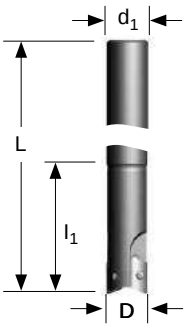
5702VZD14
Profiling / Pocketing Milling Cutter



Cylindrical Shank

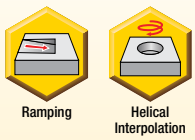
Product		Dimensions (mm)							Spares				
EDP	**Item Description**	D	L/H	l_1	d_1	a_p max	No. of Teeth	Insert radius range	*EDP*		*EDP*		Screw Tightening Nm*
5702VZD14 Cylindrical Shank													
028998	**5702VZD14CA020R58-2**	20	108	58	20	12	2	< 2,00	015060	F2505T	018488	T7	0,80
028999	**5702VZD14CA020R58-4**	20	108	58	20	12	2	2,50 to 4,00	015060	F2505T	018488	T7	0,80

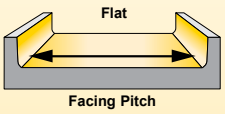
*** It is important to change the screw each time the insert is changed to ensure the highest security.**
A dynamometric key and the right torque value are important. See above for the correct torque information.

5702VZD Technical Information (mm)

Product		Dimensions					
EDP	**Item Description**	Facing Pitch	Ramping Angle °	Helical Hole min. - max.		a_p max Helical / Linear	Max RPM
028998	**5702VZD14CA020R58-2**	20	11.0*	26,8	38,0	3,00	43000
028999	**5702VZD14CA020R58-4**	20	11.0*	26,8	38,0	3,00	43000

* Max. ramping angle for insert is calculated with facet





Find the different ramping angles for all available insert radii on technical information page A254.

Radial depth of cut 0,20mm up to full cutter diameter.

These tools have been designed, manufactured and tested in accordance with EN ISO standard 15641:2001.

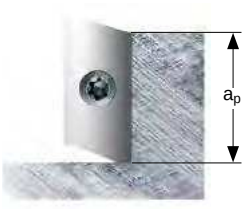
These tools are stocked without an electronic chip.

Note: If using a insert with radius, then the facing pitch for the 5702VZD cutter is equal to the cutting diameter (D) minus 2 x chosen radius.

Cylindrical Shanks or Special HSK Integral Shanks are designed and balanced to G6.3 at 30,000 RPM for diameters 50mm and below. Diameters larger then 50mm are balanced to G6.3 at 24,000 rpm.

Cylindrical Shank tools mounted in a shrink fit holder or any other mill chuck holder + inserts + screws must be re-inspected for balance as an assembly by the end user when at or exceeding 8,000 rpm. End user must balance the assembly to a G6.3 value minimum.

Additional Balancing and Torque values can be found in the technical section pages A256.



Depth of Cut (a_p)