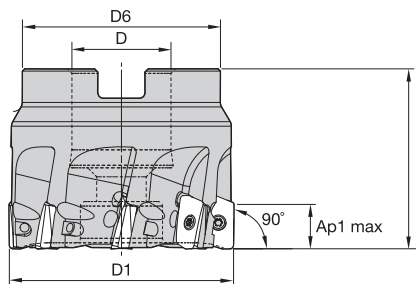
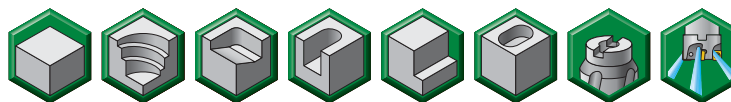


- True 90° capability.
- Increased ramping capability.
- Superior wall and surface finish.
- Effective internal coolant feature, precisely reaching the cutting edge.



Shoulder Mills

### ■ Shell Mills

order number	catalogue number	D1	D	D6	L	Ap1 max	Z	max ramp angle	coolant supply	max RPM	kg
5416316	VSM11D040Z04S016XD11	40	16	37	40	11,4	4	2.6°	Yes	22600	0,22
5416317	VSM11D040Z06S016XD11	40	16	37	40	11,4	6	2.6°	Yes	22600	0,22
5416318	VSM11D050Z05S022XD11	50	22	44	40	11,3	5	1.9°	Yes	19900	0,33
5416319	VSM11D050Z08S022XD11	50	22	44	40	11,3	8	1.9°	Yes	19900	0,33
5416340	VSM11D063Z06S022XD11	63	22	44	40	11,3	6	1.5°	Yes	17500	0,50
5416341	VSM11D063Z09S022XD11	63	22	44	40	11,3	9	1.5°	Yes	17500	0,52
5416342	VSM11D080Z08S027XD11	80	27	60	50	11,3	8	1.1°	Yes	15300	1,14
5416345	VSM11D100Z09S032XD11	100	32	80	50	11,3	9	0.9°	Yes	13600	1,79
5416347	VSM11D125Z011S040XD11	125	40	80	63	11,3	11	0.7°	Yes	12100	3,01

### ■ Spare Parts

D1	insert screw	Nm	wrench	socket-head cap screw	socket-head cap screw with coolant groove	coolant lock screw assembly
40,0	192.432	1,0	170.028	MS1294	MS1294CG	-
50,0	192.432	1,0	170.028	12146120500	MS1234CG	-
63,0	192.432	1,0	170.028	12146120500	MS1234CG	-
80,0	192.432	1,0	170.028	125.230	MS2038CG	-
100,0	192.432	1,0	170.028	-	-	MS2195C
125,0	192.432	1,0	170.028	-	-	MS2187C

NOTE: Socket-head cap screw and coolant lock screw assembly must be ordered separately.