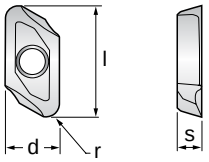


ZDET16-721



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. 16*	a_p min. - max. 1,00 - 5,00	a_p min. - max. 0,20 - 1,00					
030927	**ZDET16M5PDFR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	Facet	0,02
031384	**ZDET16M504FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	0,40	0,02
030928	**ZDET16M508FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	0,80	0,02
031385	**ZDET16M512FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	1,20	0,02
030929	**ZDET16M516FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	1,60	0,02
030930	**ZDET16M520FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	2,00	0,02
030931	**ZDET16M525FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	2,50	0,02
030932	**ZDET16M530FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	3,00	0,02
030933	**ZDET16M532FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	3,20	0,02
030934	**ZDET16M540FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	4,00	0,02
030935	**ZDET16M550FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	5,00	0,02
030936	**ZDET16M560FR-721**	**GH1**	♦	♦	♦	11,30	22,92	5,00	6,00	0,02

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



* Max. possible a_p of 16mm and a_e the full diameter (depending on the application).

* For Slotting applications with 5720VZ16 series please see recommendations for maximum a_p on page A254 .

5720VZ Feeds f_z (mm/tooth)

Size	Geometry	Grade	Operation	Aluminium & Alloys <16% Si 116 HBN	Aluminium & Silicon >16% Si 92 HBN
				Min. - Max.	Min. - Max.
14mm	FR-721	GH1	Profile/ Pocketing	0,02 - 0,25	0,02 - 0,20

Speed v_c (m/min)

5720VZ Series			K10-K20/C3 - C2 ISO / ANSI
			Speed min. - max.
Coolant Recommendation Recommended ● Possible ⦿			Uncoated Micrograin
ISO	**Materials**	**Rm and Hardness**	GH1
N	**Aluminium & Alloys**	Aluminium & Alloys < 16% Si 116 HBN	400 - 3050
		Aluminium + Silicon > 16% Si 92 HBN	295 - 2440