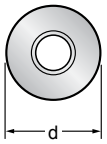
STELLRAM


RDET12-701


RDMW12


RDMW12-20


RDHW12-20





Product			Application & Material			Dimensions (mm)				
			Roughing ▼	Semi-Finishing ▼▼	Finishing ▼▼▼					
EDP	Item Description	Grade	Depth of Cut (mm)			d (IC)	l	s	r	h_m min
			a_p max 3,50*	a_p min - max 0,50 - 2,50	a_p min - max 0,10 - 0,80					
034560	**RDET12T3M0E-701-X6**	**SP4019**	-	-	◆◆◆◆■	12,00	-	3,97	6,00	0,05
031524	**RDMW12T3M0T-X6**	**SP5419**	-	■■	-	12,00	-	3,97	6,00	0,15
034562	**RDHW12T3M0T-X6**	**SP4019**	-	◆◆◆◆	■■■◆	12,00	-	3,97	6,00	0,15
031523	**RDMW12T3M0T-20-X6**	**SP5419**	●■	-	-	12,00	-	3,97	6,00	0,20
031519	**RDHW12T3M0T-20-X6**	**SP5419**	■◆	-	-	12,00	-	3,97	6,00	0,20
034561	**RDHW12T3M0T-20-X6**	**SP4019**	◆●◆◆	-	-	12,00	-	3,97	6,00	0,20

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



* Max. recommended a_p = 3,5mm (depending on the application)

RDMW12T3MOT-20-X6 and RDHW12T3MOT-20-X6 are for heavy roughing applications.

7702VRD12 & 7712VRD12 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-X6	SP4019	Contouring	0,07 - 0,20	0,07 - 0,18	-	-	0,07 - 0,20	0,07 - 0,20	0,07 - 0,18	0,05 - 0,14	0,05 - 0,12	-	-	-	-	0,04 - 0,08	0,04 - 0,08
RDMW... T-X6	SP5419	Contouring	0,20 - 0,32	0,20 - 0,30	-	-	-	-	-	-	-	-	-	-	-	-	-
RDHW... T-X6	SP4019	Contouring	0,20 - 0,30	0,20 - 0,28	-	-	0,20 - 0,30	0,20 - 0,30	0,20 - 0,25	-	-	-	-	-	-	0,10 - 0,12	0,10 - 0,12
RDMW... T-20-X6	SP5419	Contouring	0,30 - 0,45	0,30 - 0,42	-	-	-	-	-	-	-	-	-	-	-	-	-
RDHW... T-20-X6	SP5419	Contouring	0,30 - 0,45	0,30 - 0,42	-	-	-	-	-	-	-	-	-	-	-	-	-
RDHW... T-20-X6	SP4019	Contouring	0,30 - 0,42	0,30 - 0,40	-	-	0,30 - 0,45	0,30 - 0,45	0,30 - 0,42	-	-	-	-	-	-	0,10 - 0,14	0,10 - 0,14

Note: HTA = High Temperature Alloys

Note: Speed recommendations can be found on page A226.