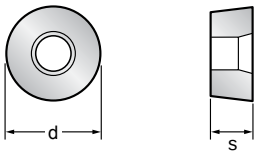
STELLRAM



RDET16-701 RDMW16-T RDHW16-T RDMW16-30 RDHW16-30





Product			Application & Material			Dimensions (mm)				
EDP	Item Description	Grade	Roughing ▼	Semi-Finishing ▼▼	Finishing ▼▼▼	d (IC)	l	s	r	h_m min
			Depth of Cut (mm)							
			a_p max 5,00*	a_p min - max 0,50 - 2,50	a_p min - max 0,10 - 0,80					
034563	**RDET1604M0E-701-X8**	**SP4019**	-	-	♦♦♦♦■	16,00	-	4,76	8,00	0,05
031521	**RDMW1604M0T-X8**	**SP5419**	-	●●	-	16,00	-	4,76	8,00	0,15
031653	**RDHW1604M0T-X8**	**SP5419**	-	■■	-	16,00	-	4,76	8,00	0,15
034565	**RDHW1604M0T-X8**	**SP4019**	-	♦♦♦♦	■■■♦	16,00	-	4,76	8,00	0,15
031522	**RDMW1604M0T-30-X8**	**SP5419**	♦♦	-	-	16,00	-	4,76	8,00	0,30
031520	**RDHW1604M0T-30-X8**	**SP5419**	■■	-	-	16,00	-	4,76	8,00	0,30
034564	**RDHW1604M0T-30-X8**	**SP4019**	●●♦	-	-	16,00	-	4,76	8,00	0,30

Machining Choice: ♦ 1st Choice ■ 2nd Choice ● 3rd Choice | Material Guide Key descriptions found on page A5.

* Max. recommended a_p = 5mm (depending on the application)

RDMW1604MOT-30-X8 and RDHW1604MOT-30-X8 are for heavy roughing applications.

7702VRD16 & 7712VRD16 Feeds f_z (mm/tooth)

Geometry	Grade	Operation	Unalloyed Steel	Alloyed Steel	Stainless Steel	Stainless Steel Refractory PH	Gray Iron	Spheroidal-Ductile Iron	Malleable Iron	Aluminium & Alloys <16% Si 116 HBN	Aluminium & Silicon >16% Si 92 HBN	HTA Iron Based Alloys	HTA Cobalt Based Alloys	HTA Nickel Based Alloys	HTA Titanium Based Alloys	Hard Steel >1400 N/mm² >415 HBN	Chilled Cast Iron >1400 N/mm² >400 HBN
			Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.	Min. - Max.
E-701-X8	SP4019	Contouring	0,07 - 0,22	0,07 - 0,20	-	-	0,07 - 0,22	0,07 - 0,22	0,07 - 0,20	0,05 - 0,20	0,05 - 0,18	-	-	-	-	0,04 - 0,08	0,04 - 0,08
RDMW... T-X8	SP5419	Contouring	0,25 - 0,45	0,25 - 0,42	-	-	-	-	-	-	-	-	-	-	-	-	-
RDHW... T-X8	SP5419	Contouring	0,25 - 0,45	0,25 - 0,42	-	-	-	-	-	-	-	-	-	-	-	-	-
RDHW... T-X8	SP4019	Contouring	0,25 - 0,40	0,25 - 0,38	-	-	0,25 - 0,42	0,25 - 0,42	0,25 - 0,38	-	-	-	-	-	-	0,10 - 0,15	0,10 - 0,15
RDMW... T-30-X8	SP5419	Contouring	0,45 - 0,70	0,42 - 0,60	-	-	-	-	-	-	-	-	-	-	-	-	-
RDHW... T-30-X8	SP5419	Contouring	0,45 - 0,70	0,42 - 0,60	-	-	-	-	-	-	-	-	-	-	-	-	-
RDHW... T-30-X8	SP4019	Contouring	0,42 - 0,55	0,40 - 0,50	-	-	0,45 - 0,60	0,45 - 0,60	0,42 - 0,55	-	-	-	-	-	-	-	-

Note: HTA = High Temperature Alloys

Note: Speed recommendations can be found on page A226.