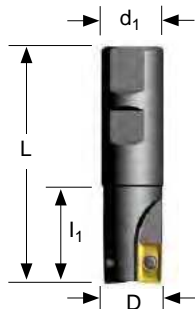
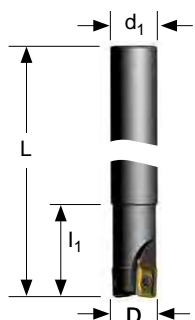




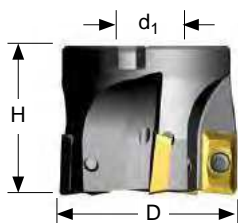
End Mills & Face Mills



Weldon Shank



Cylindrical Shank



Shell Mill Fixation



Modular Head



Depth of Cut (ap)

Product		Dimensions (mm)						Spares				
EDP	Item Description	D	L/H	l ₁	d ₁	a _p max	No. of Teeth	EDP		EDP		Screw Tightening Nm
7690VA16 Weldon Shank												
021707	7690VA16WA025R	25	96	40	25	16,00	2	015260	D4008T	015240	T15	3,10
021708	7690VA16WA032R	32	100	40	32	16,00	3	015262	D4010T	015240	T15	3,10
021709	7690VA16WA040R	40	110	50	32	16,00	4	015262	D4010T	015240	T15	3,10
7690VA16 Cylindrical Shank - Medium and Fine Pitch												
031168	7690VA16CA025Z2R50	25	200	50	25	16,00	2	015260	D4008T	015240	T15	3,10
031169	7690VA16CA032Z2R70	32	250	70	32	16,00	2	015262	D4010T	015240	T15	3,10
031170	7690VA16CA032Z3R70	32	250	70	32	16,00	3	015262	D4010T	015240	T15	3,10
7690VA16 Shell Mill Fixation												
017985	7690VA16-A040R	40	40	-	16	16,00	4	015262	D4010T	015240	T15	3,10
021700	7690VA16-A050R	50	40	-	22	16,00	5	015262	D4010T	015240	T15	3,10
021701	7690VA16-A063R	63	40	-	22	16,00	5	015262	D4010T	015240	T15	3,10
021702	7690VA16-A080R	80	50	-	27	16,00	6	015262	D4010T	015240	T15	3,10
021703	7690VA16-A100R	100	50	-	32	16,00	7	015262	D4010T	015240	T15	3,10
021704	7690VA16-A125R	125	63	-	40	16,00	8	015262	D4010T	015240	T15	3,10

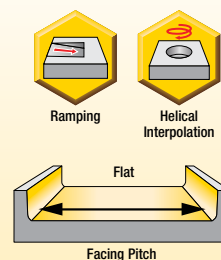
Product		Dimensions (mm)						Spares				
EDP	Item Description	D	L/H	M	d ₁	a _p max	No. of Teeth	EDP		EDP		Screw Tightening Nm
7690VA16 Modular Head - Medium and Fine Pitch												
031174	7690VA16SA025Z2R35	25	35	M12	12,50	16,00	2	015260	D4008T	015240	T15	3,10
031175	7690VA16SA032Z2R43	32	43	M16	17,00	16,00	2	015262	D4010T	015240	T15	3,10
031176	7690VA16SA032Z3R43	32	43	M16	17,00	16,00	3	015262	D4010T	015240	T15	3,10

Note: For cylindrical shank extensions in high density alloy with through coolant refer to page A76.

Note: To use radius larger than 2,00mm the cutter body needs to be modified for additional clearance by the end user.

7690VA16 Technical Information (mm)

Product		Dimensions					
EDP	Item Description	Facing Pitch	Ramping Angle °	Helical Hole min. - max.		a _p max Helical / Linear	Max RPM
021707	7690VA16WA025R	25	2.50	33	48	2,00	38000
021708	7690VA16WA032R	32	1.50	47	62	2,00	31500
021709	7690VA16WA040R	40	1.00	63	78	2,00	27000
031168	7690VA16CA025Z2R50	25	2.50	33	48	2,00	38000
031169	7690VA16CA032Z2R70	25	1.50	47	62	2,00	31500
031170	7690VA16CA032Z3R70	32	1.50	47	62	2,00	31500
017985	7690VA16-A040R	40	1.00	63	78	2,00	27000
021700	7690VA16-A050R	50	0.70	83	98	2,00	23500
021701	7690VA16-A063R	63	0.50	109	124	2,00	20500
021702	7690VA16-A080R	80	0.30	143	158	2,00	18000
021703	7690VA16-A100R	100	0.20	183	198	2,00	15500
021704	7690VA16-A125R	125	0.10	233	248	2,00	14000
031174	7690VA16SA025Z2R35	25	2.50	33	48	2,00	38000
031175	7690VA16SA032Z2R43	32	1.50	47	62	2,00	31500
031176	7690VA16SA032Z3R43	32	1.50	47	62	2,00	31500



Note: If using a insert with radius, then the facing pitch for all 7690VA series cutters is equal to the cutting diameter (D) minus 2 x chosen radius.