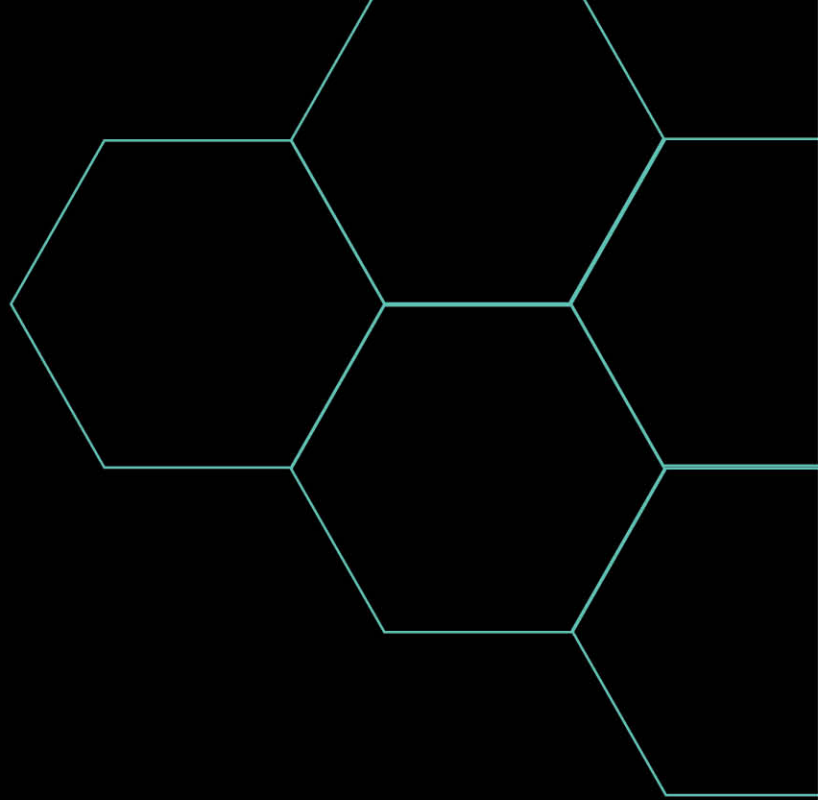


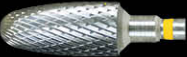
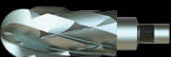
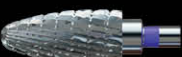
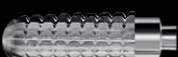
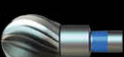


KEEPING YOUR WORKPLACE SPOTLESS

DUST COLLECTORS & INSTRUMENTS
FOR NAIL CARE, PODIATRY
AND DENTISTRY.





	4	DUST COLLECTORS
	6	DIAMOND DRILL BITS
	13	TUNGSTEN CARBIDE DRILL BITS WITH SUPERFINE CROSSCUT
	14	TUNGSTEN CARBIDE DRILL BITS WITH FINE CROSSCUT
	17	TUNGSTEN CARBIDE DRILL BITS WITH COARSE CROSSCUT
	17	TUNGSTEN CARBIDE DRILL BITS WITH SUPER COARSE CROSSCUT
	18	TUNGSTEN CARBIDE DRILL BITS WITH CROSSWISE CUT
	18	TUNGSTEN CARBIDE DRILL BITS WITH PLAIN TOOTHING WITH TRANSVERSE SECTION
	19	COARSE PLAIN TOOTHING WITH TRANSVERSE SECTION
	19	TUNGSTEN CARBIDE DRILL BITS WITH STANDARD PLAIN CUT
	20	TUNGSTEN CARBIDE DRILL BITS WITH SLIM NECK
	21	DRILL BITS FOR LEFT-HANDED
	21	HOLLOW DRILL BITS (TREPHINE)
	21	TISSUE PUNCH
	21	NAIL CLEANER
	22	INSTRUCTIONS OF USAGE AND STERILIZATION OF ROTARY INSTRUMENTS



COSMETOLOGY



PODIATRY



Dust collectors

A Vortex Dust Collector is a professional dust aspirator used for collecting dust particles. It has a wide range of applications, most commonly used in nail salons for manicures and pedicures, but also used by dental technicians and jewelry makers, basically

for any professionals who work with grinding various materials. It is powerful enough to collect everything from the smallest to the largest ground materials in different industries.

Vortex Uno

- ♦ **Type of appliance:** Table Top (Desktop)
- ♦ **Rated power:** 30 W
- ♦ **Suction air flow speed:** Up to 6 m/s
- ♦ **Suction area dimensions:** 206 x 208 mm
- ♦ **Noise:** Up to 67dB
- ♦ **Weight of the appliance:** 1,2 kg
- ♦ **Dimensions (W x L x H):** 270 x 290 x 90 mm



Vortex Uno Max

- ♦ **Type of appliance:** Table Top (Desktop)
- ♦ **Design:** Ergonomic sides design for easy and light work of operator
- ♦ **Rated power:** 36 W
- ♦ **Suction air flow speed:** Up to 6,9 m/s
- ♦ **Suction area dimensions:** 206 x 208 mm
- ♦ **Noise:** Up to 62dB
- ♦ **Weight of the appliance:** 1,4 kg
- ♦ **Dimensions (W x L x H):** 295 x 290 x 90 mm



Vortex Integra

- ♦ **Type of appliance:** Build in
- ♦ **Design:** Thin design and unique and inovative build in solution for tables up to 4cm of thickness
- ♦ **Rated power:** 30 W
- ♦ **Suction air flow speed:** Up to 5,8 m/s
- ♦ **Suction area dimensions:** 206 x 208 mm
- ♦ **Noise:** Up to 55 dB
- ♦ **Weight of the appliance:** 0,9 kg
- ♦ **Dimensions (W h L h H):** 275 x 275 x 90 mm
- ♦ **Build in dimensions of hole:** 225 x 225 mm





Vortex Integra Max

- ♦ **Type of appliance:** Build in
- ♦ **Design:** Unique and innovative build in solution, powerful solution with max flow
- ♦ **Rated power:** 36 W
- ♦ **Suction air flow speed:** Up to 9 m/s
- ♦ **Suction area dimensions:** 206 x 208 mm
- ♦ **Noise:** Up to 60 dB
- ♦ **Weight of the appliance:** 1,2 kg
- ♦ **Dimensions (W x L x H):** 275 x 275 x 120 mm
- ♦ **Build in dimensions of hole:** 225 x 225 mm



Vortex Hand Rest

- ♦ A hand rest used during grinding, intended for models that are not Built-in
- ♦ **Color:** White or Black
- ♦ **Dimensions of the stand (W x L x H):** 34 x 13.5 x 13.5 mm



Vortex Air Filters

The filters produced by MANN+HUMMEL for our needs, which we use for air filtration to separate the finest dust from the air we breathe while in cosmetic salons.

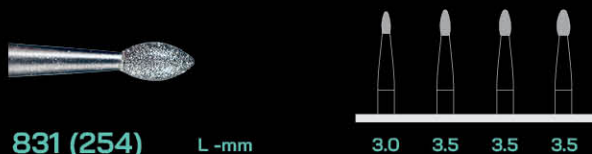
Air that contains dust created by grinding materials from the nail plates over time can cause various types of chronic allergies such as swelling or itching, as well as the appearance of fungi, and the most dangerous is the deposition of the finest, almost invisible dust particles that easily reach the nose and throat and penetrate deep into the lungs, directly attacking the respiratory system.

Regular replacement of the filter will help you stay in touch with dust-free air.





Diamond Drill Bits

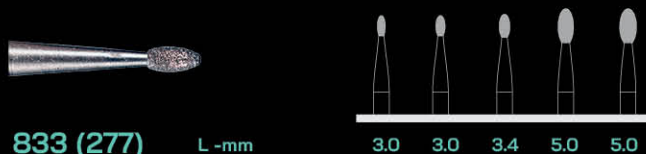


831 (254)

L -mm

3.0 3.5 3.5 3.5

	ISO code	VORTEX code	Diameter			
●	104.254.514	D54-RD-	1.2	1.4	1.6	1.8
●	104.254.524	D54-BL-	1.2	1.4	1.6	1.8
●	104.254.534	D54-GR-	1.2	1.4	1.6	1.8

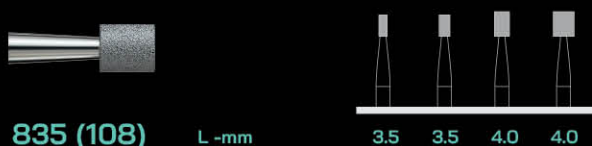


833 (277)

L -mm

3.0 3.0 3.4 5.0 5.0

	ISO code	VORTEX code	Diameter				
●	104.277.514	D77-RD-	1.2	1.4	1.6	2.3	2.5
●	104.277.524	D77-BL-	1.2	1.4	1.6	2.3	2.5
●	104.277.534	D77-GR-	1.2	1.4	1.6	2.3	2.5

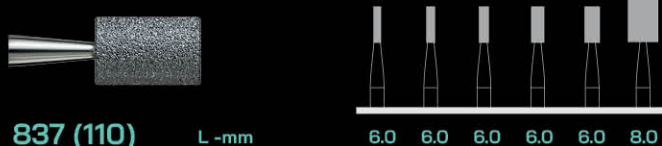


835 (108)

L -mm

3.5 3.5 4.0 4.0

	ISO code	VORTEX code	Diameter			
●	104.108.514	J08-RD-	1.4	1.8	2.5	3.5
●	104.108.524	J08-BL-	1.4	1.8	2.5	3.5
●	104.108.534	J08-GR-	1.4	1.8	2.5	3.5



837 (110)

L -mm

6.0 6.0 6.0 6.0 6.0 8.0

	ISO code	VORTEX code	Diameter					
●	104.110.514	J10-RD-	1.2	1.4	1.6	2.1	2.5	5.0
●	104.110.524	J10-BL-	1.2	1.4	1.6	2.1	2.5	5.0
●	104.110.534	J10-GR-	1.2	1.4	1.6	2.1	2.5	5.0



837L (111)

L -mm

8.0 8.0 8.0 8.0

	ISO code	VORTEX code	Diameter			
●	104.111.514	J11-RD-	1.4	1.8	2.5	3.5
●	104.111.524	J11-BL-	1.4	1.8	2.5	3.5
●	104.111.534	J11-GR-	1.4	1.8	2.5	3.5

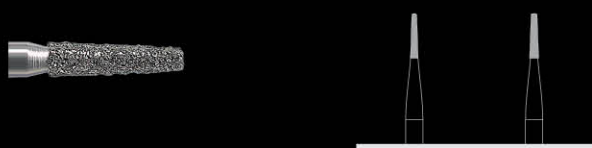


838L (140)

L -mm

6.5

	ISO code	VORTEX code	Diameter
●	104.140.514	J40-RD-	2.3
●	104.140.524	J40-BL-	2.3
●	104.140.534	J40-GR-	2.3

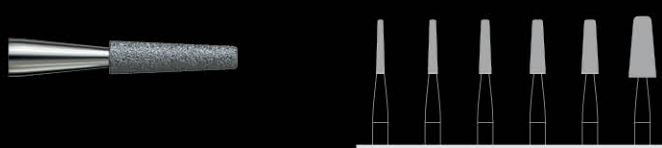


846 (171)

L -mm

6.0 6.0

	ISO code	VORTEX code	Diameter	
●	104.171.514	J71-RD-	1.0	1.2
●	104.171.524	J71-BL-	1.0	1.2
●	104.171.534	J71-GR-	1.0	1.2

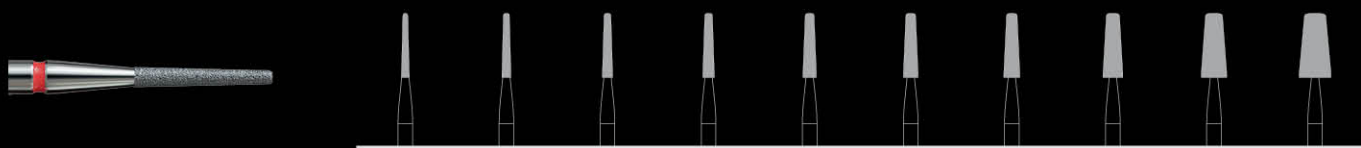


847 (172)

L -mm

8.0 8.0 8.0 8.0 8.0 9.0

	ISO code	VORTEX code	Diameter					
●	104.172.514	J72-RD-	1.2	1.4	1.8	2.3	2.5	4.0
●	104.172.524	J72-BL-	1.2	1.4	1.8	2.3	2.5	4.0
●	104.172.534	J72-GR-	1.2	1.4	1.8	2.3	2.5	4.0



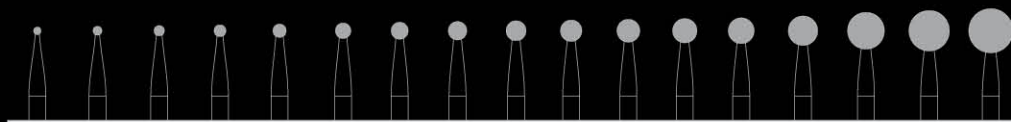
848 (173)

L -mm

10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

	ISO code	VORTEX code	Diameter							
●	104.173.514	J73-RD-	1.2	1.4	1.6	1.8	2.1	2.3	2.5	3.1
●	104.173.524	J73-BL-	1.2	1.4	1.6	1.8	2.1	2.3	2.5	3.1
●	104.173.534	J73-GR-	1.2	1.4	1.6	1.8	2.1	2.3	2.5	3.1

Diamond Drill Bits



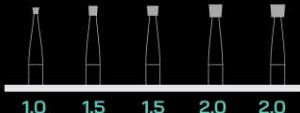
801 (001)

ISO code	VORTEX code	Diameter																
● 104.001.514	J01-RD-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	4.0	5.0	5.5	6.0
● 104.001.524	J01-BL-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	4.0	5.0	5.5	6.0
● 104.001.534	J01-GR-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	4.0	5.0	5.5	6.0
○ 104.001.544	J01-BK-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	4.0	5.0	5.5	6.0



805 (010)

L mm

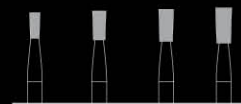


ISO code	VORTEX code	Diameter				
● 104.010.514	J10-RD-	1.0	1.4	1.8	2.1	2.3
● 104.010.524	J10-BL-	1.0	1.4	1.8	2.1	2.3
● 104.010.534	J10-GR-	1.0	1.4	1.8	2.1	2.3



807 (225)

L mm

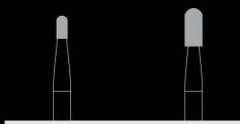


ISO code	VORTEX code	Diameter			
● 104.225.514	D25-RD-	1.6	2.1	2.3	2.5
● 104.225.524	D25-BL-	1.6	2.1	2.3	2.5
● 104.225.534	D25-GR-	1.6	2.1	2.3	2.5



808R (237)

L - mm

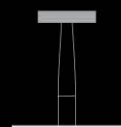


ISO code	VORTEX code	Diameter	
● 104.237.514	D37-RD-	1.4	2.3
● 104.237.524	D37-BL-	1.4	2.3
● 104.237.534	D37-GR-	1.4	2.3



821 (048)

L - mm

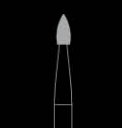


ISO code	VORTEX code	Diameter
● 104.048.514	N48-RD-	6.0
● 104.048.524	N48-BL-	6.0
● 104.048.534	N48-GR-	6.0
○ 104.048.544	N48-BK-	6.0



827 (464)

L - mm

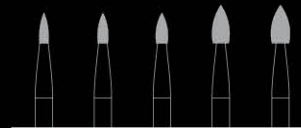


ISO code	VORTEX code	Diameter
● 104.464.514	C64-RD-	1.8
● 104.464.524	C64-BL-	1.8
● 104.464.534	C64-GR-	1.8



830 (257)

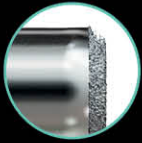
L - mm



ISO code	VORTEX code	Diameter				
● 104.257.514	D57-RD-	1.2	1.4	1.6	2.3	2.5
● 104.257.524	D57-BL-	1.2	1.4	1.6	2.3	2.5
● 104.257.534	D57-GR-	1.2	1.4	1.6	2.3	2.5

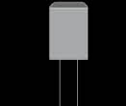


Diamond Drill Bits



Diamond mesh on the top only

- ♦ ideal for shortening nails
- ♦ recommended for diabetics - surrounding skin is not affected
- ♦ minimal risk of injury due to rounded edges



836TR (157TR)

L - mm

7.0

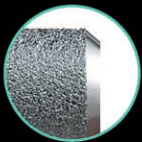
ISO code	VORTEX code	Diameter
● 104.157TR.514	J57TR-RD-	5.0
● 104.157TR.524	J57TR-BL-	5.0
● 104.157TR.534	J57TR-GR-	5.0
○ 104.157TR.544	J57TR-BK-	5.0

805TR (030TR)

L - mm

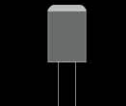
5.0

ISO code	VORTEX code	Diameter
● 104.030TR.514	N30TR-RD-	6.0
● 104.030TR.524	N30TR-BL-	6.0
● 104.030TR.534	N30TR-GR-	6.0
○ 104.030TR.544	N30TR-BK-	6.0



Diamond mesh only on the sides

- ♦ safe and maximum nail plate preparation up to the nail folds
- ♦ recommended for diabetics
- ♦ surrounding skin is not affected
- ♦ minimal risk of injury due to rounded edges



836SR (157SR)

L - mm

7.0

ISO code	VORTEX code	Diameter
● 104.157SR.514	J57SR-RD-	5.0
● 104.157SR.524	J57SR-BL-	5.0
● 104.157SR.534	J57SR-GR-	5.0
○ 104.157SR.544	J57SR-BK-	5.0

805SR (030SR)

L - mm

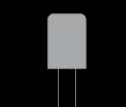
5.0

ISO code	VORTEX code	Diameter
● 104.030SR.514	N30SR-RD-	6.0
● 104.030SR.524	N30SR-BL-	6.0
● 104.030SR.534	N30SR-GR-	6.0
○ 104.030SR.544	N30SR-BK-	6.0



Rounded edges

- ♦ smoothing of skin and nails
- ♦ minimal risk of injury due to rounded edges



836R (157R)

L - mm

7.0

ISO code	VORTEX code	Diameter
● 104.157R.514	J57R-RD-	5.0
● 104.157R.524	J57R-BL-	5.0
● 104.157R.534	J57R-GR-	5.0
○ 104.157R.544	J57R-BK-	5.0

805R (030R)

L - mm

5.0

ISO code	VORTEX code	Diameter
● 104.030R.514	N30R-RD-	6.0
● 104.030R.524	N30R-BL-	6.0
● 104.030R.534	N30R-GR-	6.0
○ 104.030R.544	N30R-BK-	6.0

Diamond Drill Bits



848L (174)

L - mm

13.0

	ISO code	VORTEX code	Diameter
●	104.174.514	J74-RD-	2.3
●	104.174.524	J74-BL-	2.3
●	104.174.534	J74-GR-	2.3



848XL (175)

L - mm

15

	ISO code	VORTEX code	Diameter
●	104.175.514	J75-RD-	2.3
●	104.175.524	J75-BL-	2.3
●	104.175.534	J75-GR-	2.3

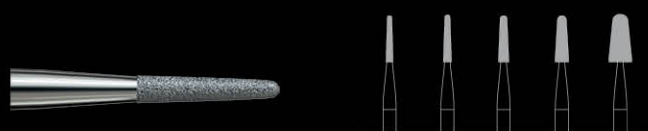


849 (197)

L - mm

6.0 6.0 6.0 6.0

	ISO code	VORTEX code	Diameter			
●	104.197.514	J97-RD-	1.0	1.2	1.6	2.3
●	104.197.524	J97-BL-	1.0	1.2	1.6	2.3
●	104.197.534	J97-GR-	1.0	1.2	1.6	2.3
○	104.197.544	J97-BK-	1.0	1.2	1.6	2.3

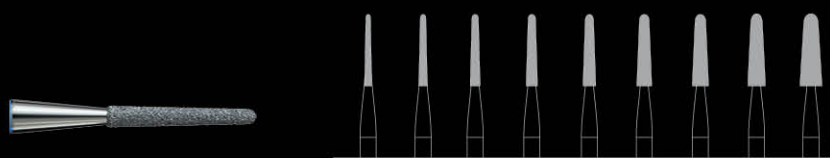


850 (198)

L - mm

8.0 8.0 8.0 8.0 8.0

	ISO code	VORTEX code	Diameter				
●	104.198.514	J98-RD-	1.2	1.4	1.8	2.3	4.0
●	104.198.524	J98-BL-	1.2	1.4	1.8	2.3	4.0
●	104.198.534	J98-GR-	1.2	1.4	1.8	2.3	4.0
○	104.198.544	J98-BK-	1.2	1.4	1.8	2.3	4.0



852 (199)

L - mm

10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

	ISO code	VORTEX code	Diameter								
●	104.199.514	J99-RD-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	3.1
●	104.199.524	J99-BL-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	3.1
●	104.199.534	J99-GR-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	3.1
○	104.199.544	J99-BK-	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	3.1



858 (165)

L - mm

8.0 8.0 8.0

	ISO code	VORTEX code	Diameter		
●	104.165.514	J65-RD-	1.0	1.2	1.4
●	104.165.524	J65-BL-	1.0	1.2	1.4
●	104.165.534	J65-GR-	1.0	1.2	1.4



859 (166)

L - mm

10.0 10.0 10.0 10.0

	ISO code	VORTEX code	Diameter			
●	104.166.514	J66-RD-	1.4	1.8	2.1	2.5
●	104.166.524	J66-BL-	1.4	1.8	2.1	2.5
●	104.166.534	J66-GR-	1.4	1.8	2.1	2.5



859L (167)

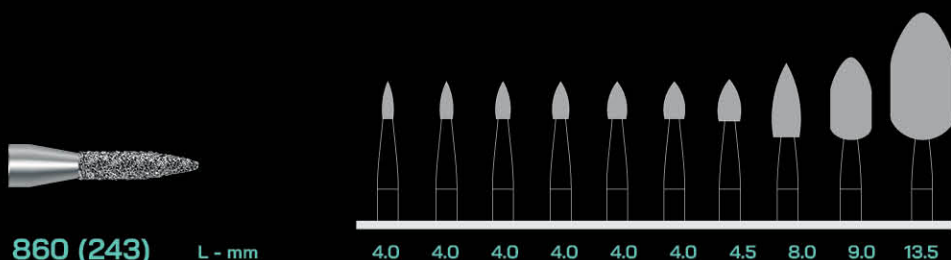
L - mm

12.0

	ISO code	VORTEX code	Diameter
●	104.167.514	J67-RD-	1.8
●	104.167.524	J67-BL-	1.8
●	104.167.534	J67-GR-	1.8



Diamond Drill Bits



860 (243)

L - mm

4.0 4.0 4.0 4.0 4.0 4.0 4.5 8.0 9.0 13.5

ISO code	VORTEX code	Diameter									
● 104.243.514	D43-RD-	1,2	1,4	1,6	1,8	2,1	2,3	2,5	3,1	4,5	7.0
● 104.243.524	D43-BL-	1,2	1,4	1,6	1,8	2,1	2,3	2,5	3,1	4,5	7.0
● 104.243.534	D43-GR-	1,2	1,4	1,6	1,8	2,1	2,3	2,5	3,1	4,5	7.0
○ 104.243.544	D43-BK-	1,2	1,4	1,6	1,8	2,1	2,3	2,5	3,1	4,5	7.0



Rounded end

860X (243X)

L - mm

8.0 8.0 8.0 8.0 10.0

ISO code	VORTEX code	Diameter				
● 104.243X.514	D43R-RD-	1,4	1,6	1,8	2,1	2,3
● 104.243X.524	D43R-BL-	1,4	1,6	1,8	2,1	2,3
● 104.243X.534	D43R-GR-	1,4	1,6	1,8	2,1	2,3



Sharp top

860X (243XL)

L - mm

8.0 8.0 8.0 8.0 10.0

ISO code	VORTEX code	Diameter				
● 104.243XL.514	D43XL-RD-	1,4	1,6	1,8	2,1	2,3
● 104.243XL.524	D43XL-BL-	1,4	1,6	1,8	2,1	2,3
● 104.243XL.534	D43XL-GR-	1,4	1,6	1,8	2,1	2,3

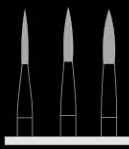
TYPES OF GRITS AND USAGE

CODE	COLOR	GRIT	USAGE
514	● Red	27-76 µm fine	For delicate polishing of the skin and nail plate
524	● Blue	64-126 µm middle	For smoothing cornea , thick skin and nails. For pushing , lifting and removing cuticle
534	● Green	107-181 µm coarse	For fast treatment of thick skin and nails, removal of callus and cornea , for lateral nail fold and Toenails treatment
544	○ Black	151-213 µm super coarse	For fast treatment of thickened nails, removal of hard skin

Diamond Drill Bits



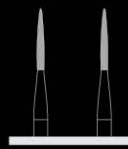
862 (249) L - mm



ISO code	VORTEX code	Diameter		
● 104.249.514	D49-RD-	1.0	1.4	1.8
● 104.249.524	D49-BL-	1.0	1.4	1.8
● 104.249.534	D49-GR-	1.0	1.4	1.8



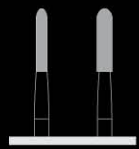
863 (250) L - mm



ISO code	VORTEX code	Diameter	
● 104.250.514	D50-RD-	1,2	1,6
● 104.250.524	D50-BL-	1,2	1,6
● 104.250.534	D50-GR-	1,2	1,6



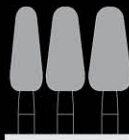
869 (290) L - mm



ISO code	VORTEX code	Diameter	
● 104.290.514	D90-RD-	1.8	2.5
● 104.290.524	D90-BL-	1.8	2.5
● 104.290.534	D90-GR-	1.8	2.5



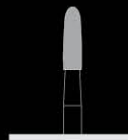
875 (260) L - mm



ISO code	VORTEX code	Diameter		
● 104.260.514	D60-RD-	4.5	5.5	6.0
● 104.260.524	D60-BL-	4.5	5.5	6.0
● 104.260.534	D60-GR-	4.5	5.5	6.0



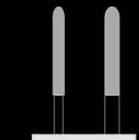
878 (289) L - mm



ISO code	VORTEX code	Diameter	
● 104.289.514	D89-RD-	2.3	
● 104.289.524	D89-BL-	2.3	
● 104.289.534	D89-GR-	2.3	



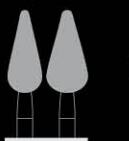
869XL (292) L - mm



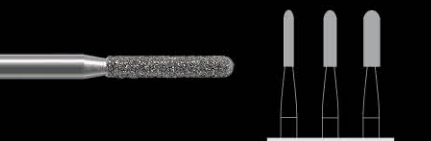
ISO code	VORTEX code	Diameter	
● 104.292.514	D92-RD-	1.8	2.3
● 104.292.524	D92-BL-	1.8	2.3
● 104.292.534	D92-GR-	1.8	2.3



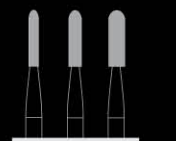
879 (879) L - mm



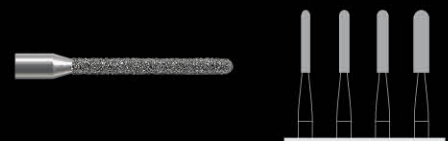
ISO code	VORTEX code	Ø	
● 104.879.514	O79-RD-	5.0	6.0
● 104.879.524	O79-BL-	5.0	6.0
● 104.879.534	O79-GR-	5.0	6.0
○ 104.879.544	O79-BK-	5.0	6.0



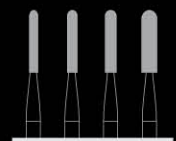
881 (141) L - mm



ISO code	VORTEX code	Diameter	
● 104.141.514	J41-RD-	1.4	1.8 2.3
● 104.141.524	J41-BL-	1.4	1.8 2.3
● 104.141.534	J41-GR-	1.4	1.8 2.3
○ 104.141.544	J41-BK-	1.4	1.8 2.3



882 (142) L - mm



ISO code	VORTEX code	Diameter			
● 104.142.514	J42-RD-	1.4	1.6	1.8	2.5
● 104.142.524	J42-BL-	1.4	1.6	1.8	2.5
● 104.142.534	J42-GR-	1.4	1.6	1.8	2.5



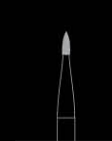
885 (130) L - mm



ISO code	VORTEX code	Diameter		
● 104.130.514	J30-RD-	1.4	1.8	2.5
● 104.130.524	J30-BL-	1.4	1.8	2.5
● 104.130.534	J30-GR-	1.4	1.8	2.5



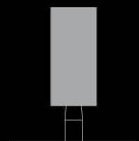
889L (540) L - mm



ISO code	VORTEX code	Diameter	
● 104.540.514	P40-RD-	1.0	
● 104.540.524	P40-BL-	1.0	
● 104.540.534	P40-GR-	1.0	



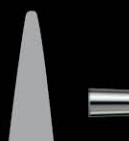
891 (113) L - mm



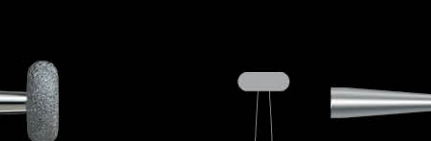
ISO code	VORTEX code	Diameter	
● 104.113.514	J13-RD-	6.0	
● 104.113.524	J13-BL-	6.0	
● 104.113.534	J13-GR-	6.0	



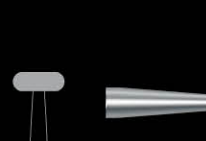
893 (893) L - mm



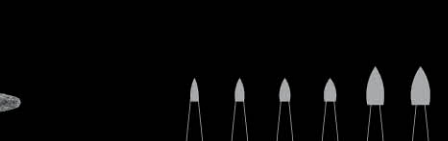
ISO code	VORTEX code	Ø	
● 104.893.514	O93-RD-	6.0	
● 104.893.524	O93-BL-	6.0	
● 104.893.534	O93-GR-	6.0	
○ 104.893.544	O93-BK-	6.0	



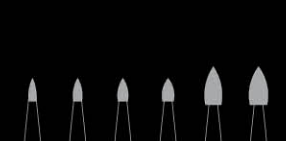
909 (068) L - mm



ISO code	VORTEX code	Ø	
● 104.068.524	68-BL-	6.0	
● 104.068.534	68-GR-	6.0	
● 104.068.544	68-BK-	6.0	



895 (274) L - mm



ISO code	VORTEX code	Diameter					
● 104.274.514	D74-RD-	1.0	1.2	1.4	1.6	2.3	2.5
● 104.274.524	D74-BL-	1.0	1.2	1.4	1.6	2.3	2.5
● 104.274.534	D74-GR-	1.0	1.2	1.4	1.6	2.3	2.5



Tungsten Carbide Drill Bits

PHOTO	CODE	DESCRIPTION	USAGE
	YE	Superfine crosscut	Initial nail polishing; gel and acrylic correction; gentle skin cleaning
	RD	Fine crosscut	Correcting and removing gel and acrylic; hybrid gentle removing; gentle working with keratinized nails, rough skin and callus; fungus treatment
	BL	Standard crosscut	Rast removal of hybrid, gel and acrylic; preparing corn, callus on the skin, working with fungus nails
	GR	Coarse crosscut	Removing durable artificial material; removing hard skin; preparing thickened nails
	BK	Super coarse crosscut	Reduction of thickened nails; removing hard nails
	V	Crosswise cut	Gentle hybrid removing and gel smoothing
	Y	Plain toothing with transverse section	Fast removal of hybrid and gel; mild grinding of keratosis
	QBK	Coarse plain toothing with transverse section	Fast removal of hard materials - acrylic and dip powder
	BL	Standard plain cut	Preparing cuticles; removing corns and fungal infections
	BL RD	Drill bit with slim neck	Preparing the cuticles; removing corns and calluses

Tungsten Carbide Drill Bits



Tungsten carbide drill bits with **superfine** crosscut



- ◆ pre-polishing of the nail, preparing the surface of artificial nails
- ◆ gel and acrylic correction around the folds, correction of artificial nails
- ◆ for gentle removal of hybrid nail polish from natural nails and gel/acrylic nails
- ◆ small sizes ideal for preparing cuticles



- ◆ smoothing of keratinized
- ◆ fingernails
- ◆ for gentle skin cleaning



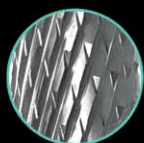
L - mm	8.0	14.0	15.0	8.0	15.0	14.0	8.0
Diameter	2.3	2.3	2.3	1.6	2.3	2.3	2.3
Vortex Code	J41-YE-	J44-YE-	J75-YE-	J84-YE-	J87-YE-	J94-YE-	J98-YE-
ISO Code 500.104...	141.110.023	144.110.023	175.110.023	184.110.016	187.110.023	194.110.023	198.110.023

L - mm	5.5	5.5	7.0	3.5	6.5	4.0
Diameter	2.3	2.3	2.3	1.4	2.3	2.3
Vortex Code	D25-YE-	D37-YE-	D57-YE-	D74-YE-	D74-YE-	D77-YE-
ISO Code 500.104...	225.110.023	237.110.023	257.110.023	274.110.014	274.110.023	277.110.023

L - mm	8.0	14.0	13.0	14.0	14.0
Diameter	2.3	2.3	4.0	6.0	6.0
Vortex Code	D89-YE-	D92-YE-	D00-YE-	D00-YE-	D74-YE-
ISO Code 500.104...	289.110.023	292.110.023	200.110.040	200.110.060	274.110.060



Tungsten Carbide Drill Bits



Tungsten carbide drill bits with **fine** crosscut



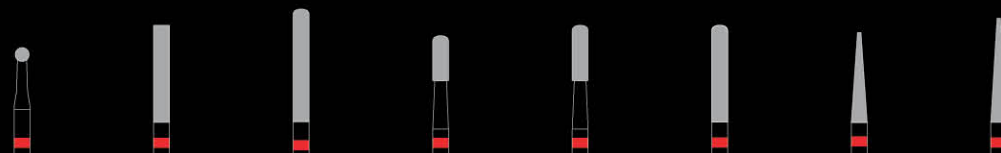
- ♦ hybrid removal from natural and previous gel/acrylic surfaces
- ♦ correcting gel and acrylic around nail folds
- ♦ small sizes ideal for preparing cuticles



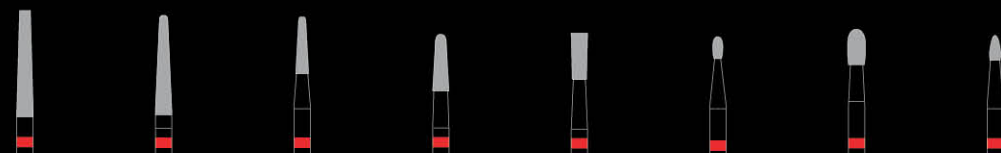
- ♦ smoothing of keratinized fingernails
- ♦ preparing callus around the nails
- ♦ preparing thick skin around nail folds
- ♦ for the treatment and final removal of nail fungus



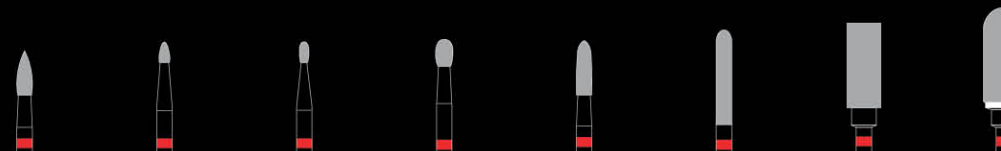
L - mm	2.0	14.0	16.0	6.5	8.0	14.0	13.0	15.0
Diameter	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Vortex Code	N01-RD-	J14-RD-	J37-RD-	J40-RD-	J41-RD-	J44-RD-	J74-RD-	J175-RD-
ISO Code 500.104...	001.140.023	114.140.023	137.140.023	140.140.023	141.140.023	144.140.023	174.140.023	175.140.023



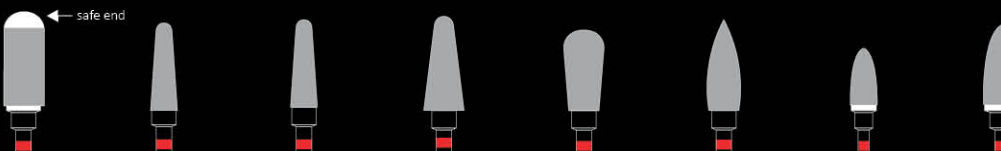
L - mm	15.0	14.0	8.0	8.0	6.5	3.0	5.0	3.5
Diameter	2.3	2.3	1.6	2.3	2.3	1.4	2.3	1.2
Vortex Code	J87-RD-	J94-RD-	J98-RD-	J98-RD-	D25-RD-	D37-RD-	D37-RD-	D57-RD-
ISO Code 500.104...	187.140.023	194.140.023	198.140.016	198.140.023	225.140.023	237.140.014	237.140.023	257.140.012



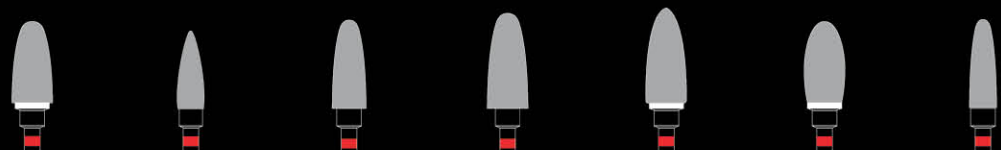
L - mm	6.5	3.5	3.0	4.0	8.0	14.0	12.5	14.0
Diameter	2.3	1.4	1.4	2.3	2.3	2.3	5.0	6.0
Vortex Code	D57-RD-	D74-RD-	D77-RD-	D77-RD-	D89-RD-	D92-RD-	J13-RD-	J37-RD-
ISO Code 500.104...	257.140.023	274.140.014	277.140.014	277.140.023	289.140.023	292.140.023	113.140.050	137.140.060



L - mm	14.0	13.0	13.0	14.0	12.0	13.5	8.5	12.0
Diameter	6.0	5.0	4.0	6.0	6.0	5.0	4.0	6.0
Vortex Code	J47-RD-	D00-RD-	D01-RD-	D01-RD-	D37-RD-	D43-RD-	D57-RD-	D57-RD-
ISO Code 500.104...	147.140.060	200.140.050	201.140.040	201.140.060	237.140.060	243.140.050	257.140.040	257.140.060



L - mm	12.0	11.5	13.0	14.0	14.0	12.0	13.0
Diameter	6.0	4.0	5.0	6.0	6.0	6.0	4.0
Vortex Code	D63-RD-	D73-RD-	D74-RD-	D74-RD-	D75-RD-	D77-RD-	D92-RD-
ISO Code 500.104...	263.140.060	273.140.040	274.140.050	274.140.060	275.140.060	277.140.060	292.140.040



Tungsten Carbide Drill Bits



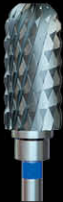
Tungsten carbide drill bits with **standard** crosscut



- ♦ for fast removal of gel and acrylic - ideal for hybrid removal from the natural nail, gel nails and acrylic nails
- ♦ for preparing ideal shape of the nails
- ♦ small sizes perfect for preparing cuticles



- ♦ for preparing cornea next to nails
- ♦ for preparing thick skin next to nail fold, delicate preparation of callus on the skin
- ♦ for preparing nails with fungus
- ♦ for working on subungual surface
- ♦ for preparing cornea and natural callus



L - mm	14.0	16.0	8.0	14.0	13.0	15.0	15.0	14.0
Diameter	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Vortex Code	J14-BL-	J37-BL-	J41-BL-	J44-BL-	J74-BL-	J75-BL-	J87-BL-	J94-BL-
ISO Code 500.104...	114.190.023	137.190.023	141.190.023	144.190.023	174.190.023	175.190.023	187.190.023	194.190.023

L - mm	4.0	6.0	8.0	4.0	5.5	5.5
Diameter	0.8	2.3	2.3	1.6	2.3	2.3
Vortex Code	J96-BL-	J97-BL-	J98-BL-	D25-BL-	D25-BL-	D37-BL-
ISO Code 500.104...	196.190.008	197.190.023	198.190.023	225.190.016	225.190.023	237.190.023

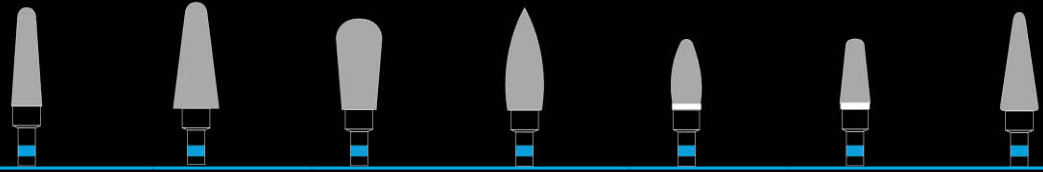
L - mm	3.5	7.0	3.5	3.0	4.0	8.0	14.0	12.5
Diameter	1.2	2.3	1.4	1.4	2.3	2.3	2.3	5.0
Vortex Code	D57-BL-	D57-BL-	D74-BL-	D77-BL-	D77-BL-	D89-BL-	D92-BL-	J13-BL-
ISO Code 500.104...	257.190.012	257.190.023	274.190.014	277.190.014	277.190.023	289.190.023	292.190.023	113.190.050

L - mm	14.0	14.0	14.0	13.0	13.0	13.0	14.0
Diameter	6.0	6.0	6.0	5.0	4.0	4.5	6.0
Vortex Code	J13-BL-	J37-BL-	J47-BL-	J43-BL-	J94-BL-	J94-BL-	J94-BL-
ISO Code 500.104...	113.190.060	137.190.060	147.190.060	143.190.050	194.190.040	194.190.045	194.190.060

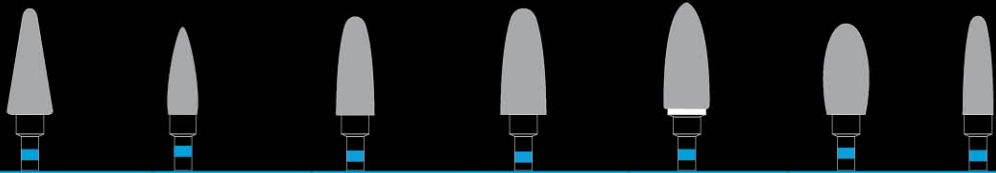
← safe end



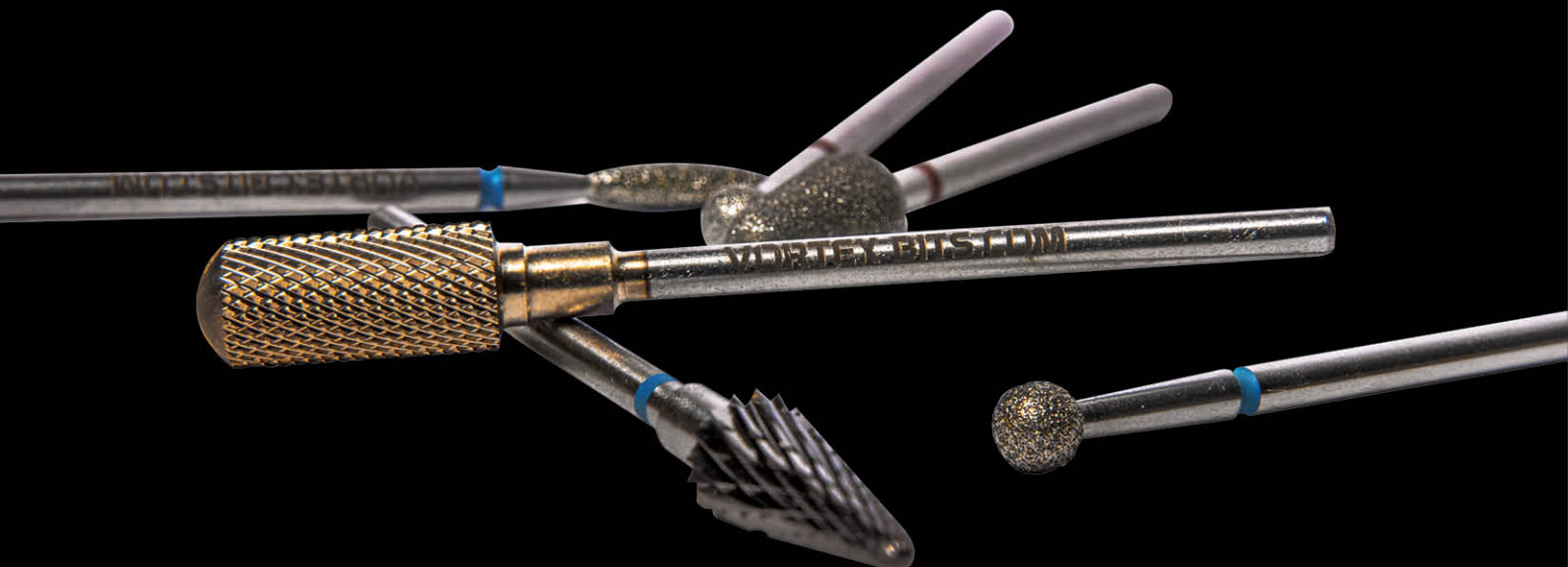
Tungsten Carbide Drill Bits



L - mm	13.0	14.0	12.0	13.5	8.5	8.5	13.0
Diameter	4.0	6.0	6.0	5.0	4.0	4.0	5.0
Vortex Code	D01-BL-	D01-BL-	D37-BL-	D43-BL-	D57-BL-	D63-BL-	D66-BL-
ISO Code 500.104...	201.190.040	201.190.060	237.190.060	243.190.050	257.190.040	263.190.040	266.190.050



L - mm	14.0	11.5	13.0	14.0	14.0	12.0	13.0
Diameter	6.0	4.0	5.0	6.0	6.0	6.0	4.0
Vortex Code	D66-BL-	D73-BL-	D74-BL-	D74-BL-	D75-BL-	D77-BL-	D92-BL-
ISO Code 500.104...	266.190.060	273.190.040	274.190.050	274.190.060	275.190.060	277.190.060	292.190.040



Tungsten Carbide Drill Bits



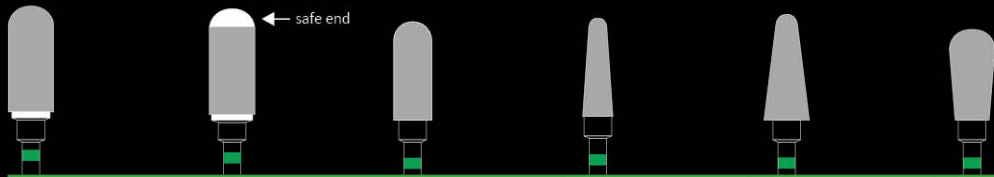
Tungsten carbide drill bits with **coarse** crosscut



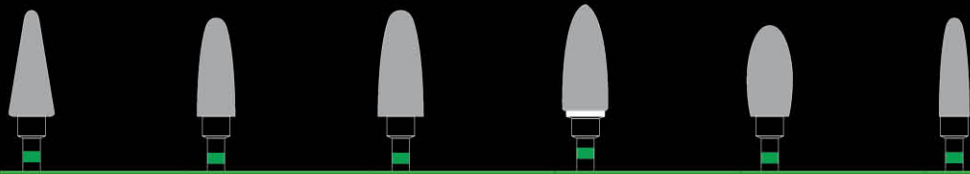
- ♦ for removing durable, artificial material, ideal for removing acrylic and gel



- ♦ for removing callus and cornea
- ♦ to work on thickened nails



L - mm	14.0	14.0	13.0	13.0	14.0	12.0
Diameter	6.0	6.0	5.0	4.0	6.0	6.0
Vortex Code	J37-GR-	J47-GR-	J43-GR-	D00-GR-	D01-GR-	D37-GR-
ISO Code 500.104...	137.220.060	147.220.060	143.220.050	200.220.040	201.220.060	237.220.060



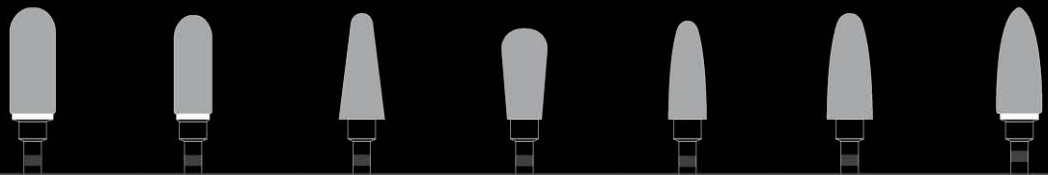
L - mm	14.0	13.0	14.0	14.0	12.0	13.0
Diameter	6.0	5.0	6.0	6.0	6.0	4.0
Vortex Code	D66-GR-	D74-GR-	D74-GR-	D75-GR-	D77-GR-	D92-GR-
ISO Code 500.104...	266.220.060	274.220.050	274.220.060	275.220.060	277.220.060	292.220.040



Tungsten carbide drill bits with **super coarse** crosscut



- ♦ for fast removal of hard materials, ideal to remove dip powder



L - mm	14.0	13.0	14.0	12.0	13.0	14.0	14.0
Diameter	6.0	5.0	6.0	6.0	5.0	6.0	6.0
Vortex Code	J37-BK-	J43-BK-	D01-BK-	D37-BK-	D74-BK-	D74-BK-	D75-BK-
ISO Code 500.104...	137.223.060	143.223.050	201.223.060	237.223.060	274.223.050	274.223.060	275.223.060



Tungsten Carbide Drill Bits



Tungsten carbide drill bits with **crosswise cut**



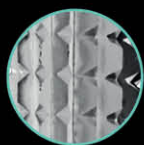
- ♦ for careful removal of hybrid from any base as well as natural nail plate
- ♦ ideal for beginners
- ♦ for accurate removal and smoothing of gel



L - mm	8.0	14.0	15.0	14.0	4.0	10.5
Diameter	2.3	2.3	2.3	2.3	0.8	2.3
Vortex Code	J41-V-	J44-V-	J75-V-	J94-V-	J96-V-	J99-V-
ISO Code 500.104...	141.134.023	144.134.023	175.134.023	194.134.023	196.134.008	199.134.023



L - mm	5.5	9.5	14.0	14.0	13.0	14.0
Diameter	2.3	2.3	2.3	6.0	5.0	6.0
Vortex Code	D37-V-	D89-V-	D92-V-	D01-V-	D74-V-	D74-V-
ISO Code 500.104...	237.134.023	289.134.023	292.134.023	201.134.060	274.134.050	274.134.060



Tungsten carbide drill bits with plain toothy section with **transverse** section



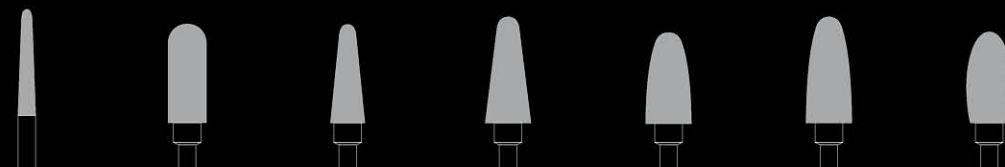
- ♦ for fast removal of hybrid and gel



- ♦ for mild grinding of keratosis
- ♦ small sizes ideal for the cleaning nail folds and for cracked heels treatment



L - mm	14.0	13.0	13.0	14.0	12.0	14.0	12.0
Diameter	2.3	5.0	4.5	6.0	6.0	6.0	6.0
Vortex Code	J94-Y-	J43-Y-	J94-Y-	D01-Y-	D63-Y-	D74-Y-	D77-Y-
ISO Code 500.104...	194.176.023	143.176.050	194.176.045	201.176.060	263.176.060	274.176.060	277.176.060



Tungsten Carbide Drill Bits



Coarse plain toothing with **transverse** section



- ♦ For fast removal of hard materials, ideal to remove dip powder



safe end



L - mm	14.0	13.0	13.0
Diameter	6.0	6.0	6.0
Vortex Code	J13-QBK-	D01-QBK-	D75-QBK-
ISO Code 500.104...	113SR.216.060	201.216.060	275.216.060



Tungsten carbide drill bits with **standard plain** cut



- ♦ for removing corns and fungal infections



L - mm	0.8	1.0	1.2	1.4	1.6
Diameter	1.0	1.2	1.4	1.6	1.8
Vortex Code	N01-BL-	N01-BL-	N01-BL-	N01-BL-	N01-BL-
ISO Code 500.104...	001.175.010	001.175.012	001.175.014	001.175.016	001.175.018



L - mm	3.25	3.5	4.5	5.5
Diameter	3.5	4.0	5.0	6.0
Vortex Code	N01-BL-	N01-BL-	N01-BL-	N01-BL-
ISO Code 500.104...	001.175.040	001.175.040	001.175.050	001.175.060



Tungsten Carbide Drill Bits



Tungsten carbide drill bits with **slim neck**



- ♦ for preparing the cuticles
- ♦ for removing corns and calluses



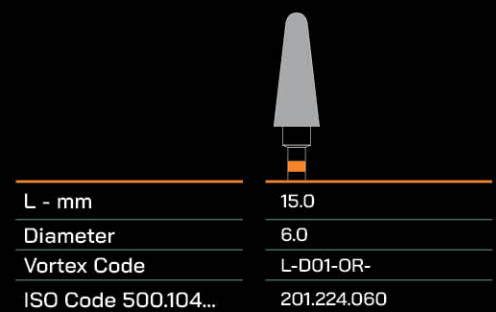
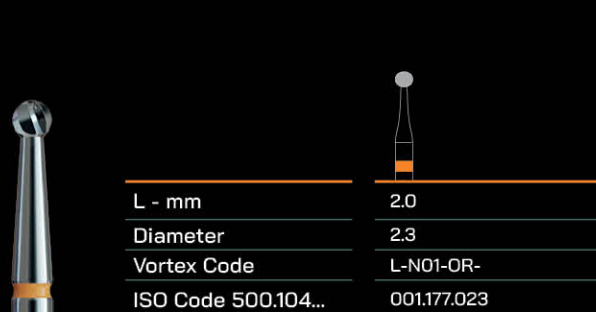
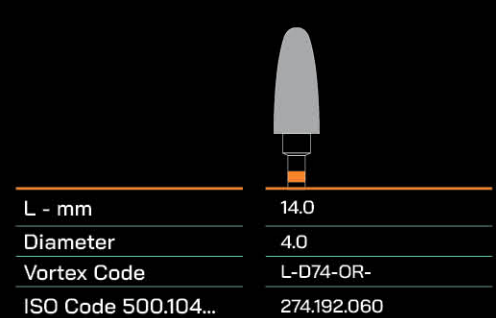
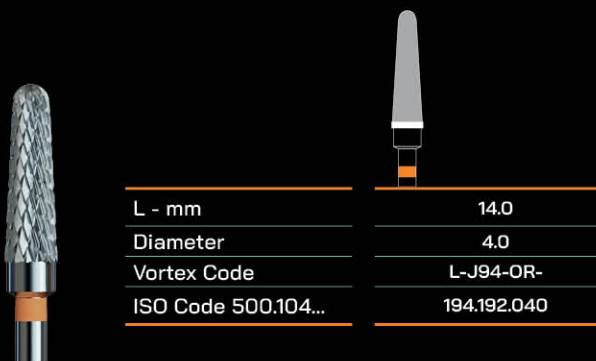
Diameter	10.0	12.0	16.0	18.0	23.0
Vortex Code	S97-RD-	S97-BL-	S97-BL-	S97-BL-	S97-BL-
ISO Code 500.104...	697.003.010	697.002.012	697.002.016	697.002.018	697.002.023



Drill bits for left-handed



- ♦ special left cutting flutes
- ♦ special color marking for easier identification - orange ring





Hollow drill bits (trephine)



- ◆ with toothed blade
- ◆ for removal of calluses, corns, hard skin



L - mm	6.5
Diameter	1.8
Vortex Code	D24-RF-
ISO Code 330.104...	224.001.018



L - mm	6.5
Diameter	2.3
Vortex Code	D24-RF-
ISO Code 330.104...	224.001.023



L - mm	6.5
Diameter	2.3
Vortex Code	D24-RF-
ISO Code 330.104...	224.001.023



L - mm	7.5
Diameter	2.7
Vortex Code	D24-RF-
ISO Code 330.104...	224.001.027



Tissue punch



- ◆ with ground blade
- ◆ for removal of painful deep corns



L - mm	6.5
Diameter	1.8
Vortex Code	D25-RF-
ISO Code 330.104...	225.373.018



L - mm	6.5
Diameter	2.3
Vortex Code	D25-RF-
ISO Code 330.104...	225.373.023



L - mm	6.5
Diameter	2.3
Vortex Code	D25-RF-
ISO Code 330.104...	225.373.023



L - mm	7.5
Diameter	2.7
Vortex Code	D25-RF-
ISO Code 330.104...	225.373.027



Nail cleaner



- ◆ for gentle removal of the deposits in the nail fold
- ◆ for gentle removal of the cuticles



L - mm	2.5
Diameter	12.0
Vortex Code	J89-RF-
ISO Code 330.104...	189.071.012



L - mm	2.5
Diameter	12.0
Vortex Code	J89-RF-
ISO Code 330.104...	189.071.012



L - mm	5.9
Diameter	12.0
Vortex Code	J90-RF-
ISO Code 500.104...	190.071.012



L - mm	5.9
Diameter	12.0
Vortex Code	J90-RF-
ISO Code 500.104...	190.071.012



Sterilization



Instructions of usage and sterilization of rotary instruments

Terms of usage

- ♦ You shall use only fully functioning rotary instruments.
- ♦ You shall place the rotary instruments in accordance with the hand piece instructions.
- ♦ You shall place the rotary instruments in the hand piece coaxially.
- ♦ You shall use the recommended rotation speed for the used rotary instrument, if not possible you need to change the rotary instrument.
- ♦ You are recommended to use safety glasses in the working process.

Sterilization and cleaning

You shall disinfect all type of instruments with a proper disinfectant for 30 minutes before the first use. You should not use any disinfectant with active oxygen ingredient.

After each use you shall remove all types of organic remains. Following, you shall clean the instruments with an ultrasonic device or in running water. Repeat if necessary. After cleaning you shall dry the instruments, otherwise it might corrode.

Conditions of sterilization:

- ♦ In 1 atm. overpressure the temperature shall be 121 °C for 15 minutes or in 2 atm. overpressure the temperature shall be 132-134 °C for 5 minutes.

Product lifetime

Product lifetime is the period where the product is preserving its original functional features. The loss of any of these features (damage or loss of nickel layer or diamond mesh, or change in the original shape) qualifies the product to be eliminated from usage.

Damaged instruments elimination

- ♦ You shall not use rotary instruments with distorted shank, this might cause vibration.
- ♦ You shall not use rotary instruments with signs of corrosion, it might cause damage of the nickel layer and diamond mesh which might
- ♦ result in infection.
- ♦ You shall not use blunt instruments, which might cause overheating or vibration.

How to store the instruments

You shall store the instruments in a dry and dark environment. After removal from the original packing you shall protect the instruments against dirt and mechanical damage.



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& INSTRUMENTS



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