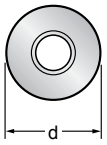
STELLRAM



RDET10-701



RDHW10





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 2,50*	a_p min - max 0,40 - 2,00	a_p min - max 0,10 - 0,80					
034558	RDET1003M0E-701	SP4019	-	-	◆◆◆◆■	10,00	-	3,18	5,00	0,05
034559	RDHW1003M0T	SP4019	◆◆◆◆	◆◆◆◆	■■■◆	10,00	-	3,18	5,00	0,12

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

* Max. recommended a_p = 2,5mm (depending on the application)



7702VRD10 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	Aluminum & Alloys <16% Si 116 HBN	Aluminum & 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	SP4019	Contouring	0,07 - 0,15	0,07 - 0,12	-	-	0,07 - 0,15	0,07 - 0,15	0,12 - 0,10	0,05 - 0,12	0,05 - 0,10	-	-	-	-	0,04 - 0,07	0,04 - 0,07
T	SP4019	Contouring	0,18 - 0,28	0,18 - 0,25	-	-	0,18 - 0,28	0,18 - 0,28	0,18 - 0,25	-	-	-	-	-	-	0,06 - 0,10	0,06 - 0,10

Note: HTA = High Temperature Alloys

Speed recommendations can be found on page A226.