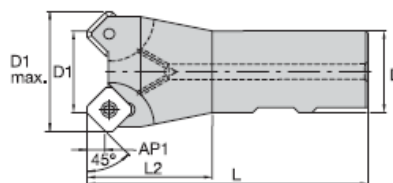


- Consumes less power.
- Rapid insert changes.
- Economical to use.
- Suitable for a wide variety of workpiece materials.

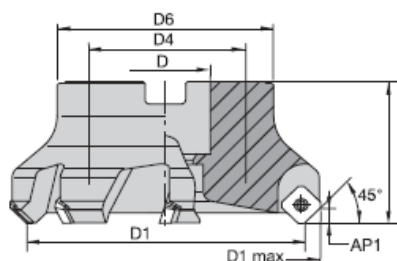


End Mills

D1	order number	catalog number	Z	D	D1 max	L2	L	Ap1 max	kgs	Max RPM
40	1926943	40D3R049B32SSE14G	3	32	54	49	110	7	0,7	26000

Spare Parts

D1	insert screw	Torx wrench	torque (Nm)
40	MS2078	DT15IP	4



Shell Mills — Coarse Pitch

D1	order number	catalog number	Z	D	D1 max	D4	D6	L	Ap1 max	kgs	Max RPM
40	1926850	40A03RS45SE14EG	3	16	54	—	44	40	6,6	0,3	26000
50	1926812	50A03RS45SE14EG	3	22	64	—	50	40	6,6	0,4	22500
63	1926899	63A04RS45SE14EG	4	22	77	—	50	40	6,6	0,5	20200
80	1926894	80A05RS45SE14EG	5	27	94	—	60	50	6,6	1,1	18000
100	1926926	100B05RS45SE14EG	5	32	114	—	80	50	6,6	1,7	16000
125	1926924	125B06RS45SE14EG	6	40	139	—	90	63	6,6	2,9	14400
160	1926909	160C07RS45SE14EG	7	40	174	67	100	63	6,6	4,1	12500

Shell Mills — Medium Pitch

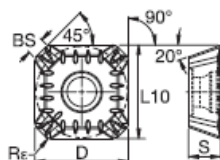
D1	order number	catalog number	Z	D	D1 max	D6	L	Ap1 max	kgs	Max RPM
50	1926900	50A04RS45SE14EG	4	22	64	50	40	6,6	0,4	22500
63	1926897	63A05RS45SE14EG	5	22	77	50	40	6,6	0,6	20200
80	1926893	80A06RS45SE14EG	6	27	94	60	50	6,6	1,2	18000
100	1926925	100B07RS45SE14EG	7	32	114	80	50	6,6	1,8	16000
125	1926911	125B08RS45SE14EG	8	40	139	90	63	6,6	3,0	14400
160	1926908	160C10RS45SE14EG	10	40	174	100	63	6,6	4,3	12500

Spare Parts

D1	insert screw	Torx wrench	torque (Nm)	shim	shim screw	hex wrench	torque (Nm)	mounting screw	coolant screw	coolant cap
40	MS2078	DT15IP	4	—	—	—	—	MS2040	—	—
50	MS2078	DT15IP	4	—	—	—	—	129.025	—	—
63	MS2078	DT15IP	4	—	—	—	—	129.025	420.100	—
80	MS2078	DT15IP	4	SM455	SRS3	DH35M	4,5	MS2038	420.120	—
100	MS2078	DT15IP	4	SM455	SRS3	DH35M	4,5	—	420.160	—
125	MS2078	DT15IP	4	SM455	SRS3	DH35M	4,5	—	420.200	470.232
160	MS2078	DT15IP	4	SM455	SRS3	DH35M	4,5	—	420.200	470.233



SEKT-GP2



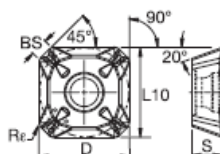
● first choice
○ alternate choice

H								
S								
N								
K								
M								
P								

catalog number	cutting edges	D	S	L10	BS	Rf	hm	KC410M	KC520M	KC715M	KC725M	KC915M	KC935M	KT530M	KY3500
SEKT1404AEENGP2	4	14,00	4,76	14,00	2,65	1,00	0,06		●		●	●	●		
SEKT1404AESNGP2	4	14,00	4,76	14,00	2,65	1,00	0,11		●		●	●	●		



SECT-LD2-LE



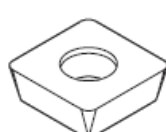
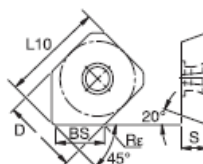
● first choice
○ alternate choice

H								
S								
N								
K								
M								
P								

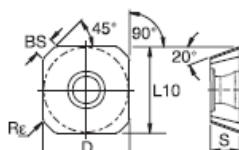
catalog number	cutting edges	D	S	L10	BS	Rf	hm	KC410M	KC520M	KC715M	KC725M	KC915M	KC935M	KT530M	KY3500
SECT1404AEENLD2	4	14,00	4,76	14,00	2,65	1,00	0,05				●				
SECT1404AEFNLE	4	14,00	4,76	14,00	2,65	1,00	0,05	●							



SECW-GNW



SECW-GN



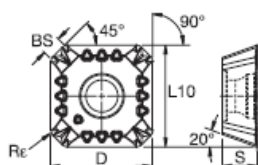
● first choice
○ alternate choice

H								
S								
N								
K								
M								
P								

catalog number	cutting edges	D	S	L10	BS	Rf	hm	KC410M	KC520M	KC715M	KC725M	KC915M	KC935M	KT530M	KY3500
SECW1404AEENGW	2	14,00	4,76	19,17	8,26	0,8	—		●	●	●				
SECW1404AESNGW	2	14,00	4,76	19,17	8,26	0,8	—							●	
SECW1404AESNGN	4	14,00	4,76	14,00	2,65	1,0	0,08								●



SEPT-GB2



● first choice
○ alternate choice

H								
S								
N								
K								
M								
P								

catalog number	cutting edges	D	S	L10	BS	Rf	hm	KC410M	KC520M	KC715M	KC725M	KC915M	KC935M	KT530M	KY3500
SEPT1404AEENGB2	4	14,00	4,76	14,00	2,65	1,0	0,08		●		●	●	●		
SEPT1404AESNGB2	4	14,00	4,76	14,00	2,65	1,0	0,14		●		●	●	●		

Recommended Starting Speeds [m/min]

45° approach angle

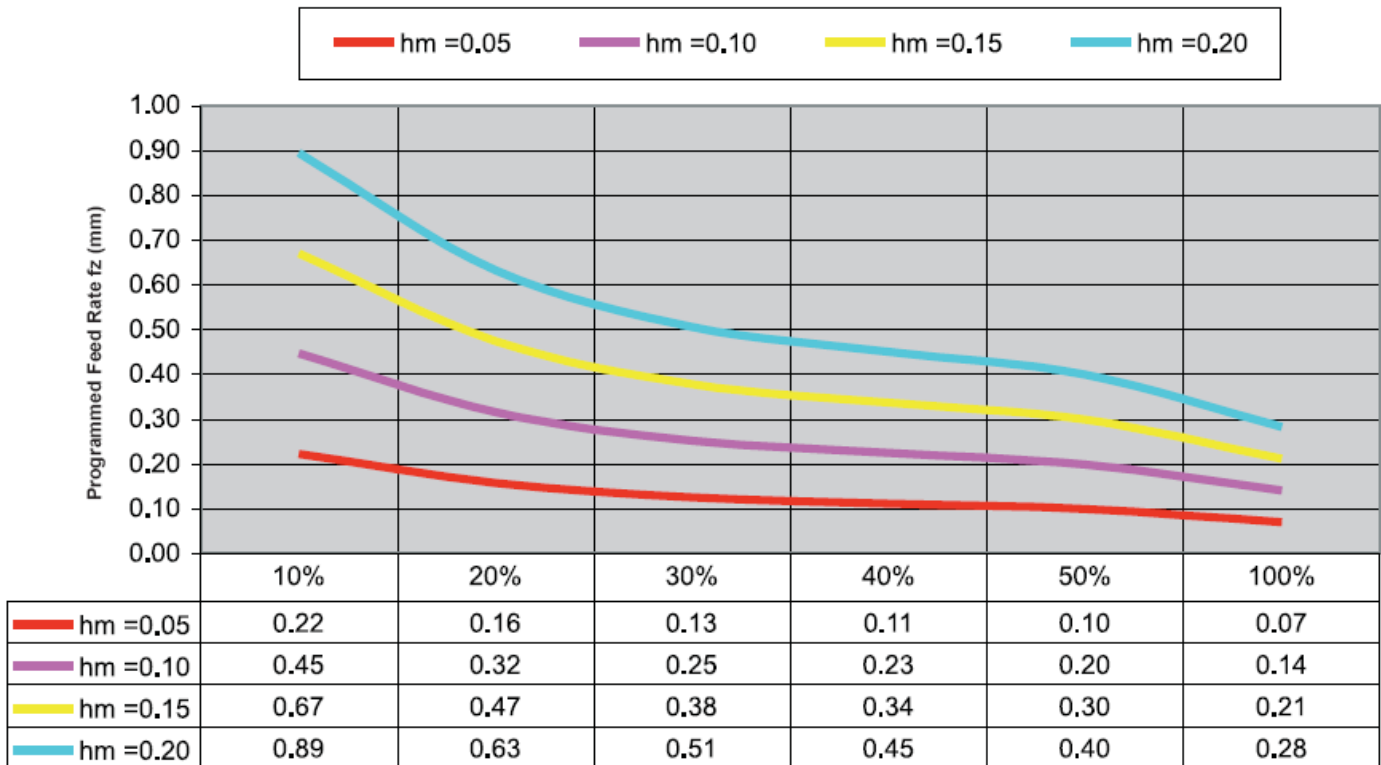
Material Group	KC410M			KC520M			KC715M			KC725M			KC915M			KC935M			KT530M			KY3500		
P1							410	360	330	310	270	250				470	410	380	350	300	280			
P2							250	220	200	190	180	160				290	260	240	210	190	170			
P3							220	200	180	180	160	140				260	240	220	190	170	160			
P4							170	160	140	130	120	110				200	180	160	150	130	120			
P5							230	205	180	180	160	150				265	240	215	200	175	160			
P6							140	120	100	110	90					160	140		120	110				
M1							270	230	220	200	180	160				310	270	250	220	200	180			
M2										180	170	150				280	250	230	200	180	170			
M3										140	120					210	180		150	130				
K1				320	290	260				200	180	160	440	400	350	310	280	250				800	730	650
K2				250	220	210				160	140	130	350	310	290	240	220	200				630	570	530
K3				210	190	170				130	120	110	290	260	240	200	180	170				530	470	430
N1	1450	1290	1190																					
N2																								
S1										40	40													
S2										40	40													
S3										50	50													
S4										60	50													
H1																								

FIRST choice starting speeds are in bold type.

As the average chip thickness value goes higher the speed should be decreased.

Recommended Starting Feeds

45° Approach Angle Feed-Per-Tooth Compensation
(Radial Width-of-Cut Dependent)



Percentage of the Cutter Diameter in Cut