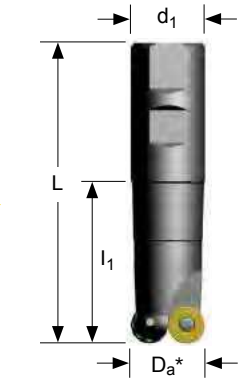
STELLRAM





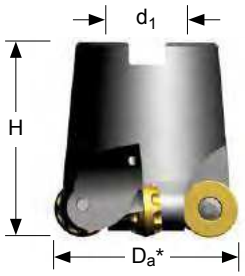
Weldon Shank

Product		Dimensions (mm)						Spares				
EDP	**Item Description**	D_a*	L	l_1	d_1	a_p max	No. of Teeth	*EDP*		*EDP*		Screw Tightening Nm
7702VRD16 Weldon Shank												
025709	**7702VRD16WA032R70**	32	130	70	32	8	2	*015270*	F4011T	*015241*	T20	3,10
7712VRD16 Shell Mill Fixation												
029057	**7712VRD16-A052R**	52	55	-	22	8	4	*015270*	F4011T	*015241*	T20	3,10
029058	**7712VRD16-A066R**	66	55	-	27	8	5	*015270*	F4011T	*015241*	T20	3,10
029059	**7712VRD16-A080R**	80	55	-	27	8	6	*015270*	F4011T	*015241*	T20	3,10
029060	**7712VRD16-A100R**	100	55	-	32	8	7	*015270*	F4011T	*015241*	T20	3,10

D_a* = Outside Diameter

The cutter series 7702VRD is a without a anti-rotation pocket, which allows a maximum number of insert indexing according to the axial depth of cut (a_p) requirement.

This is an advantage when the cutter is used for semi-finishing and finishing with low axial depth of cut (a_p).



Shell Mill Fixation

Product		Dimensions (mm)						Spares				
EDP	**Item Description**	D_a*	L	M	d_1	a_p max	No. of Teeth	*EDP*		*EDP*		Screw Tightening Nm
7712VRD16 Modular Head												
031300	**7712VRD16SA032R43**	32	43	M16	17,0	8	2	*015270*	F4011T	*015241*	T20	3,10

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

D_a* = Outside Diameter

The 7712VRD series with anti-rotation pocket ensures a precise number indexes per insert.

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

The insert for the 7712VRD16 cutter is 8 times indexable.

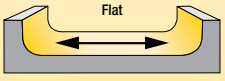


Modular Head

7702VRD16 & 7712VRD16 Technical Information (mm)

Product		Dimensions					
EDP	**Item Description**	Facing Pitch	Ramping Angle °	Helical Hole min. - max.		a_p max Helical / Linear	Max RPM
025709	**7702VRD16WA032R70**	16	17.50	34	62	5,33	34000
029057	**7712VRD16-A052R**	36	5.20	74	102	5,33	22500
029058	**7712VRD16-A066R**	50	4.10	102	130	5,33	19000
029059	**7712VRD16-A080R**	64	3.35	130	158	5,33	17000
029060	**7712VRD16-A100R**	84	2.65	170	198	5,33	14500
031300	**7712VRD16SA032R43**	16	10.85	34	62	5,33	34000







Depth of Cut (a_p)