

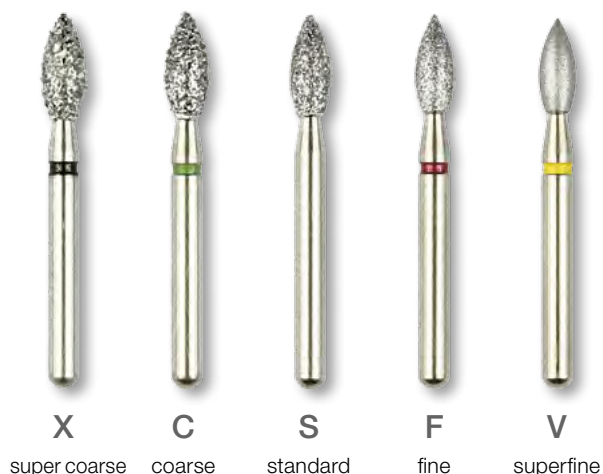
Robot Points FG

Precision diamonds for cavity and crown stump preparation and minimally invasive therapy

Exact dosages of diamond particles are evenly distributed on a one piece shank of hardened stainless steel. The ideal relation of the protruding and embedded part of the diamond particle ensures a long lasting low vibration performance.

Grit sizes

Besides the standard grained Robot Points (S, without shank marking), there is a range of super coarse (X, black banded shank), coarse (C, green banded shank), fine (F, red banded shank) and superfine (V, yellow banded shank) diamonds.



Minimally invasive diamonds

Robot Points for minimally invasive therapy were developed for the maximal protection and preservation of healthy tooth substance. Six special shapes are available for the fine preparation of wedge shaped defects up to occlusal cavities.

The differently shaped, delicate abrasives have a very homogeneous grit (100 µm, standard). The very short head length (0.7 - 2.0 mm) and a slender shank neck ensure an unimpeded view on the prepared surface. For the precise preparation in the sense of the MiCD concept these Robot Points are used at a maximum speed of 300,000 rpm.



Min⁻¹ Recom. 120,000 - 450,000 / CP 0 - 0.8 N

BENEFITS

Exact, even distribution of diamond particles

Five grit sizes: super coarse, coarse, standard, fine, superfine

Shank and working end are produced from a one-piece blank

Long-lasting

Precise concentricity

Indications

CHAIRSIDE

For cavity and crown preparation as well as adjusting direct restorative materials

IN THE DENTAL LABORATORY

E. g. fine adjustments to fully anatomical designed occlusal surfaces of porcelain crowns, inlays, onlays; finishing of approximal areas

Range of Application

Suitable for the following materials:

Tooth enamel, porcelain, composite, filling materials such as GIC, cements

info

Robot Points should always be used intermittently with low pressure and water cooling.

The colour coding of the order number indicates the individual maximum speed:

Cyan	max. 450,000 rpm
Blue	max. 300,000 rpm
Orange	max. 160,000 rpm
Violet	max. 120,000 rpm

Shape	Straight Cylinder						Straight Cylinder, round end				Tapered Cylinder, flat end				
															
PN	0800-1	0801-1	0803-1	0805-1	0807-1	0808V-1	845X-1	845C-1	846-1	846F-1	0810-1	0812-1	0813-1	0814-1	0816-1
ISO No.	010	013	015	016	018	013	016	015	016	014	012	017	017	022	016
Head length (mm)	4.0	4.5	7.0	7.0	7.0	8.0	8.0	8.0	8.0	8.0	4.0	4.4	5.0	5.0	7.0

Shape	Tapered Cylinder, flat end							Tapered Cylinder, round end							
															
PN	817C-1	0818-1	0820-1	820F-1	0822-1	0824-1	0830-1	0831-1	832X-1	0832-1	832F-1	0833-1	833V-1	0834-1	835X-1
ISO No.	019	021	017	015	020	022	013	013	018	016	015	017	018	016	019
Head length (mm)	9.0	9.0	10.0	10.0	12.0	10.0	5.0	9.0	7.0	7.0	7.0	9.0	9.0	10.0	9.0

Shape	Tapered Cylinder, round end								Tapered Cylinder, corner round						
															
PN	835C-1	0835-1	835F-1	0836-1	836V-1	0837-1	0838-1	0839-1	839V-1	0789-1	0789V-1	0790-1	0790V-1	0791-1	0791V-1
ISO No.	018	018	016	021	021	023	023	023	023	018	018	021	021	018	018
Head length (mm)	9.0	9.0	9.0	9.0	9.0	9.0	11.5	9.0	9.0	4.0	4.0	5.0	5.0	7.0	7.0

Shape	Tapered Cylinder, corner round								Tapered Cylinder, needle							
																
PN	0792-1	0792V-1	0793-1	0793V-1	0825-1	825V-1	0826-1	826V-1	847F-1	0848-1	848F-1	850X-1	0850-1	850F-1	0852-1	
ISO No.	019	019	023	023	027	027	031	031	014	013	012	018	016	015	022	
Head length (mm)	10.0	10.0	10.0	10.0	3.5	3.5	3.5	3.5	6.0	8.0	8.0	10.0	10.0	10.0	10.0	

Shape	Flame										Bud				
															
PN	840X-1	840C-1	0840-1	840F-1	840V-1	841V-1	0842-1	842F-1	843V-1	0844-1	0880-1	880V-1	0881-1	883X-1	883C-1
ISO No.	016	015	014	013	012	009	017	016	012	023	017	014	022	023	022
Head length (mm)	7.5	7.5	7.5	7.5	7.5	4.0	7.5	7.5	6.0	9.0	3.0	3.4	3.5	5.0	5.0

Robot Points FG (continued from page 37)

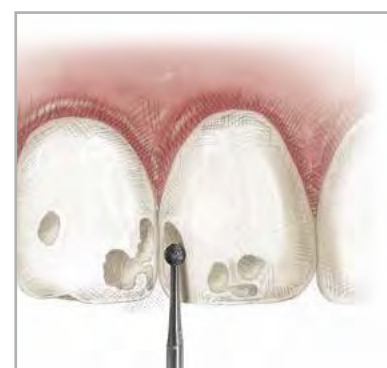
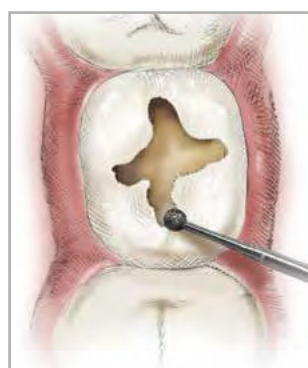
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Shape	Bud			Inverted Cone S Type							Inverted Cone				Ball
PN	0883-1	883F-1	883V-1	0855-1	0856-1	0858-1	0859-1	0860-1	0861-1	0864-1	0865-1	0866-1	0868-1	0870-1	0872-1
ISO No.	022	020	019	013	018	021	010	015	017	014	016	025	020	024	014
Head length (mm)	5.0	5.0	5.0	1.5	2.0	2.3	2.2	3.6	3.5	1.4	1.6	1.7	4.4	7.0	1.0

Shape	Ball						Pear						Wheel		
															
PN	0874-1	874V-1	0875-1	875F-1	876X-1	0876-1	0878-1	0879-1	0882-1	882V-1	0891-1	892X-1	0892-1	0885-1	0886-1
ISO No.	016	015	018	017	024	022	015	018	021	020	025	034	033	044	052
Head length (mm)	1.2	1.3	1.4	1.4	1.8	1.8	4.5	4.5	5.0	5.0	6.5	5.0	5.0	1.4	0.8

Shape	Wheel, knife edge		Wheel, round end				Egg		Guide Groove Cutter		Corn		Special Shape		
															
PN	0888-1	0890-1	0894-1	895X-1	895C-1	0895-1	0893-1	893V-1	0896-1	0897-1	898X-1	0898-1	889V-1	0899-1	899V-1
ISO No.	028	050	034	047	046	046	029	029	026	036	034	033	028	035	035
Head length (mm)	0.8	1.2	1.3	1.9	1.8	1.8	4.9	4.9	3.6	4.0	5.0	5.0	5.6	5.7	5.7

Shape	MI Preparation					
PN	0944-1	0945-1	0946-1	0947-1	0948-1	0949-1
ISO No.	009	011	013	008	010	012
Head length (mm)	0.7	0.9	1.1	2.0	2.0	2.0



Six special shapes are available for minimally invasive treatment. They can be used for the fine preparation of wedge shaped defects up to occlusal cavities.