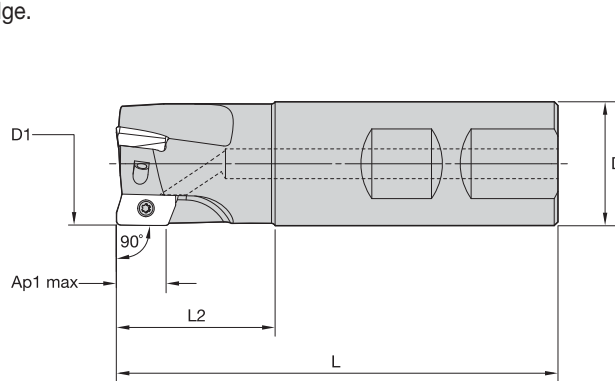
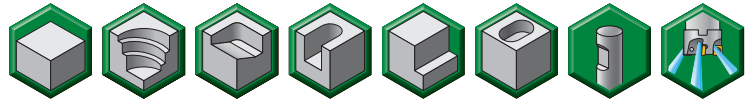


- True 90° capability.
- Increased ramping capability.
- Superior wall and surface finish.
- Effective internal coolant feature, precisely reaching the cutting edge.



Shoulder Mills

■ **Weldon Shanks**

order number	catalogue number	D1	D	L	L2	Ap1 max	Z	max ramp angle	coolant supply	max RPM	kg
5416454	VSM11D012Z01B16XD11	12	16	70	21	11,7	1	3.7°	Yes	53100	0,08
5416455	VSM11D016Z02B16XD11	16	16	70	21	11,5	2	10.0°	Yes	41400	0,09
5416457	VSM11D020Z02B20XD11	20	20	81	30	11,6	2	7.8°	Yes	35100	0,15
5416458	VSM11D020Z03B20XD11	20	20	81	30	11,6	3	7.8°	Yes	35100	0,16
5416459	VSM11D025Z03B25XD11	25	25	88	31	11,5	3	5.3°	Yes	30200	0,27
5416480	VSM11D025Z04B25XD11	25	25	88	31	11,5	4	5.3°	Yes	30200	0,28
5416481	VSM11D030Z04B25XD11	30	25	88	31	11,5	4	3.2°	Yes	26900	0,30
5416482	VSM11D032Z04B32XD11	32	32	100	39	11,4	4	3.6°	Yes	25800	0,51
5416483	VSM11D032Z05B32XD11	32	32	100	39	11,4	5	3.6°	Yes	25800	0,52

■ **Spare Parts**



insert screw

192.432



Nm

1,0



wrench

170.028

NOTE: Standard milling cutters will accept insert nose radii up to 1,6mm without modification.  
For tool body modification instructions, see page J16.