25	54	WCMT 040208	000425L	TX08
D3FW240-25	24	74	158	25	54	WCMT 040208	000425L	TX08
D3FW245-25	24,5	75,5	159,5	25	54	WCMT 040208	000425L	TX08
D3FW250-25	25	77	161	25	54	WCMT 040208	000425L	TX08
D3FW260-25	26	80	164	25	54	WCMT 050308	000430	TX09
D3FW265-25	26,5	81,5	165,5	25	54	WCMT 050308	000430	TX09
D3FW270-25	27	83	167	25	54	WCMT 050308	000430	TX09
D3FW280-25	28	86	170	25	54	WCMT 050308	000430	TX09
D3FW290-25	29	89	173	25	54	WCMT 050308	000430	TX09
D3FW300-32	30	92	180	32	58	WCMT 050308	000430	TX09
D3FW310-32	31	95	183	32	58	WCMT 06T308	000430	TX09
D3FW320-32	32	98	186	32	58	WCMT 06T308	000430	TX09
D3FW330-32	33	101	189	32	58	WCMT 06T308	000430	TX09
D3FW340-32	34	104	192	32	58	WCMT 06T308	000435L	TX15
D3FW350-32	35	107	195	32	58	WCMT 06T308	000435L	TX15

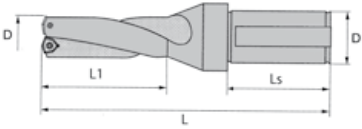


D3FW



CODICE	D	L1	L	d	LS	INSERTO		
D3FW360-32	36	110	198	32	58	WCMT 06T308	000435L	TX15
D3FW370-32	37	113	201	32	58	WCMT 06T308	000435L	TX15
D3FW380-32	38	116	204	32	58	WCMT 06T308	000435L	TX15
D3FW390-32	39	119	207	32	58	WCMT 06T308	000435L	TX15
D3FW400-32	40	122	210	32	58	WCMT 06T308	000435L	TX15
D3FW410-32	41	125	213	32	58	WCMT 06T308	000435L	TX15
D3FW420-32	42	128	216	32	58	WCMT 080412	000440A	TX15
D3FW430-32	43	131	219	32	58	WCMT 080412	000440A	TX15
D3FW440-32	44	134	222	32	58	WCMT 080412	000440A	TX15
D3FW450-40	45	137	240	40	68	WCMT 080412	000440A	TX15
D3FW460-40	46	140	243	40	68	WCMT 080412	000440A	TX15
D3FW470-40	47	143	246	40	68	WCMT 080412	000440A	TX15
D3FW480-40	48	146	249	40	68	WCMT 080412	000440A	TX15
D3FW490-40	49	149	252	40	68	WCMT 080412	000440A	TX15
D3FW500-40	50	152	255	40	68	WCMT 080412	000440A	TX15
D3FW510-40	51	155	258	40	68	WCMT 080412	000440A	TX15
D3FW520-40	52	158	261	40	68	WCMT 080412	000440A	TX15
D3FW530-40	53	161	264	40	68	WCMT 080412	000440A	TX15
D3FW540-40	54	164	267	40	68	WCMT 080412	000440A	TX15
D3FW550-40	55	167	270	40	68	WCMT 080412	000440A	TX15
D3FW560-40	56	170	273	40	68	WCMT 080412	000440A	TX15
D3FW570-40	57	173	276	40	68	WCMT 080412	000440A	TX15
D3FW580-40	58	176	279	40	68	WCMT 080412	000440A	TX15
D3FW590-40	59	179	282	40	68	WCMT 080412	000440A	TX15

D4FW


CODICE	D	L1	L	d	LS	INSERTO		
D4FW175-25	17,5	70	148	25	54	WCMT 030208	000425L	TX08
D4FW180-25	18	72	150	25	54	WCMT 030208	000425L	TX08
D4FW185-25	18,5	74	152	25	54	WCMT 030208	000425L	TX08
D4FW190-25	19	76	154	25	54	WCMT 030208	000425L	TX08
D4FW195-25	19,5	78	156	25	54	WCMT 030208	000425L	TX08
D4FW200-25	20	80	158	25	54	WCMT 030208	000425L	TX08
D4FW205-25	20,5	82	160	25	54	WCMT 030208	000425L	TX08
D4FW210-25	21	84	162	25	54	WCMT 040208	000425L	TX08
D4FW215-25	21,5	86	164	25	54	WCMT 040208	000425L	TX08
D4FW220-25	22	88	166	25	54	WCMT 040208	000425L	TX08
D4FW225-25	22,5	91	174	25	54	WCMT 040208	000425L	TX08
D4FW230-25	23	94	178	25	54	WCMT 040208	000425L	TX08
D4FW240-25	24	98	182	25	54	WCMT 040208	000425L	TX08
D4FW250-25	25	102	186	25	54	WCMT 040208	000425L	TX08
D4FW260-25	26	106	190	25	54	WCMT 050308	000430	TX09
D4FW270-25	27	110	194	25	54	WCMT 050308	000430	TX09
D4FW280-25	28	114	198	25	54	WCMT 050308	000430	TX09
D4FW290-25	29	118	202	25	54	WCMT 050308	000430	TX09
D4FW300-32	30	122	210	32	58	WCMT 050308	000430	TX09
D4FW310-32	31	126	214	32	58	WCMT 06T308	000435L	TX15
D4FW320-32	32	130	218	32	58	WCMT 06T308	000435L	TX15
D4FW330-32	33	134	222	32	58	WCMT 06T308	000435L	TX15
D4FW340-32	34	138	226	32	58	WCMT 06T308	000435L	TX15
D4FW350-32	35	142	230	32	58	WCMT 06T308	000435L	TX15
D4FW360-32	36	146	234	32	58	WCMT 06T308	000435L	TX15
D4FW370-32	37	150	238	32	58	WCMT 06T308	000435L	TX15
D4FW380-32	38	154	242	32	58	WCMT 06T308	000435L	TX15
D4FW390-32	39	158	246	32	58	WCMT 06T308	000435L	TX15
D4FW400-32	40	162	250	32	58	WCMT 06T308	000435L	TX15

D4FW										
										
CODICE	D	L1	L	d	LS	INSERTO				
D4FW410-32	41	166	254	32	58	WCMT 06T308	000435L	TX15		
D4FW420-32	42	170	258	32	58	WCMT 080412	000440A	TX15		
D4FW430-32	43	174	262	32	58	WCMT 080412	000440A	TX15		
D4FW440-32	44	178	266	32	58	WCMT 080412	000440A	TX15		
D4FW450-40	45	182	285	40	68	WCMT 080412	000440A	TX15		
D4FW460-40	46	186	289	40	68	WCMT 080412	000440A	TX15		
D4FW470-40	47	190	293	40	68	WCMT 080412	000440A	TX15		
D4FW480-40	48	194	297	40	68	WCMT 080412	000440A	TX15		
D4FW490-40	49	198	301	40	68	WCMT 080412	000440A	TX15		
D4FW500-40	50	202	305	40	68	WCMT 080412	000440A	TX15		

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE 0402/0702/0802									
Materiale-Material	HB	Veloc./Speed m/min	Av./Feed mm/dente mm/tooth APKT 1003	AP MM	Av./Feed mm/dente mm/tooth ADLX1503	AP MM	Av./Feed mm/dente mm/tooth APKT 1604	AP MM	Qualita' suggerita Best grades
Acciaio non legato- Not Alloy Steel	80-170	170 - 280	0,05 0,10	1,0/ 5,0	0,08 0,15	1,0/ 8,0	0,10 0,18	1,0/ 10	RP25N RP35N
Acciaio poco legato- Low Carbon Steel	170-280	150 - 250	0,05 0,10	1,0/ 5,0	0,08 0,15	1,0/ 8,0	0,10 0,18	1,0/ 10	RP25N RP35N
Acciaio legato- Alloyed Steel	250-330	110 - 180	0,05 0,10	1,0/ 5,0	0,08 0,15	1,0/ 8,0	0,10 0,18	1,0/ 10	RP25N
Acciaio Inossidabile- Stainless Steel	200-240	120 - 220	0,05 0,10	1,0/ 5,0	0,08 0,15	1,0/ 8,0	0,10 0,18	1,0/ 10	RP35N RP35G
Ghisa- Grey Cast Iron	180-250	180 - 280	0,07 0,12	1,0/ 5,0	0,10 0,18	1,0/ 8,0	0,12 0,20	1,0/ 10	RK10N RK15N
Alluminio-Aluminium		400 - 600	0,10 0,40	1,0/ 5,0	0,13 0,45	1,0/ 8,0	0,15 0,50	1,0/ 10	RK10
Acciaio Temprato-Hardened Steel	500-600	40-60	0,05- 0,10		0,08- 0,12		0,08- 0,12		RK10N RK10H

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE 0602 XDHW					
Materiale-Material	HB	Velocità/Speed m/min	Av./Feed mm/dente mm/tooth XDHW0602	AP MAX	Qualita' suggerita Best grades
Acciaio legato- Alloyed Steel	250-330	110-180	0,10-0,30	2,0	RK10N RK05N
Acciaio Inossidabile- Stainless Steel	200-240	120-220	0,10-0,30	2,0	RK10N RK05N
Ghisa- Grey Cast Iron	180-250	180-280	0,10-0,30	2,0	RK10N RK05N
Acciaio Temprato-Hardened Steel	500-600	40-70	0,10-0,30	2,0	RK10H RK05N

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE 1702						
Materiale-Material	HB	Velocità/Speed m/min	Av./Feed mm/dente mm/tooth APKW1003	AP MAX	Raggio Progr. Program. Radius	Qualita' suggerita Best grades
Acciaio poco legato- Low Carbon Steel	170-280	150-250	0,5-1,5	1,5	R2,5	RK30H
Acciaio legato- Alloyed Steel	250-330	110-180	0,5-1,5	1,5	R2,5	RK30H
Acciaio Inossidabile- Stainless Steel	200-240	120-220	0,5-1,5	1,5	R2,5	RK30H
Ghisa- Grey Cast Iron	180-250	180-280	0,5-1,5	1,5	R2,5	RK30H
Acciaio Temprato-Hardened Steel	500-600	40-70	0,5-1,5	1,5	R2,5	RK30H

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE 0902/1010/2019/2070							
Materiale-Material	HB	Velocità/Speed m/min	Av./Feed mm/dente mm/tooth RDHX0702 RDMT0802	AP MAX	Av./Feed mm/dente mm/tooth RDHX1003 RDMT10T3	AP MAX	Qualita' suggerita Best grades
Acciaio non legato- Not Alloy Steel	80-170	180 - 300	010-0,22	2,5	0,15-0,30	3,5	RP25N RP35N
Acciaio poco legato- Low Carbon Steel	170-280	150 - 250	0,10-0,22	2,5	0,15-0,30	3,5	RP25N RP35N
Acciaio legato- Alloyed Steel	250-330	120 - 200	0,10-0,22	2,5	0,15-0,30	3,5	RP25N RP35N
Acciaio Inossidabile- Stainless Steel	200-240	110 - 220	0,10-0,22	2,5	0,15-0,30	3,5	RP35N RP35G
Ghisa- Grey Cast Iron	180-250	180 - 280	0,12-0,25	2,5	0,15-0,30	3,5	RK10N RP25N
Acciaio Temprato-Hardened Steel	500-600	40-60	0,10-0,15	2,5	0,10-0,20	3,5	RK10N RK10H

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE 1011/1014/1016							
Materiale-Material	HB	Velocità/Speed m/min	Av./Feed mm/dente mm/tooth RPMW1204 RDHX12T3	AP MAX	Av./Feed mm/dente mm/tooth RDHX1604	AP MAX	Qualita' suggerita Best grades
Acciaio non legato- Not Alloy Steel	80-170	170 - 280	0,15-0,35	4,0	0,20-0,45	5,0	RP25N RP35N
Acciaio poco legato- Low Carbon Steel	170-280	150 - 250	0,15-0,35	4,0	0,20-0,45	5,0	RP25N RP35N
Acciaio legato- Alloyed Steel	250-330	110 - 180	0,15-0,35	4,0	0,20-0,45	5,0	RP25N
Acciaio Inossidabile- Stainless Steel	200-240	120 - 220	0,15-0,35	4,0	0,20-0,45	5,0	RP35N RP35G
Ghisa- Grey Cast Iron	180-250	180 - 280	0,15-0,30	4,0	0,20-0,40	5,0	RK10N RP25N
Acciaio Temprato-Hardened Steel	500-600	40-60	0,05-0,10	4,0	0,10-0,20	5,0	RK10N RK10H

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE 0902/1012/1013/1021/1028							
Materiale-Material	HB	Velocità/ Speed m/min	Av./Feed mm/dente mm/tooth SEHX1204 SEKN1203 SEKT13T3	AP MAX	Av./Feed mm/dente mm/tooth ODMT0605 OFEX05T3	AP MAX	Qualita' suggerita Best grades
Acciaio non legato- Not Alloy Steel	80-170	200 - 300	0,15-0,30	6,5	0,10-0,18	4,0	RP25N RP35N
Acciaio poco legato- Low Carbon Steel	170-280	180 - 250	0,15-0,30	6,5	0,10-0,18	4,0	RP25N RP35N
Acciaio legato- Alloyed Steel	250-330	120 - 200	0,15-0,30	6,5	0,08-0,15	4,0	RP25N
Acciaio Inossidabile- Stainless Steel	200-240	100 - 200	0,15-0,30	6,5	0,08-0,15	4,0	RP35N RP35G
Ghisa- Grey Cast Iron	180-250	180 - 280	0,15-0,25	6,5	0,10-0,18	4,0	RK10N RP25N
Acciaio Temprato-Hardened Steel	500-600	40-60	0,05-0,10	6,5	0,06-0,12	4,0	RK10N RK10H
Alluminio-Aluminium		500-600	0,15-0,35		0,10-0,15		RK10 RK10N

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE SM 45° E 60°						
Materiale-Material	HB	Vel / Speed m/min	Av./Feed mm/dente mm/tooth TCMT1102	Av./Feed mm/dente mm/tooth TCMT16T3 TCMT2204	Qualita' suggerita Best grades	
Acciaio non legato- Not Alloy Steel	80-170	100 - 140	0,02-0,05	0,03-0,15	RP25N RP35N	
Acciaio poco legato- Low Carbon Steel	170-280	80 - 120	0,02-0,05	0,03-0,15	RP25N RP35N	
Acciaio legato- Alloyed Steel	250-330	60 - 100	0,02-0,05	0,03-0,15	RP25N	
Acciaio Inossidabile- Stainless Steel	200-240	80 - 120	0,02-0,05	0,03-0,15	RP35N RP35G	

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE SM 45° - SERIE 0602 - SERIE SP16						
Materiale-Material	HB	Velocità/Speed m/min	Av./Feed mm/dente mm/tooth CCMT0602	Av./Feed mm/dente mm/tooth CCMT09T3 SDLT0903 SDHT 11T3	Qualita' suggerita Best grades	
Acciaio non legato- Not Alloy Steel	80-170	100 - 140	0,02-0,04	0,03-0,10	RP35N RP25H	
Acciaio poco legato- Low Carbon Steel	170-280	80 - 120	0,02-0,04	0,03-0,10	RP35N RP25H	
Acciaio legato- Alloyed Steel	250-330	60 - 100	0,02-0,04	0,03-0,10	RP35N RP25H	
Acciaio Inossidabile- Stainless Steel	200-240	80 - 120	0,02-0,04	0,03-0,10	RP35N RP35G	

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE SGHI						
Materiale-Material	HB	Vel / Speed m/min	Av./Feed mm/dente mm/tooth GCN2/3	Av./Feed mm/dente mm/tooth GCN4	Av./Feed mm/dente mm/tooth GCN5/6 GCN8/9	Qualita' suggerita Best grades
Acciaio non legato- Not Alloy Steel	80-170	140 - 190	0,05-0,15	0,10-0,30	0,15-0,40	RP35G
Acciaio poco legato- Low Carbon Steel	170-280	130 - 170	0,05-0,15	0,10-0,30	0,15-0,40	RP35G
Acciaio legato- Alloyed Steel	250-330	100 - 160	0,05-0,15	0,10-0,30	0,15-0,40	RP35G
Acciaio Inossidabile- Stainless Steel	200-240	100 - 160	0,05-0,15	0,10-0,30	0,15-0,40	RP35G

PARAMETRI DI TAGLIO-CUTTING SPEED SERIE RCL				
Materiale-Material	HB	Vel / Speed m/min	Av./Feed mm/dente mm/tooth	Qualita' suggerita Best grades
Acciaio non legato- Not Alloy Steel	80-170	100-140	0,03-0,15	RP25G
Acciaio poco legato- Low Carbon Steel	170-280	80-120	0,03-0,15	RP25G
Acciaio legato- Alloyed Steel	250-330	60-100	0,03-0,15	RP25G
Acciaio Inossidabile- Stainless Steel	200-240	80-120	0,03-0,15	RP25G

PARAMETRI TAGLIO- CUTTING SPEED D3FW 3 X D

Materiali	Velocità di taglio ml/min	AVANZAMENTI F (mm/giro) D. 16/22	Velocità di taglio ml/min	AVANZAMENTI F (mm/giro) D.23-29
Acciaio non legato / Not Alloy Steel	130 - 220	0,04 - 0,10	130 - 220	0,06 - 0,14
Acciaio poco legato / Alloy Steel	80 - 180	0,04 - 0,12	80 - 180	0,06 - 0,14
Acciaio molto legato / Very Alloy Steel	50 - 130	0,04 - 0,08	50 - 130	0,06 - 0,14
Inox / Stainless Steel	40 - 120	0,04 - 0,10	40 - 120	0,06 - 0,12
Ghisa / Cast Iron	100 - 200	0,05 - 0,12	100 - 200	0,08 - 0,14
Alluminio / Aluminium	150 - 300	0,05 - 0,13	150 - 300	0,08 - 0,13

per punte 4 x D ridurre parametri del 15%.Indexable drills 4xd reduce cutting data 15%

PARAMETRI TAGLIO - CUTTING SPEED D3FW 3XD

Materiali	Velocità di taglio ml/min	AVANZAMENTI F (mm/giro) D.30-41	Velocità di taglio ml/min	AVANZAMENTI F (mm/giro) D.42-59
Acciaio non legato / Not Alloy Steel	120 - 220	0,08 - 0,14	130 - 220	0,10 - 0,18
Acciaio poco legato / Alloy Steel	100 - 200	0,08 - 0,14	80 - 180	0,10 - 0,18
Acciaio molto legato / Very Alloy Steel	80 - 180	0,08 - 0,14	50 - 130	0,10 - 0,18
Inox / Stainless Steel	80 - 180	0,08 - 0,14	40 - 120	0,10 - 0,18
Ghisa / Cast Iron	70 - 150	0,10 - 0,16	100 - 200	0,15 - 0,22
Alluminio / Aluminium	200 - 400	0,10 - 0,18	150 - 300	0,15 - 0,25

per punte 4 x D ridurre parametri del 15%.Indexable drills 4xd reduce cutting data 15%