



This new Milling Selection Guide leads you easily to the tool selection and to the corresponding user information. 6 steps enable you to select the suitable cutter, insert geometry and grade in relation with recommended parameters for Feed and Speeds.

6 Step Tool Selection

1 Go to the **Tool guide** on pages A6 - A13. **Select the milling family** according to the application.

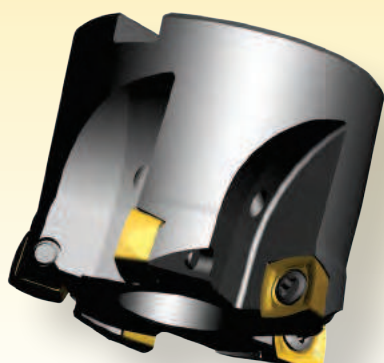
Available diameters, body fixation and type of inserts can also be found. (7792VX family selected)

2 Go to the referred Family page with the **entire product range** and **technical information**

2.1 Select a **Cutter Body Diameter**

2.2 **Technical Information**

- Facing pitch
- Ramping angles
- Helical hole (min - max)
- a_p max Helical / Linear
- a_e max plunging (for 7792VX and 7791VS only)
- RPM max



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Applications Family Range Body Fixation Diameter Range

Tool Definition	Family Range		Dimensions (mm)				Body Fixation				
	Series	Insert Shape / Insert Size	Angle	Flute	a_p max	Diameter Range	Welded	Cylindrical	Shell Mill	Variable Face Range	Universal Face 25
	774EVD	CO.0404 CO.0805	Facing 42°	A77 - A86	3.5 4.5	25 - 160 50 - 160	•	•			
	774EVS	SC.0573 SC.1245	Facing Chamfering 42°	A87 - A94	5 7	16 - 25 40 - 125	•	•			
	774EVE	SD.0973 SD.1204	Facing 42°	A95 - A105	5 7	16 - 125 50 - 125	•	•			
	774EVT	TP.1102 TC.1673	Chamfering 42° / 60°	A265 - A270	7.70 6.10 - 11.30	16 20 - 30	•				
	7791VS	SC.0973 SC.1245	Plunging	A257 - A264	$a_p = 8$ $a_p = 11$	25 - 50 63 - 80	•		•		
	7792VX	XD.0504 XD.1205	High Feed	A83 - A85	0.50 2.00	16 - 32 25 - 50 50 - 160	•	•	•		

2 → **7792VXD09 High Feed Milling Cutter**

2.1 → **Welded Shank**

2.2 → **Modular Head**

Product		Dimensions (mm)					Spares			
EDP	Item Description	D	LH	h	d1	a_p max	No. of Teeth	EDP	EDP	Code
7792VXD09 Weldon Shank										
02047	7792VXD09A4222R	25	30	40	25	1.50	2	02049	02048	T15
02042	7792VXD09A4222R	30	130	40	25	1.50	3	02051	02050	T15
7792VXD09 Cylindrical Shank										
02039	7792VXD09A4222R	25	100	50	25	1.50	2	02044	02043	T15
02038	7792VXD09A4222R	30	250	70	30	1.50	3	02046	02045	T15
7792VXD09 Shell Mill Fixation - Coarse, Medium and Fine Pitch										
02043	7792VXD09A4422R	40	30	16	15.0	3	02044	02043	T15	
02044	7792VXD09A4422R	40	30	16	15.0	4	02044	02043	T15	
02045	7792VXD09A4422R	40	30	16	15.0	5	02044	02043	T15	
02046	7792VXD09A4422R	50	40	20	15.0	4	02044	02043	T15	
02048	7792VXD09A4422R	50	40	20	15.0	6	02044	02043	T15	

Product		Dimensions (mm)					Spares			
EDP	Item Description	D	LH	M	d1	a_p max	No. of Teeth	EDP	EDP	Code
7792VXD09 Modular Head										
02037	7792VXD09A4222R	25	23	M12	12.50	1.50	2	02040	02039	T15
02034	7792VXD09A4222R	30	44	M16	17.00	1.50	3	02042	02041	T15

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

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