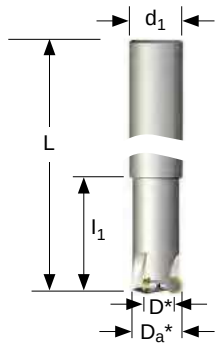
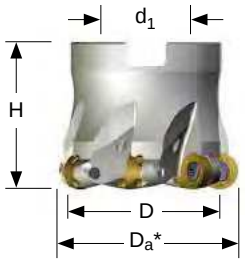
7713VR10
Copy / Contour Milling Cutter

STELLRAM





Cylindrical Shank



Shell Mill Fixation



Modular Head



Depth of Cut (ap)

Product		Dimensions (mm)							Spares				
EDP	Item Description	Da*	D Effective Diameter	L/H	l_1	d_1	a_p max	No. of Teeth	EDP		EDP		Screw Tightening Nm
7713VR10 Cylindrical Shank - Medium and Fine Pitch													
033100	**7713VR10CA020Z2R40**	20	10	180	40	20	5	2	031233	D4007T	031654	TB15	3,10
033101	**7713VR10CA025Z3R50**	25	15	200	50	25	5	3	031233	D4007T	031654	TB15	3,10
033102	**7713VR10CA032Z3R70**	32	22	250	70	32	5	3	015260	D4008T	031654	TB15	3,10
033103	**7713VR10CA032Z4R70**	32	22	250	70	32	5	4	015260	D4008T	031654	TB15	3,10
7713VR10 Shell Mill Fixation - Medium and Fine Pitch													
033104	**7713VR10-A040Z05R**	40	30	40	-	16	5	5	015260	D4008T	031654	TB15	3,10
033105	**7713VR10-A042Z06R**	42	32	40	-	16	5	6	018481	D4006T	031654	TB15	3,10
033106	**7713VR10-A050Z06R**	50	40	40	-	22	5	6	015260	D4008T	031654	TB15	3,10
033107	**7713VR10-A050Z07R**	50	40	40	-	22	5	7	015260	D4008T	031654	TB15	3,10
033108	**7713VR10-A063Z08R**	63	53	40	-	22	5	8	015260	D4008T	031654	TB15	3,10

D = Effective Diameter (Axis) from Insert centreline to centreline

Da* = Outside Diameter

Product		Dimensions (mm)							Spares				
EDP	Item Description	Da*	D Effective Diameter	L	M	d_1	a_p max	No. of Teeth	EDP		EDP		Screw Tightening Nm
7713VR10 Modular Head - Medium and Fine Pitch													
033109	**7713VR10SA020Z2R25**	20	10	25	M10	10.5	5	2	031233	D4007T	031654	TB15	3,10
033110	**7713VR10SA025Z2R35**	25	15	35	M12	12.5	5	2	031233	D4007T	031654	TB15	3,10
033111	**7713VR10SA025Z3R35**	25	15	35	M12	12.5	5	3	031233	D4007T	031654	TB15	3,10
033112	**7713VR10SA032Z3R35**	32	22	35	M16	17.0	5	3	015260	D4008T	031654	TB15	3,10
033113	**7713VR10SA032Z4R35**	32	22	35	M16	17.0	5	4	015260	D4008T	031654	TB15	3,10
033114	**7713VR10SA035Z5R35**	35	25	35	M16	17.00	5	5	031233	D4007T	031654	TB15	3,10

D = Effective Diameter (Axis) from Insert centreline to centreline

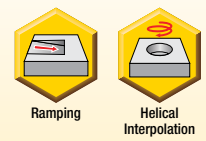
Da* = Outside Diameter

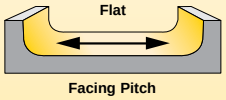
Note: For cylindrical shank extensions in high density alloy with through coolant refer to page A76.
The 7713VR10 series with anti-rotation pocket ensures a precise number of indexes per insert.

This unique patented pocket design prevents the inserts from rotating in the pocket during heavy feed machining and unstable conditions.

7713VR10 Technical Information (mm)

Product		Dimensions					
EDP	Item Description	Facing Pitch	Ramping Angle °	Helical Hole min. - max.		a_p max Helical / Linear	Max RPM
033100	**7713VR10CA020Z2R40**	10	1.89	22	38	3,33	64500
033101	**7713VR10CA025Z3R50**	15	5.22	32	48	3,33	53500
033102	**7713VR10CA032Z3R70**	22	8.64	46	62	3,33	53500
033103	**7713VR10CA032Z4R70**	22	8.64	46	62	3,33	53500
033104	**7713VR10-A040Z05R**	30	7.28	62	78	3,33	47000
033105	**7713VR10-A042Z06R**	32	6.71	66	82	3,33	39500
033106	**7713VR10-A050Z06R**	40	5.22	82	98	3,33	39500
033107	**7713VR10-A050Z07R**	40	5.31	82	98	3,33	39500
033108	**7713VR10-A063Z08R**	53	3.79	108	124	3,33	34000
033109	**7713VR10SA020Z2R25**	10	1.89	22	38	3,33	64000
033110	**7713VR10SA025Z2R35**	15	5.22	32	48	3,33	64000
033111	**7713VR10SA025Z3R35**	15	5.22	32	48	3,33	64000
033112	**7713VR10SA032Z3R35**	22	8.64	46	62	3,33	64000
033113	**7713VR10SA032Z4R35**	22	8.64	46	62	3,33	53500
033114	**7713VR10SA035Z5R35**	25	7.20	52	68	3,33	53500





KENNAMETAL