



Hummingbird Burs 2

Hummingbird Burs, Sharp, Precisely sharp



Precisely Sharp,
Self-sharpening Diamond
Sand, Top-notch Sharp



Very Wear-resistant, 4
Layers Electroplating,
Mixed Diamond Sand



High Coaxiality
Whole body integrated
turning, Vacuum Treatment,
High Hardness

About Hummingbird

● Be an international dental brand

- ▶ Focus on digital orthodontics, repair consumables products and solutions

Dedication to quality, dedicated to research and development, production, and manufacturing.

Through quality and system improvement and enhancement, we aim to achieve import substitution and expand the international market, becoming a responsible national brand.

Hummingbird , dedication to quality. Build a digital repair and orthodontic solution platform.

● Mission

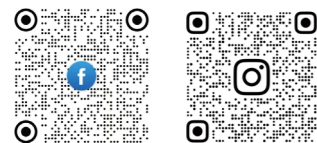
Committed to continuous improvement and innovation.
Popularizing high-quality products and services.
Helping dentists improve diagnosis and treatment techniques.
Caring for the oral health of the public.

● Vision

Pursuit of excellent quality.
As an accountable international oral healthcare enterprise.

● Values

Integrity and Honesty
Empowering Others
Action oriented
Continuously Improvement



Yammi Medical Technology (Shanghai) Co., Ltd
Web: www.yammi.com.cn

Hummingbird Burs 2.0 Technology

- ▶ **Full model range:** 1096 full range burs, covers various clinical treatment needs.
- ▶ **Precisely sharp:** Self sharpening ultra hard diamond sand, 4 layers electroplating process, sharp and efficient.

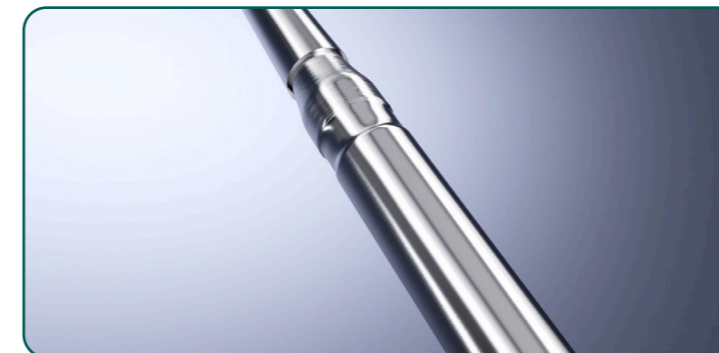
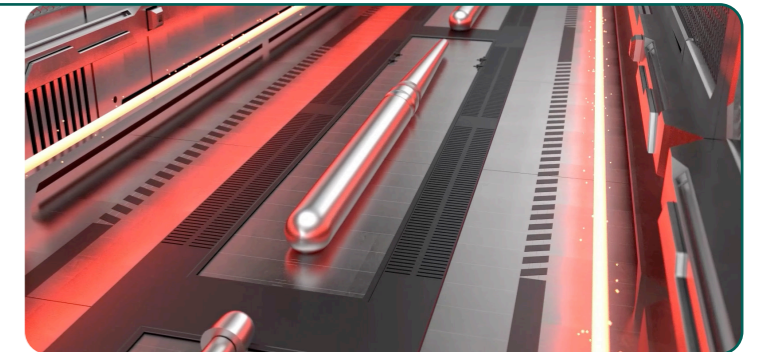


Burs full body turning process

Using high-precision machine tools, the entire body is precision turned with an accuracy up to 0.003mm. Improving the coaxiality and reducing radial runout. Resulting in a smoother grinding surface for clinical use.

Heat treatment process to enhance substrate hardness

Yammi burs heat treatment technology reconstructs the crystal structure of stainless steel. Improving its hardness from 200HV to 610HV. Improving the strength of the bur and making it more stable for clinical applications.



Precision polishing, restoring metallic luster

The bur's surface undergoes precision polishing to reduce surface oxidation, ensuring it does not discolor even after multiple disinfections.

Strictly select diamonds and use multi-layer electroplating technology

Strictly select diamond materials and use 4 layers electroplating process to ensure that each diamond particle has better self-sharpening properties. During the grinding process, sharp edges will constantly be exposed, ensuring that the bur remains both sharp and wear-resistant.



Hummingbird Burs 2.0 Generation

Maximum Allowable Speed

CA16,000min⁻¹ CA30,000min⁻¹
 90,000min⁻¹ 160,000min⁻¹
 300,000min⁻¹ 450,000min⁻¹

Working Tip	0.54	0.76	0.6	0.6	0.75	0.94	0.94	1.25
Working Length	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.00
Overall Length	24.0	24.0	24.0	24.0	24.0	24.0	24.0	21.5
ISO/Diameter	014	016	016	016	016	018	018	023
Product Code	TF-11	TF-12	TF-12EF	TF-12F	TF-12VC	TF-13	TF-13C	TF-14
Working Tip	0.85	0.9	0.9	0.9	1.5	1.5	1.2	1.12
Working Length	7.00	7.00	7.00	7.00	5.50	5.50	5.00	4.50
Overall Length	21.0	21.0	21.0	21.0	19.0	19.0	19.0	19.0
ISO/Diameter	014	016	016	016	021	021	018	016
Product Code	TF-20	TF-21	TF-21EF	TF-21F	TF-22	TF-22VC	TF-23	TF-31
Working Tip	0.76	0.85	0.9	1.65	1.2	1.12	0.74	1.15
Working Length	10.00	7.00	7.00	5.50	5.00	4.50	4.00	4.50
Overall Length	20.0	19.0	19.0	16.5	16.5	16.5	16.5	16.5
ISO/Diameter	016	014	016	021	018	016	011	016
Product Code	TF-S12	TF-S20	TF-S21	TF-S22	TF-S23	TF-S31	TF-S41	TF-S31(Ex-SS33)
Working Tip	0.4	0.76	0.97	0.97	0.97	0.97	1.04	1.2
Working Length	10.00	10.00	9.00	9.00	9.00	9.00	9.00	11.50
Overall Length	21.5	21.5	21.5	21.5	21.5	21.5	21.5	24.0
ISO/Diameter	014	016	016	018	018	018	022	022
Product Code	TR-11F	TR-12(TR-25)	TR-13	TR-13C	TR-13EF	TR-13F	TR-13VC	TR-14
Working Tip	1.06	1.06	0.93	1.2	0.82	0.82	1.2	1.16
Working Length	7.00	7.00	7.00	7.00	10.00	10.00	8.50	8.50
Overall Length	21.0	21.0	21.0	21.0	21.5	21.5	21.5	21.5
ISO/Diameter	016	016	016	018	016	016	018	018
Product Code	TR-21EF	TR-21F	TR-21VC	TR-24(RS-21)	TR-25EF	TR-25F	TR-26	TR-26EF
Working Tip	1.01	0.93	0.93	Inlay Bur	1.11	1.27	Double Tapper	1.25
Working Length	9.00	7.00	7.00	7.00	7.00	4.50	5.00	5.00
Overall Length	21.5	19.0	18.0	18.0	18.0	19.0	19.0	19.0
ISO/Diameter	022	016	016	Inlay Bur	018	018	032	032
Product Code	TR-S14EF	TR-S21	TR-SS21	Inlay Bur	TFR-52(RS-21)	TFR-30(RS-31)	EX-11	EX-11VC
Working Tip	0.4	0.68	0.4	0.4	0.4	0.4	0.4	0.4
Working Length	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Overall Length	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
ISO/Diameter	018	021	021	021	021	021	021	021
Product Code	EX-20	EX-21	EX-21EF	EX-21F	EX-21VC	BX-17(EX-24)	EX-26	EX-26VC
Working Tip	1.35	1.15	1.15	1.15	1.15	1.15	1.15	1.15
Working Length	3.50	2.00	3.00	6.00	6.00	6.00	6.00	4.50
Overall Length	19.0	19.0	19.0	16.5	16.5	16.5	16.5	14.5
ISO/Diameter	016	023	010	014	014	015	015	016
Product Code	SR-45F(EX-36EF)	FOS-13F(EX-37EF)	EX-41	TR-SS20(EX-SS13)	TFR-52(EX-513EF)	TR-522(EX-SS14)	TR-530(EX-SS14EF)	TF-5331EF(EX-SS33EF)
Working Tip	10.00	10.00	10.00	8.00	8.00	8.00	6.00	8.00
Working Length	22.0	22.0	24.0	22.0	22.0	22.0	21.0	18.5
Overall Length	22.0	22.0	24.0	22.0	22.0	22.0	21.0	18.5
ISO/Diameter	016	016	018	014	014	014	014	014
Product Code	TC-11F	TC-11VC	TC-16	TC-21	TC-21EF	TC-21F	TC-26	TC-SS21
Working Tip	1.30	1.30	1.05	0.65	0.85	0.48	0.55	0.65
Working Length	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Overall Length	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
ISO/Diameter	016	016	014	010	012	006	008	010
Product Code	BR-40	BR-40EF	BR-41	BR-45	BR-46	BR-48F	BR-49	BR-S45
Working Tip	2.20	2.20	2.20	Flame	10.00	8.00	8.00	8.00
Working Length	19.0	16.5	16.5	Flame	24.0	21.0	21.0	21.0
Overall Length	19.0	16.5	16.5	Flame	24.0	21.0	21.0	21.0
ISO/Diameter	012	014	012	Flame	012	012	014	014
Product Code	BC-43	BC-S42	BC-S43	Flame	FO-11	FO-20EF	FO-21	TT-22EF(FO-21EF)

Working Tip	5.00	5.00	5.00	3.00	3.00	4.00	4.00	4.50	6.00	7.50	9.50	8.00	
Working Length	19.0	19.0	19.0	19.0	19.0	19.0	19.0	24.0	19.0	22.0	21.0	18.0	
Overall Length	028	032	032	014	014	018	018	009	009	010	019	014	
ISO/Diameter	Product Code	FO-25	FO-27	FO-27VC	FO-30EF	FO-30F	FO-32	FO-32C	ZT-009F(FO-40EF)	ZK-13EF(FO-41EF)	TT-20EF(FO-42EF)	ZC-S19(FO-54C)	TT-S24(FO-S21)
Working Tip	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Working Length	9.50	8.00	8.00	8.00	8.00	8.00	8.00	6.00	4.50	4.00	6.00	6.00	
Overall Length	20.0	18.0	18.0	22.0	22.0	22.0	22.0	21.0	19.0	19.0	21.0	21.0	
ISO/Diameter	019	014	014	012	014	014	016	014	014	010	012	012	
Product Code	ZC-19C(FO-SS4)	TT-SS22F(FO-SS21F)	Straight Flat	SF-11	SF-12	SF-12C	SF-13	SF-21	SF-31	SF-41	Straight Cone	SO-20	
Working Tip	8.00	6.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	0.65	0.85	
Working Length	22.0	18.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	19.0	19.0	
Overall Length	014	012	012	012	012	014	016	014	016	016	010	010	
ISO/Diameter	Product Code	SO-21	TT-S12(SO-S20)	Straight Rough	SR-11	SR-11VC	SR-12	SR-13	Inverted Cone	SI-45	SI-46	SI-47	
Working Tip	1.30	0.85	1.30	1.30	2.20	2.20	2.20	2.20	2.20	2.20	0.50	2.30	
Working Length	19.0	16.5	16.5	16.5	19.0	19.0	19.0	16.5	14.5	14.5	16.5	3.50	
Overall Length	016	012	016	016	012	014	012	012	012	012	007	007	
ISO/Diameter	Product Code	SI-48	SI-S46	SI-S48	Tight Inverted Cone	DI-41	DI-42	DI-S41	DI-SS41	Children Cavity Preparation	SR-S50F(CD-50F)	SR-S07F(CD-51F)	
Working Tip	2.50	1.20	4.00	0.7	2.30	3.50	3.00	2.20	2.20	1.08	0.47	1.31	
Working Length	16.5	16.5	16.5	6.50	19.0	19.0	19.0	16.5	16.5	9.00	5.50	5.50	
Overall Length	007	008	009	013	007	007	009	009	009	021	020	020	
ISO/Diameter	Product Code	ZT-S007F(CD-53F)	JD-S09F(CD-55F)	SF-S09F(CD-58F)	TR-S21F(CD-59F)	SR-31F(CD-60F)	SR-32F(CD-61F)	SF-09F(CD-62F)	SR-S18(CD-SS51)	Cerec Burs	TFR-S15F(CE-12F)	TF-23EF(CE-13EF)	
Working Tip	0.76	0.76	0.51	1.45	1.45	0.91	0.91	0.64	0.66				
Working Length	5.00	5.00	9.00	5.00	5.00	4.00	4.00	7.00	8.00				
Overall Length	19.0	19.0	21.5	19.0	19.0	19.0	19.0	21.0	22.0				
ISO/Diameter	026	026	016	020	020	014	014	012	012				
Product Code	FO-16EF(CE-15EF)	FO-16F(CE-15F)	TR-12EF(CE-16EF)	TR-S13F(CE-16F)	TFR-66F(CE-17F)	Inlay Preparation	TR-24EF(CR-11EF)	TR-24F(CR-11F)	TR-31EF(CR-12EF)				
Working Tip	0.65	2.00	3.50	0.60	0.60	0.60	0.60	0.50					
Working Length	19.0	19.0	19.0	19.0	19.0	19.0	16.5	19.0					
Overall Length	010	007	007	042	042	042	016	024					
ISO/Diameter	Product Code	BR-45F(MI-45F)	ZT-S007F(MI-53F)	SR-S07F(MI-61F)	Wheel Shape	WR-13	WR-13C	WR-13VC					

Illustrated Diamond Bur

BR-31C

(EX-SS33, EX-SS38, EX-SS33EF, EX-38EF)

Dental Bur Model Code

TR-S14EF

① Working Shape

TF Tapper Flat	TR Tapper Round	RS Inlay Bur	EX Double Tapper
EX Shoulder Preparation	TC Tapper Cone	BR Spherical	BC Tight Spherical
FO Flame	SF Straight Flat	SO Straight Cone	SR Straight Rough
SI Inverted Cone	DI Tight Inverted Cone	CD Children Cavity Preparation	CE Cerec Burs
CR Inlay Preparation	MI Minimally Invasive	WR Wheel Shape	

② Handle Length: S (Short) SS(Extra Short)

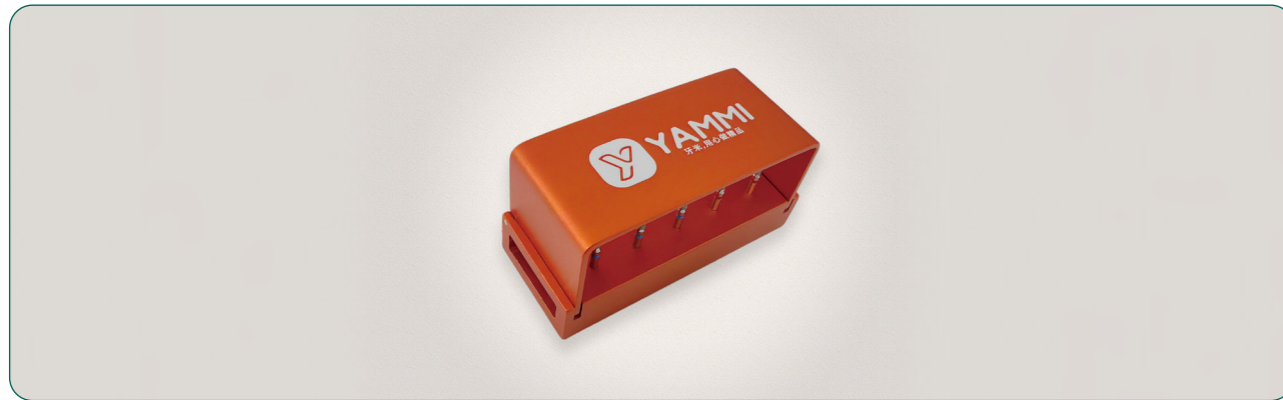
③ Diamond Sand Fineness

Coarse(C)	/125-150μ
Fine(F)	/53-63μ
Standard(S)	/106-125μ
Extra Fine(EF)	/20-30μ
Super Coarse(SC)	/180-212μ

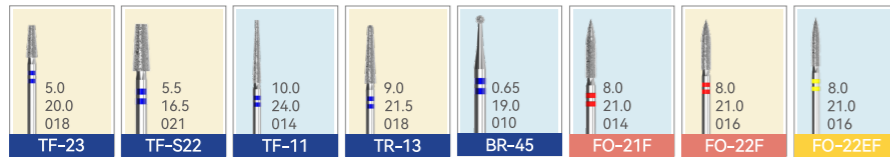
④ Maximum Allowable Speed

450,000min ⁻¹	90,000min ⁻¹
300,000min ⁻¹	CA30,000min ⁻¹
160,000min ⁻¹	CA16,000min ⁻¹

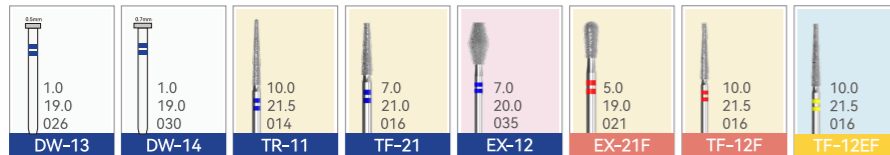
Hummingbird Burs 2.0 Generation Kits



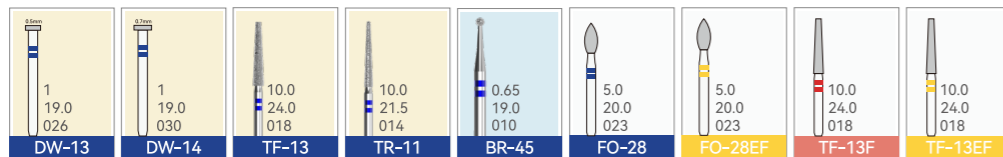
Inlay Preparation Kit



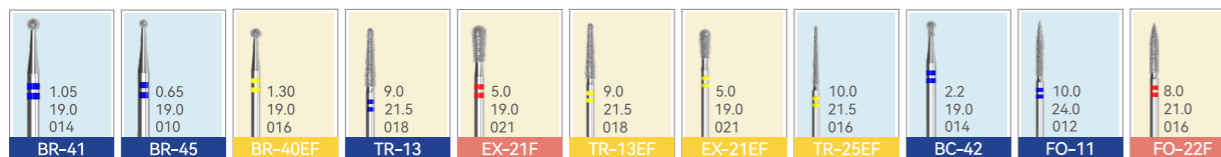
Molar Preparation Kit



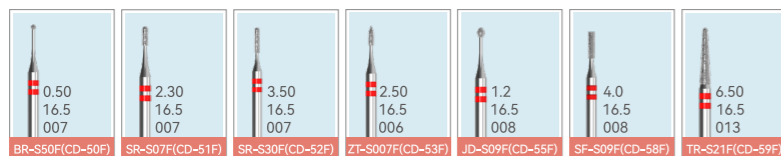
Minimally Invasive Anterior Teeth Preparation Kit



Dental Filling Kit



Children Teeth Decay Kit



Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BR-S20F	801-S006F	006	0.48	16.5	MAX300000
BR-S50F(CD-50F)	801-S007F	007	0.50	16.5	MAX300000
BR-S45F	801-S010F	010	0.65	16.5	MAX300000
BR-S45	801-S010	010	0.65	16.5	MAX300000
BR-S46	801-S012	012	0.85	16.5	MAX300000
BR-S41	801-S014	014	1.05	16.5	MAX300000
BR-S31	801-S018	018	1.50	16.5	MAX300000
BR-29UF	801-023UF	023	2.00	19.0	MAX300000
BR-20EF	801-006EF	006	0.48	19.0	MAX300000
BR-50EF	801-007EF	007	0.50	19.0	MAX300000

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BR-49EF	801-008EF	008	0.55	19.0	MAX300000
BR-47EF	801-009EF	009	0.60	19.0	MAX300000
BR-45EF	801-010EF	010	0.65	19.0	MAX300000
BR-46EF	801-012EF	012	0.85	19.0	MAX300000
BR-41EF	801-014EF	014	1.05	19.0	MAX300000
BR-40EF	801-016EF	016	1.30	19.0	MAX300000
BR-31EF	801-018EF	018	1.50	19.0	MAX300000
BR-29EF	801-023EF	023	2.00	19.0	MAX300000
BR-21EF	801-025EF	025	2.15	19.0	MAX160000
BR-25EF	801-029EF	029	2.55	19.0	MAX140000

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BR-26EF	801-035EF	035	3.10	19.0	MAX120000
BR-48F	801-006F	006	0.48	19.0	MAX300000
BR-50F	801-007F	007	0.50	19.0	MAX300000
BR-49F	801-008F	008	0.55	19.0	MAX300000
BR-47F	801-009F	009	0.60	19.0	MAX300000
BR-45F(MI-45F)	801-010F	010	0.65	19.0	MAX300000
BR-46F	801-012F	012	0.85	19.0	MAX300000
BR-41F	801-014F	014	1.05	19.0	MAX300000
BR-40F	801-016F	016	1.30	19.0	MAX300000
BR-31F	801-018F	018	1.50	19.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

BR
Spherical

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BR-30F	801-021F	021	1.80	19.0	MAX300000
BR-29F	801-023F	023	2.00	19.0	MAX300000
BR-21F	801-025F	025	2.15	19.0	MAX160000
BR-25F	801-029F	029	2.55	19.0	MAX140000
BR-26F	801-035F	035	3.10	19.0	MAX120000
BR-20	801-006	006	0.48	19.0	MAX300000
BR-50	801-007	007	0.50	19.0	MAX300000
BR-49	801-008	008	0.55	19.0	MAX300000
BR-47	801-009	009	0.60	19.0	MAX300000
BR-45	801-010	010	0.65	19.0	MAX300000

BR
Spherical

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BR-46	801-012	012	0.85	19.0	MAX300000
BR-41	801-014	014	1.05	19.0	MAX300000
BR-40	801-016	016	1.30	19.0	MAX300000
BR-31	801-018	018	1.50	19.0	MAX300000
BR-30	801-021	021	1.80	19.0	MAX300000
BR-29	801-023	023	2.00	19.0	MAX300000
BR-25	801-029	029	2.55	19.0	MAX140000
BR-26	801-035	035	3.10	19.0	MAX120000
BR-47C	801-009C	009	0.60	19.0	MAX300000
BR-45C	801-010C	010	0.65	19.0	MAX300000

BR
Spherical

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BR-46C	801-012C	012	0.85	19.0	MAX300000
BR-41C	801-014C	014	1.05	19.0	MAX300000
BR-40C	801-016C	016	1.30	19.0	MAX300000
BR-31C	801-018C	018	1.50	19.0	MAX300000
BR-29C	801-023C	023	2.00	19.0	MAX300000
BR-25C	801-029C	029	2.55	19.0	MAX140000
BR-26C	801-035C	035	3.10	19.0	MAX120000
BR-40VC	801-016VC	016	1.30	19.0	MAX300000
BR-29VC	801-023VC	023	2.00	19.0	MAX300000
BR-L50	801-L007	007	0.50	22.0	MAX300000

BR
Spherical

Product Code	ISO Code	Diameter mm	Working Length mm	车针全长mm	Maximum Speed
BR-L49	801-L008	008	0.55	22.0	MAX300000
BR-L47	801-L009	009	0.60	22.0	MAX300000
BR-L45	801-L010	010	0.65	22.0	MAX300000
BR-L46	801-L012	012	0.85	22.0	MAX300000
BR-L41	801-L014	014	1.05	22.0	MAX300000
BR-L40	801-L016	016	1.30	22.0	MAX300000
BR-L31	801-L018	018	1.30	22.0	MAX300000
BR-L30	801-L021	021	1.80	22.0	MAX300000
BR-L29	801-L023	023	2.00	22.0	MAX300000
BR-L46F	801-L012F	012	0.85	22.0	MAX300000

BR
Spherical

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BR-L41F	801-L014F	014	1.05	22.0	MAX300000
BR-L40F	801-L016F	016	1.30	22.0	MAX300000
BR-L31F	801-L018F	018	1.30	22.0	MAX300000
BR-L30F	801-L021F	021	1.80	22.0	MAX300000
BR-L29F	801-L023F	023	2.00	22.0	MAX300000
BR-L-40	801L-016	016	1.30	22.0	MAX300000
BR-L40C	801L-016C	016	1.30	22.0	MAX300000
BR-LL41C	801-LL016C	014	1.05	24.0	MAX300000
BR-LL41VC	801-LL016VC	014	1.05	24.0	MAX300000





BC
Tight Spherical

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BC-29	802-009	009	2.20	19.0	MAX300000
BC-33	802-010	010	2.20	19.0	MAX300000
BC-43	802-012	012	2.20	19.0	MAX300000
BC-32	802-014	014	2.20	19.0	MAX300000
BC-42	802-016	014	2.20	19.0	MAX300000
BC-31	802-018	018	2.20	19.0	MAX300000
BC-33C	802-010C	010	2.20	19.0	MAX300000
BC-43C	802-012C	012	2.20	19.0	MAX300000
BC-42C	802-014C	014	2.20	19.0	MAX300000
BC-S43	802-S012	012	2.20	16.5	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ










Diamond Sand Fineness ● (C) Coarse/125-150μ ● Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

BC
Tight Spherical







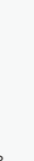
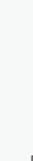
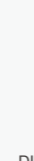




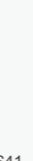
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BC-S42	802-S014	014	2.20	16.5	MAX300000
BC-S32	802-S016	016	2.20	16.5	MAX300000
BC-S31	802-S018	018	2.20	16.5	MAX300000

SD
Diabolo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SD-40	813-010	010	1.60	19.0	MAX300000
SD-41	813-012	012	1.60	19.0	MAX300000
SD-42	813-014	014	1.60	19.0	MAX300000
SD-43	813-016	016	1.90	19.0	MAX300000
SD-44	813-018	018	2.30	19.0	MAX300000
SD-45	813-020	020	2.30	19.0	MAX300000
SD-L42	813-L14	014	2.50	19.0	MAX300000
SDL-41(DI-41)	813L-010	010	2.30	19.0	MAX300000











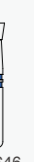
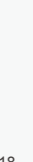

DI
Tight Inverted Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DI-30	806-009	009	2.00	19.0	MAX300000
DI-31	806-010	010	2.00	19.0	MAX300000
DI-41	806-012	012	2.20	19.0	MAX300000
DI-42	806-014	014	2.20	19.0	MAX300000
DI-32	806-016	016	2.20	19.0	MAX300000
DI-43	806-018	018	2.20	19.0	MAX300000
DI-31C	806-010C	010	2.00	19.0	MAX300000
DI-41C	806-012C	012	2.20	19.0	MAX300000
DI-42C	806-014C	014	2.20	19.0	MAX300000
DI-43C	806-018C	018	2.20	19.0	MAX300000
DI-S30	806-S009	009	2.00	16.5	MAX300000
DI-S41	806-S010	012	2.20	16.5	MAX300000
DI-SS41	806-SS010	012	2.20	14.5	MAX300000



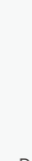
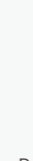
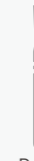






Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

SI
Inverted Cone



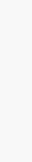
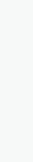
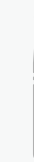
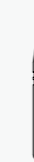



Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SI-44	805-009	009	0.60	19.0	MAX300000
SI-45	805-010	010	0.65	19.0	MAX300000
SI-46	805-012	012	0.85	19.0	MAX300000
SI-47	805-014	014	1.05	19.0	MAX300000
SI-48	805-016	016	1.30	19.0	MAX300000
SI-50	805-018	018	1.50	19.0	MAX300000
SI-46C	805-012C	012	0.85	19.0	MAX300000
SI-47C	805-014C	014	1.05	19.0	MAX300000
SI-S26	805-S023	023	2.00	16.5	MAX300000
SI-S46	805-S012	012	0.85	16.5	MAX300000
SI-S18	805-S014	014	1.05	16.5	MAX300000
SI-S48	805-S016	016	1.30	16.5	MAX300000

DJ
Inverted Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DJ-12	807-012	012	3.50	19.0	MAX300000
DJ-13	807-014	014	3.50	19.0	MAX300000
DJ-17	807-016	016	4.00	19.0	MAX300000
DJ-20	807-018	018	5.00	19.0	MAX300000
DJ-19	807-021	021	4.00	19.0	MAX300000
DJ-22	807-023	023	6.00	21.0	MAX300000
DJ-23	807-025	025	6.00	21.0	MAX300000
DJ-08	822-008	008	2.00	19.0	MAX300000
DJ-10	822-009	009	2.00	19.0	MAX300000
DJ-S32	830-S012	012	2.70	16.5	MAX300000

DJ
Inverted Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DJ-30EF	830-009EF	009	2.70	19.0	MAX300000
DJ-31EF	830-010EF	010	2.70	19.0	MAX300000
DJ-32EF	830-012EF	012	2.70	19.0	MAX300000
DJ-33EF	830-014EF	014	2.70	19.0	MAX300000
DJ-30F	830-009F	009	2.70	19.0	MAX300000
DJ-31F	830-010F	010	2.70	19.0	MAX300000
DJ-32F	830-012F	012	2.70	19.0	MAX300000
DJ-33F	830-014F	014	2.70	19.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

DJ
Inverted Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DJ-28	830-007	007	2.70	19.0	MAX300000
DJ-29	830-008	008	2.70	19.0	MAX300000
DJ-30	830-009	009	2.70	19.0	MAX300000
DJ-31	830-010	010	2.70	19.0	MAX300000
DJ-32	830-012	012	2.70	19.0	MAX300000
DJ-33	830-014	014	2.70	19.0	MAX300000
DJ-34	830-016	016	2.70	19.0	MAX300000
DJ-31C	830-010C	010	2.70	19.0	MAX300000
DJ-32C	830-012C	012	2.70	19.0	MAX300000
DJ-33C	830-014C	014	2.70	19.0	MAX300000

DJ
Inverted Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DJL-34C	830-016C	016	2.70	19.0	MAX300000
DJL-31F	830L-010F	010	4.00	19.0	MAX300000
DJL-32F	830L-012F	012	4.00	19.0	MAX300000
DJL-33F	830L-014F	014	5.00	19.0	MAX300000
DJL-31	830L-010	010	4.00	19.0	MAX300000
DJL-32	830L-012	012	4.00	19.0	MAX300000
DJL-33	830L-014	014	5.00	19.0	MAX300000
DJL-34	830L-016	016	5.00	19.0	MAX300000
DJL-35	830L-018	018	5.00	19.0	MAX300000

DJ
Inverted Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DJL-32C	830L-012C	012	4.00	19.0	MAX300000
DJL-33C	830L-014C	014	5.00	19.0	MAX300000
DJL-34C	830L-016C	016	5.00	19.0	MAX300000
DJL-35C	830L-018C	018	5.00	19.0	MAX300000
DJL-33VC	830L-014VC	014	5.00	19.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

EX
Pear Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
EX-S22C	830RL-S012C	012	4.00	16.5	MAX300000
EX-S31C	830RL-S014C	014	5.00	16.5	MAX300000
EX-S19C	830RL-S016C	016	5.00	16.5	MAX300000
EX-S20C	830RL-S018C	018	5.00	16.5	MAX300000
EX-31F	830RL-012F	014	4.50	19.0	MAX300000
EX-41F	830RL-014F	014	4.00	19.0	MAX300000
EX-19F	830RL-016F	016	5.00	19.0	MAX300000
EX-20F	830RL-018F	018	5.00	19.0	MAX300000
EX-21F	830RL-021F	021	5.00	19.0	MAX300000
EX-26F	830RL-033F	033	5.20	19.0	MAX160000

EX
Pear Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
EX-41	830RL-010	010	3.00	19.0	MAX300000
EX-31	830RL-012	014	4.50	19.0	MAX300000
EX-10	830RL-014	014	3.00	19.0	MAX300000
EX-19	830RL-016	016	5.00	19.0	MAX300000
EX-20	830RL-018	018	5.00	19.0	MAX300000
EX-21	830RL-021	021	5.00	19.0	MAX300000
EX-26	830RL-033	032	5.00	19.0	MAX160000
EX-22C	830RL-012C	012	4.00	19.0	MAX300000
EX-15C	830RL-014C	014	5.00	19.0	MAX300000
EX-19C	830RL-016C	016	5.00	19.0	MAX300000

EX
Pear Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
EX-20C	830RL-018C	018	5.00	19.0	MAX300000
EX-21C	830RL-021C	021	5.50	19.0	MAX300000
EX-26C	830RL-033C	033	5.20	19.0	MAX160000
EX-15EF	830RL-014EF	014	5.00	19.0	MAX300000
EX-21EF	830RL-018EF	021	5.00	19.0	MAX300000
EX-26EF	830RL-034EF	034	5.00	19.0	MAX160000
EX-21VC	830RL-021VC	021	5.00	19.0	MAX160000
EX-26VC	830RL-033VC	032	5.00	19.0	MAX160000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SFR-42EF	835KR-012EF	012	4.00	19.0	MAX300000
SFR-07	835KR-007	007	3.00	19.0	MAX160000
SFR-08	835KR-008	008	3.00	19.0	MAX160000
SFR-09	835KR-009	009	3.00	19.0	MAX160000
SFR-41	835KR-010	010	4.00	19.0	MAX160000
SFR-42	835KR-012	012	4.00	19.0	MAX300000
SFR-43	835KR-014	014	4.00	19.0	MAX300000
SFR-44	835KR-016	016	4.00	19.0	MAX300000
SFR-08F	835KR-008F	008	3.00	19.0	MAX160000
SFR-41F	835KR-010F	010	4.00	19.0	MAX160000

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SFR-42F	835KR-012F	012	4.00	19.0	MAX300000
SFR-43F	835KR-014F	014	4.00	19.0	MAX300000
SFR-44F	835KR-016F	016	4.00	19.0	MAX300000
SFR-40C	835KR-010C	010	4.00	19.0	MAX160000
SFR-42C	835KR-012C	012	4.00	19.0	MAX300000
SFR-43C	835KR-014C	014	4.00	19.0	MAX300000
SFR-20EF	836KR-012EF	012	6.00	21.0	MAX300000
SFR-19F	836KR-010F	010	6.00	21.0	MAX160000
SFR-20F	836KR-012F	012	6.00	21.0	MAX300000
SFR-21F	836KR-014F	014	6.00	21.0	MAX300000

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SFR-22F	836KR-016F	016	6.00	21.0	MAX300000
SFR-23F	836KR-018F	018	6.00	21.0	MAX300000
SFR-19	836KR-010	010	6.00	21.0	MAX160000
SFR-20	836KR-012	012	6.00	21.0	MAX300000
SFR-21	836KR-014	014	6.00	21.0	MAX300000
SFR-22	836KR-016	016	6.00	21.0	MAX300000
SFR-23	836KR-018	018	6.00	21.0	MAX300000
SFR-19C	836KR-010C	010	6.00	21.0	MAX160000
SFR-20C	836KR-012C	012	6.00	21.0	MAX300000
SFR-21C	836KR-014C	014	6.00	21.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SFR-23C	836KR-018C	018	6.00	21.0	MAX300000
SFR-12EF	837KR-014EF	014	8.00	22.0	MAX300000
SFR-10F	837KR-010F	010	8.00	22.0	MAX160000
SFR-11F	837KR-012F	012	8.00	22.0	MAX300000
SFR-12F	837KR-014F	014	8.00	22.0	MAX300000
SFR-13F	837KR-06F	016	8.00	22.0	MAX300000
SFR-10	837KR-010	010	8.00	22.0	MAX160000
SFR-11	837KR-012	012	8.00	22.0	MAX300000
SFR-12	837KR-014	014	8.00	22.0	MAX300000
SFR-11C	837KR-012C	012	8.00	22.0	MAX300000

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SFR-12C	837KR-014C	014	8.00	22.0	MAX300000
SFR-L12	837KR-L014	014	10.00	24.0	MAX300000
SFR-64	842KR-014	014	12.00	24.0	MAX160000
SF-S41	835-S010	010	4.00	16.5	MAX160000
SF-S42	835-S012	012	4.00	16.5	MAX300000
SF-S42C	835-S012C	012	4.00	16.5	MAX300000
SF-S08F	835-S008F	008	4.00	16.5	MAX160000
SF-S09F(CD-58F)	835-S009F	008	4.00	16.5	MAX160000
SF-41EF	835-010EF	010	4.00	19.0	MAX160000
SF-42EF	835-012EF	012	4.00	19.0	MAX300000

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SF-09F(CD-62F)(MI-62F)	835-009F	009	3.20	19.0	MAX160000
SF-41F	835-010F	010	4.00	19.0	MAX160000
SF-43F	835-014F	014	4.00	19.0	MAX300000
SF-07	835-007	007	3.00	19.0	MAX160000
SF-08	835-008	008	3.00	19.0	MAX160000
SF-09	835-009	009	3.00	19.0	MAX160000
SF-41	835-010	010	4.00	19.0	MAX160000
SF-42	835-012	012	4.00	19.0	MAX300000
SF-31	835-014	014	4.50	19.0	MAX300000
SF-44	835-016	016	4.00	19.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SF-45	835-018	018	4.00	19.0	MAX300000
SF-08C	835-008C	008	3.00	19.0	MAX160000
SF-40C	835-009C	009	3.00	19.0	MAX160000
SF-41C	835-010C	010	4.00	19.0	MAX160000
SF-42C	835-012C	012	4.00	19.0	MAX300000
SF-43C	835-014C	014	4.50	19.0	MAX300000
SF-44C	835-016C	016	4.00	19.0	MAX300000
SF-45C	835-018C	018	4.00	19.0	MAX300000
SF-43VC	835-014VC	014	4.00	19.0	MAX300000
SF-20F	836-012F	012	6.00	21.0	MAX300000

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SF-20	836-012	012	6.00	21.0	MAX300000
SF-21	836-014	014	6.00	21.0	MAX300000
SF-22	836-016	016	6.00	21.0	MAX300000
SF-23	836-018	018	6.00	21.0	MAX300000
SF-24	836-022	022	6.00	21.0	MAX300000
SF-25	836-027	027	6.00	21.0	MAX300000
SF-20C	836-012C	012	6.00	21.0	MAX300000
SF-21C	836-014C	014	6.00	21.0	MAX300000
SF-23C	836-018C	018	6.00	21.0	MAX300000
SF-21VC	836-014VC	014	6.00	21.0	MAX300000

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SF-11F	837-012F	012	8.00	22.0	MAX300000
SF-12F	837-014F	014	8.00	22.0	MAX300000
SF-11	837-012	012	8.00	22.0	MAX300000
SF-12	837-014	014	8.00	22.0	MAX300000
SF-13	837-016	016	8.00	22.0	MAX300000
SF-11C	837-012C	012	8.00	22.0	MAX300000
SF-12C	837-014C	014	8.00	22.0	MAX300000
SF-13C	837-016C	016	8.00	22.0	MAX300000
SF-11VC	837-012VC	012	8.00	22.0	MAX300000
SF-12VC	837-014VC	014	8.00	22.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

SF
Straight Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SF-13VC	837-016VC	016	8.00	22.0	MAX300000
SF-11EF	837-012EF	012	8.00	22.0	MAX300000
SF-12EF	837-014EF	014	8.00	22.0	MAX300000
SF-L12	837-L014	014	10.00	24.0	MAX300000
SF-60	842-014	014	12.00	24.0	MAX160000
SF-61	DM-05	009	0.50	19.0	MAX160000
SF-62	DM-10	009	1.00	19.0	MAX160000
SF-63	DM-15	009	1.50	19.0	MAX160000
SF-64	DM-20	009	2.00	19.0	MAX160000

SR
Straight Rough

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SR-18	838-008	008	3.00	19.0	MAX160000
SR-19	838-009	009	3.00	19.0	MAX160000
SR-25	838-010	010	4.00	19.0	MAX160000
SR-26	838-012	012	4.00	19.0	MAX300000
SR-26C	838-012C	012	4.00	19.0	MAX300000
SR-27	838-014	014	4.00	19.0	MAX300000
SR-28	838-016	016	4.00	19.0	MAX300000
SR-29	838-018	018	6.00	19.0	MAX300000
SR-25C	838-010C	010	4.00	19.0	MAX160000
SR-25EF	838-010EF	010	4.00	19.0	MAX160000

SR
Straight Rough

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SR-27EF	838-014C	014	4.00	19.0	MAX300000
SR-26EF	838-012EF	012	4.00	19.0	MAX300000
SR-45EF(EX-36EF)	838-016EF	016	3.50	19.0	MAX300000
SR-26VC	838-014VC	014	4.00	19.0	MAX300000
SR-07F(MI-61F)	838-007F	007	3.50	19.0	MAX160000
SR-31F(CD-60F)	840-007F	007	2.30	19.0	MAX160000
SR-32F(CD-61F)	841-007F	007	3.50	19.0	MAX160000
SR-S07F(CD-51F)	838-S007F	007	2.30	16.5	MAX160000
SR-S18(CD-SS51)	838-S009	009	2.20	16.5	MAX160000
SR-S30F(CD-52F)	839-S007F	007	3.50	16.5	MAX160000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

SR
Straight Rough

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SR-20F	880-012F	012	6.00	21.0	MAX300000
SR-21F	880-014F	014	6.00	21.0	MAX300000
SR-22F	880-016F	016	6.00	21.0	MAX300000
SR-20	880-012	012	6.00	21.0	MAX300000
SR-21	880-014	014	6.00	21.0	MAX300000
SR-20C	880-012C	012	6.00	21.0	MAX300000
SR-21C	880-014C	014	6.00	21.0	MAX300000
SR-23	880-018	018	6.00	21.0	MAX300000
SR-24	880-023	023	6.00	21.0	MAX300000
SR-23C	880-018C	018	6.00	21.0	MAX300000

SR
Straight Rough

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SR-24C	880-023C	023	6.00	21.0	MAX300000
SR-22C	880-016C	016	6.00	21.0	MAX300000
SR-21EF	880-014EF	014	6.00	21.0	MAX300000
SR-21VC	880-014VC	014	6.00	21.0	MAX300000
SR-11EF	881-012EF	012	8.00	22.0	MAX300000
SR-12EF	881-014EF	014	8.00	22.0	MAX300000
SR-10F	881-010F	010	8.00	22.0	MAX160000
SR-11F	881-012F	012	8.00	22.0	MAX300000
SR-12F	881-014F	014	8.00	22.0	MAX300000
SR-13F	881-016F	016	8.00	22.0	MAX300000

SR
Straight Rough

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SR-14F	881-018F	018	8.00	22.0	MAX300000
SR-11	881-012	012	8.00	22.0	MAX300000
SR-12	881-014	014	8.00	22.0	MAX300000
SR-13	881-016	016	8.00	22.0	MAX300000
SR-11C	881-012C	012	8.00	22.0	MAX300000
SR-12C	881-014C	014	8.00	22.0	MAX300000
SR-13C	881-016C	016	8.00	22.0	MAX300000
SR-14C	881-018C	018	8.00	22.0	MAX300000
SR-11VC	881-012VC	012	8.00	22.0	MAX300000
SR-13VC	881-016VC	016	8.00	22.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

SR
Straight Rough

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SR-15F	882-012F	012	10.00	24.0	MAX300000
SR-16F	882-014F	014	10.00	24.0	MAX300000
SR-17F	882-016F	016	10.00	24.0	MAX300000
SR-15	882-012	012	10.00	24.0	MAX300000
SR-16	882-014	014	10.00	24.0	MAX300000
SR-L16F	882-L014F	014	12.00	24.0	MAX160000
SR-47	630-017	007	2.20	19.0	MAX160000
SR-47C	630-017C	007	1.50	19.0	MAX160000
SR-47EF	630-017EF	007	2.00	19.0	MAX160000
SR-47F	630-017F	007	2.40	19.0	MAX160000

SO
Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SO-20F	884-012F	012	6.00	21.0	MAX300000
SO-20	884-012	012	6.00	21.0	MAX300000
SO-20C	884-012C	012	6.00	21.0	MAX300000
SO-10	884-010	010	6.00	21.0	MAX160000
SO-22	884-014	014	6.00	21.0	MAX300000
SO-S22	884-S014	014	6.00	19.0	MAX300000
SO-24	884-016	016	3.40	19.0	MAX300000
SO-24EF(EX-36EF)	884-016EF	016	3.40	19.0	MAX300000
SO-12F	885-012F	012	8.00	22.0	MAX300000
SO-21F	885-014F	014	8.00	22.0	MAX300000

SO
Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SO-12	885-012	012	8.00	22.0	MAX300000
SO-21	885-014	014	8.00	22.0	MAX300000
SO-12C	885-012C	012	8.00	22.0	MAX300000
SO-21C	885-014C	014	8.00	22.0	MAX300000
SO-13F	886-012F	012	10.00	24.0	MAX300000
SO-14F	886-014F	014	10.00	24.0	MAX300000
SO-15F	886-016F	016	10.00	24.0	MAX300000
SO-13	886-012	012	10.00	24.0	MAX300000
SO-14	886-014	014	10.00	24.0	MAX300000
SO-15	886-016	016	10.00	24.0	MAX300000
SO-14C	886-014C	014	10.00	24.0	MAX300000
SO-15C	886-016C	016	10.00	24.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

ZT Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZT-11C	883-010C	010	3.00	19.0	MAX160000
ZT-11	883-010	010	3.00	19.0	MAX160000
ZT-007F(MI-53F)	883-007F	007	2.00	19.0	MAX160000
ZT-S007F(CD-53F)	883-S007F	007	2.50	16.5	MAX160000
ZT-009EF(FO-40EF)	883-009EF	009	4.50	24.0	MAX160000
ZT-L13C	883-011C	011	4.50	24.0	MAX160000
ZT-14	888-012	012	8.00	22.0	MAX300000

ZX Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZX-11F	889-008F	008	3.00	19.0	MAX160000
ZX-13F	889-009F	009	3.50	19.0	MAX160000
ZX-12F	889-010F	010	4.00	19.0	MAX160000
ZX-13	889-009	009	3.50	19.0	MAX160000
ZX-12	889-010	010	4.00	19.0	MAX160000
ZX-13C	889-009C	009	3.50	19.0	MAX160000
ZX-12C	889-010C	010	4.00	19.0	MAX160000
ZX-11EF	889-008EF	008	3.00	19.0	MAX160000
ZX-13EF	889-009EF	009	6.00	19.0	MAX160000
ZX-12EF	889-010EF	010	4.00	19.0	MAX160000
ZX-L12C	889-L010C	010	4.00	21.0	MAX160000

FO Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-33EF	860-012EF	012	5.00	19.0	MAX300000
FO-33F	860-012F	012	5.00	19.0	MAX300000
FO-30	860-010	010	4.00	19.0	MAX160000
FO-33	860-012	012	5.00	19.0	MAX300000
FO-34	860-014	014	5.00	19.0	MAX300000
FO-36	860-016	016	5.00	19.0	MAX300000
FO-30C	860-010C	010	4.00	19.0	MAX160000
FO-33C	860-012C	012	5.00	19.0	MAX300000
FO-34C	860-014C	014	5.00	19.0	MAX300000

FO Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-20UF	862-012UF	012	8.00	22.0	MAX300000
FO-19EF	862-010EF	010	8.00	22.0	MAX160000
FO-L20EF	862-L012EF	012	8.00	22.0	MAX300000
FO-22EF	862-016EF	016	8.00	22.0	MAX300000
FO-19F	862-010F	010	8.00	22.0	MAX160000
FOL-20F	862-012F	012	8.00	22.0	MAX300000
FO-21F	862-014F	014	8.00	22.0	MAX300000
FOL-22F	862-016F	016	8.00	22.0	MAX300000
FO-19	862-010	010	8.00	22.0	MAX160000
FO-20	862-012	012	8.00	22.0	MAX300000

FO Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-21	862-014	014	8.00	21.0	MAX300000
FO-22	862-016	016	8.00	22.0	MAX300000
FO-20C	862-012C	012	8.00	22.0	MAX300000
FO-21C	862-014C	014	8.00	22.0	MAX300000
FO-22C	862-016C	016	8.00	22.0	MAX300000
FO-20VC	862-012VC	012	8.00	22.0	MAX300000
FO-20EF	862-012EF	012	8.00	21.0	MAX300000
FO-20F	862 S-012F	012	7.00	21.0	MAX300000
FO-22F	862 S-016F	016	7.00	21.0	MAX300000
FO-11UF	863-012UF	012	10.00	24.0	MAX300000

FO Straight Cone

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-10EF	863-010EF	010	10.00	24.0	MAX160000
FO-11EF	863-012EF	012	10.00	24.0	MAX300000
FO-12EF	863-016EF	016	10.00	24.0	MAX300000
FO-10F	863-010F	010	10.00	24.0	MAX160000
FO-11F	863-012F	012	10.00	24.0	MAX300000
FO-14F	863-014F	014	10.00	24.0	MAX300000
FO-12F	863-016F	016	10.00	24.0	MAX300000
FO-11	863-012	012	10.00	24.0	MAX300000
FO-12	863-016	016	10.00	24.0	MAX300000
FO-11C	863-012C	012	10.00	24.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

FO Straight Cone					
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-14C	863-014C	014	10.00	24.0	MAX300000
FO-12C	863-016C	016	10.00	24.0	MAX300000
FO-12VC	863-016VC	016	10.00	24.0	MAX300000
FO-24F	864-014F	014	12.00	24.0	MAX160000
FO-24	864-014	014	12.00	24.0	MAX160000

TC Tapper Cone										
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed					
TC-20F	858-014F	014	8.00	22.0	MAX300000					
TC-22	858-010	010	8.00	22.0	MAX300000					
TC-20	858-012	012	8.00	22.0	MAX300000					
TC-21	858-014	014	8.00	22.0	MAX300000					
TC-23	858-016	016	8.00	22.0	MAX300000					
TC-21C	858-014C	014	8.00	22.0	MAX300000					
TC-S22	858-S010	010	8.00	19.5	MAX300000					
TC-S20	858-S012	012	8.00	19.5	MAX300000					
TC-S21	858-S014	014	8.00	19.5	MAX300000					
TC-S21F	858-S014F	014	8.00	19.5	MAX300000					

TC Tapper Cone										
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed					
TC-25UF	852-014UF	014	6.00	21.0	MAX300000					
TC-25EF	852-014EF	014	6.00	21.0	MAX300000					
TC-26F	852-012F	012	6.00	21.0	MAX300000					
TC-25F	852-014F	014	6.00	21.0	MAX300000					
TC-26	852-012	012	6.00	21.0	MAX300000					
TC-28	852-037	037	7.00	21.0	MAX300000					
TC-26C	852-012C	012	6.00	21.0	MAX300000					
TC-29UF	955-008UF	008	3.00	19.0	MAX300000					
TC-29EF	955-008EF	008	3.00	19.0	MAX300000					
TC-29F	955-008F	008	3.00	19.0	MAX300000					

TC Tapper Cone										
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed					
TC-SS21	858-SS014	014	8.00	18.5	MAX300000					
TC-SS21F	858-SS012F	014	8.00	18.5	MAX300000					
TC-12UF	859-014UF	014	9.00	24.0	MAX300000					
TC-13EF	859-010EF	010	11.00	24.0	MAX300000					
TC-10EF	859-012EF	012	10.00	24.0	MAX300000					
TC-11EF	859-016EF	016	10.00	24.0	MAX300000					
TC-12EF	859-014EF	014	10.00	24.0	MAX300000					
TC-15EF	859-018EF	018	10.00	24.0	MAX300000					
TC-13F	859-010F	010	11.00	24.0	MAX300000					
TC-10F	859-012F	012	10.00	24.0	MAX300000					








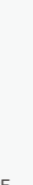
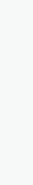

TC Tapper Cone										
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed					
TC-30UF	956-010UF	010	4.00	19.0	MAX300000					
TC-30EF	956-010EF	010	4.00	19.0	MAX300000					
TC-30F	956-010F	010	4.00	19.0	MAX300000					
TC-21UF	858-014UF	014	8.00	22.0	MAX300000					
TC-22EF	858-010EF	010	8.00	22.0	MAX300000					
TC-20EF	858-012EF	012	8.00	22.0	MAX300000					
TC-21EF	858-014EF	014	8.00	22.0	MAX300000					
TC-23EF	858-016EF	016	8.00	22.0	MAX300000					
TC-22F	858-010F	010	8.00	22.0	MAX300000					
TC-21F	858-012F	014	8.00	22.0	MAX300000					

TC Tapper Cone										
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed					
TC-11F	859-016F	016	10.00	22.0	MAX300000					
TC-12F	859-014F	014	10.00	24.0	MAX300000					
TC-15F	859-018F	018	10.00	24.0	MAX300000					
TC-13	859-010	010	11.00	24.0	MAX300000					
TC-10	859-012	012	10.00	24.0	MAX300000					
TC-16	859-018	018	10.00	24.0	MAX300000					
TC-12	859-014	014	9.00	24.0	MAX300000					
TC-11	859-016	016	10.00	22.0	MAX300000					
TC-33	859-023	023	9.00	24.0	MAX300000					
TC-11C	859-016C	016	10.00	24.0	MAX300000					

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ








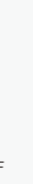
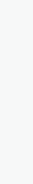

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TC
Tapper Cone




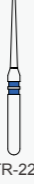


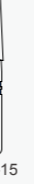
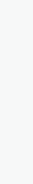
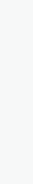

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TC-15C	859-018C	018	10.00	24.0	MAX300000
TC-S11	859-S016	016	10.00	21.5	MAX300000
TC-S11C	859-S016C	016	10.00	21.5	MAX300000
TC-S11F	859-S016F	016	10.00	21.5	MAX300000
TC-S11EF	859-S016EF	016	10.00	21.5	MAX300000
TC-S12	859-S014	014	9.00	21.5	MAX300000
TC-S12C	859-S014C	014	9.00	21.5	MAX300000
TC-S12F	859-S014F	014	9.00	21.5	MAX300000
TC-S12EF	859-S014EF	014	9.00	21.5	MAX300000
TC-11VC	859-018VC	016	10.00	24.0	MAX300000

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-25EF	850-012EF	016	10.00	21.5	MAX300000
TR-11EF	850-014F	014	10.00	21.5	MAX300000
TR-12EF(CE-16EF)	850-016EF	016	9.00	21.5	MAX300000
TR-13EF	850S-018EF	018	9.00	21.5	MAX300000
TR-25F	850-016F	016	10.00	21.5	MAX300000
TR-11F	850-014F	014	10.00	21.5	MAX300000
TR-12F	850-016F	016	10.00	21.5	MAX300000
TR-13F	850-018F	018	9.00	21.5	MAX300000
TR-S13F(CE-16F)	850-S016F	016	9.00	21.5	MAX300000
TR-11	850-017	014	10.00	21.5	MAX300000




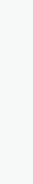
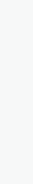
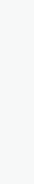
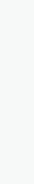



TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-12(TR-25)	850-016	016	10.00	21.5	MAX300000
TR-13	850-018	018	9.00	21.5	MAX300000
TR-10	850-010	010	10.00	21.5	MAX300000
TR-22	850-012	012	10.00	21.5	MAX300000
TR-17	850-020	020	10.00	24.0	MAX300000
TR-14	850-022	022	9.00	21.5	MAX300000
TR-15	850L-022	022	11.50	24.0	MAX300000
TR-16	850-023	023	10.00	24.0	MAX300000
TR-19	850-024	024	11.50	24.0	MAX300000
TR-10C	850-010C	010	10.00	24.0	MAX300000




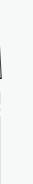
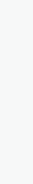
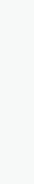
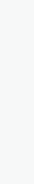



Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TR
Tapper Round




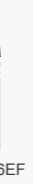
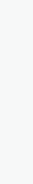
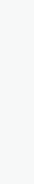
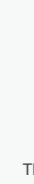



Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-22C	850-012C	012	10.00	24.0	MAX300000
TR-11C	850-014C	014	10.00	24.0	MAX300000
TR-12C	850-016C	016	10.00	24.0	MAX300000
TR-13C	850-018C	018	10.00	24.0	MAX300000
TR-S13C	850-S018C	018	10.00	21.5	MAX300000
TR-19C	850-023C	023	10.00	24.0	MAX300000
TR-L12	850-L016	016	10.00	26.0	MAX300000
TR-L13	850-L018	018	10.00	26.0	MAX300000
TR-L19	850-L023	023	10.00	26.0	MAX300000
TR-LL13	850-LL018	018	10.00	28.0	MAX300000

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-L12C	850-L016C	016	10.00	26.0	MAX300000
TR-L13C	850-L018C	018	10.00	26.0	MAX300000
TR-LL13C	850-LL018C	018	10.00	28.0	MAX300000
TR-L19C	850-L023C	023	10.00	26.0	MAX300000
TR-12VC	850-016VC	016	10.00	24.0	MAX300000
TR-13VC	850-018VC	018	9.00	21.5	MAX300000
TR-LL13VC	850-LL018VC	018	10.00	32.0	MAX300000
TR-S13	850-S018	018	9.00	20.0	MAX300000
TR-S14	850-S022	022	9.00	20.0	MAX300000
TR-S14EF	850-S022EF	020	9.00	21.5	MAX300000





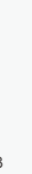
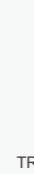


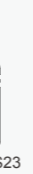

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-41F	868-014F	014	8.00	22.0	MAX300000
TR-26F	868-018F	018	8.50	21.5	MAX300000
TR-43F	868-L018F	018	9.00	24.0	MAX300000
TR-26EF	868-018EF	018	8.50	21.5	MAX300000
TR-41	868-014	014	8.00	22.0	MAX300000
TR-42	868-016	016	8.00	22.0	MAX300000
TR-26	868-018	018	8.50	21.5	MAX300000
TR-07EF	957-007EF	007	3.00	19.0	MAX300000
TR-09EF	957-009EF	009	3.00	19.0	MAX300000
TR-07F	957-007F	007	3.00	19.0	MAX300000





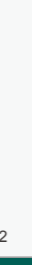
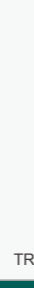


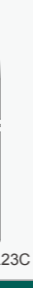

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TR
Tapper Round





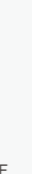
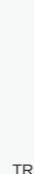




Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-09F	957-009F	009	3.00	19.0	MAX300000
TR-18	849-010	010	4.00	19.0	MAX300000
TR-30	849-012	012	4.00	19.0	MAX300000
TR-23	849-016	016	4.00	19.0	MAX300000
TR-08(RS-31)	849-018	018	4.50	19.0	MAX300000
TR-30C	849-012C	012	4.00	19.0	MAX300000
TR-23C	849-016C	016	4.00	19.0	MAX300000
TR-S22	849-S018	018	5.50	16.5	MAX300000
TR-S23	849-S016	016	5.00	16.5	MAX300000
TR-S31	849-S014	014	4.50	16.5	MAX300000

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-S18	849-S010	010	4.00	16.5	MAX300000
TR-32F(CR-12F)	849-014F	014	4.00	19.0	MAX300000
TR-31EF(CR-12EF)	849-014EF	014	4.00	19.0	MAX300000
TR-L22	849-L018	018	5.50	28.0	MAX300000
TR-L23	849-L016	016	5.00	28.0	MAX300000
TR-LL22	849-LL018	018	5.50	32.0	MAX300000
TR-LL23	849-LL016	016	5.00	32.0	MAX300000
TR-LL22C	849-LL018C	018	5.50	32.0	MAX300000
TR-LL23C	849-LL016C	016	5.00	32.0	MAX300000
TR-LL22VC	849-LL018VC	018	5.50	32.0	MAX300000




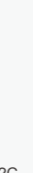
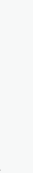
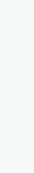
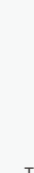



TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-LL23VC	849-LL016VC	016	5.00	32.0	MAX300000
TR-20F(CR-21F)	855-012F	012	7.00	21.0	MAX300000
TR-21F	855-016F	016	7.00	21.0	MAX300000
TR-24F(CR-11F)	855-020F	020	5.00	19.0	MAX300000
TR-28F	855-025F	025	7.00	21.0	MAX300000
TR-21EF	855-016EF	016	7.00	21.0	MAX300000
TR-24EF(CR-11EF)	855-019EF	020	5.00	19.0	MAX300000
TR-27	855-012	012	6.00	21.0	MAX300000
TR-20	855-014	014	7.00	21.0	MAX300000
TR-21	855-016	016	7.00	21.0	MAX300000




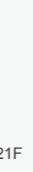
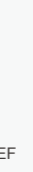
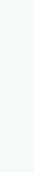
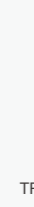



Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TR
Tapper Round




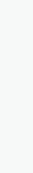
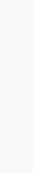
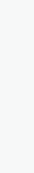
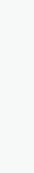

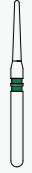

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-24(RS-21)	855-018	018	7.00	21.0	MAX300000
TR-28	855-025	025	7.00	21.0	MAX300000
TR-27C	855-012C	012	6.00	21.0	MAX300000
TR-62C	855-018C	018	7.00	20.0	MAX300000
TR-28C	855-025C	025	7.00	21.0	MAX300000
TR-28VC	855-025VC	025	7.00	21.0	MAX300000
TR-21VC	855-016VC	016	7.00	21.0	MAX300000
TR-S21	855-S016	016	7.00	19.0	MAX300000
TR-S21C	855-S016C	016	7.00	19.0	MAX300000
TR-S21VC	855-S016VC	016	7.00	19.0	MAX300000

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-SS21	855-SS016	016	7.00	18.0	MAX300000
TR-SS21C	855-SS016C	016	7.00	18.0	MAX300000
TR-SS22(EX-SS14)	855-SS015	015	6.00	16.5	MAX300000
TR-S21F(CD-59F)	855-S013F	013	6.50	16.5	MAX300000
TR-SS30EF(EX-SS14EF)	855-SS015EF	015	6.00	16.5	MAX300000
TR-SS20(EX-SS13)	855-SS014	014	6.00	16.5	MAX300000
TR-S35C	856-S016C	016	8.00	22.0	MAX300000
TR-33EF	856-012EF	012	8.00	22.0	MAX300000
TR-35EF	856-016EF	016	8.00	22.0	MAX300000
TR-33F(CR-22F)	856-012F	012	8.00	22.0	MAX300000

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-34F	856-014F	014	8.00	22.0	MAX300000
TR-35F	856-016F	016	8.00	22.0	MAX300000
TR-36F	856-018F	018	8.00	22.0	MAX300000
TR-37F	856-021F	021	8.00	22.0	MAX300000
TR-33	856-012	012	8.00	22.0	MAX300000
TR-34	856-014	014	8.00	22.0	MAX300000
TR-35	856-016	016	8.00	22.0	MAX300000
TR-36	856-018	018	8.00	22.0	MAX300000
TR-33C	856-012C	012	8.00	22.0	MAX300000
TR-34C	856-014C	014	8.00	22.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-35C	856-016C	016	8.00	22.0	MAX300000
TR-36C	856-018C	018	8.00	22.0	MAX300000
TR-37C	856-021C	021	8.00	22.0	MAX300000
TR-34VC	856-014VC	014	8.00	22.0	MAX300000
TR-35VC	856-016VC	016	8.00	22.0	MAX300000
TR-36VC	856-018VC	018	8.00	22.0	MAX300000
TR-40	856-010	010	8.00	22.0	MAX300000
TR-40C	856-010C	010	8.00	22.0	MAX300000
TR-38	856-025	025	8.00	22.0	MAX300000
TR-38C	856-025C	025	8.00	22.0	MAX300000

TR
Tapper Round

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TR-L37F	856-L021F	021	12.00	24.0	MAX300000
TR-04C	844-014C	014	10.00/1.5	24.0	MAX300000
TR-06C	844-016C	016	10.00/1.5	24.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TFR-31EF	845KR-016EF	016	4.00	19.0	MAX300000
TFR-30EF	845KR-018EF	018	4.00	19.0	MAX300000
TFR-33EF	845KR-025EF	025	4.00	19.0	MAX160000
TFR-31F	845KR-016F	016	4.00	19.0	MAX300000
TFR-30F	845KR-018F	018	4.00	19.0	MAX300000
TFR-32F	845KR-021F	021	4.00	19.0	MAX300000
TFR-33F	845KR-025F	025	4.00	19.0	MAX160000
TFR-31	845KR-016	016	4.00	19.0	MAX300000
TFR-30(RS-31)	845KR-018	018	4.50	19.0	MAX300000
TFR-32	845KR-021	021	4.00	19.0	MAX300000
TFR-33	845KR-025	025	4.00	19.0	MAX160000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TFR-59F(CE-13F)	845KR-020F	020	5.50	19.0	MAX300000
TFR-25EF	846KR-016EF	016	6.00	21.0	MAX300000
TFR-25F	846KR-016F	016	6.00	21.0	MAX300000
TFR-26F	846KR-018F	018	6.00	21.0	MAX300000
TFR-25	846KR-016	016	6.00	21.0	MAX300000
TFR-26	846KR-018	018	6.00	21.0	MAX300000
TFR-S15F(CE-12F)	846KR-S021F	021	9.00	21.5	MAX300000
TFR-50EF	847KR-016EF	016	8.00	22.0	MAX300000
TFR-53EF	847KR-023EF	023	8.00	22.0	MAX160000
TFR-50F	847KR-014F	014	8.00	22.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TFR-51F	847KR-016F	016	8.00	22.0	MAX300000
TFR-52F	847KR-018F	018	8.00	22.0	MAX300000
TFR-53F	847KR-023F	023	8.00	22.0	MAX160000
TFR-50	847KR-014	014	8.00	22.0	MAX300000
TFR-51	847KR-016	016	8.00	22.0	MAX300000
TFR-53	847KR-023	023	8.00	22.0	MAX160000
TFR-51C	847KR-016C	016	8.00	22.0	MAX300000
TFR-52C	847KR-018C	018	8.00	22.0	MAX300000
TFR-53C	847KR-023C	023	8.00	22.0	MAX160000
TFR-52EF	847KR-018EF	018	8.00	22.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TFR-52(RS-21)	847KR-018	018	7.00	21.0	MAX300000
TFR-12F	848KR-016F	016	10.00	24.0	MAX300000
TFR-13F	848KR-018F	018	10.00	24.0	MAX300000
TFR-12	848KR-016	016	10.00	24.0	MAX300000
TFR-14	848KR-018	018	10.00	24.0	MAX300000
TFR-15(RS-11)	848KR-019	019	10.00	24.0	MAX300000
TFR-61F	951KR-017F	017	8.00	22.0	MAX300000
TFR-62F	951KR-020F	020	8.00	22.0	MAX300000
TFR-63F	951KR-024F	024	8.00	22.0	MAX160000
TFR-60	951KR-016	016	8.00	22.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TFR-64	951KR-019	019	8.00	22.0	MAX300000
TFR-65	951KR-023	023	8.00	22.0	MAX160000
TFR-23EF	959KR-018EF	018	5.50	19.0	MAX300000
TFR-66F(CE-17F)	959KR-011F	011	8.00	22.0	MAX300000
TFR-23F	959KR-018F	018	5.50	19.0	MAX300000
TFR-23	959KR-018	018	5.50	19.0	MAX300000
TF-19	845-009	009	3.00	19.0	MAX300000
TF-41	845-010	011	4.00	19.0	MAX300000
TF-42	845-012	012	4.00	19.0	MAX300000
TF-43	845-014	014	4.00	19.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-31	845-016	016	4.00	19.0	MAX300000
TF-42C	845-012C	012	4.00	19.0	MAX300000
TF-43C	845-014C	014	4.00	19.0	MAX300000
TF-23	845-018	018	5.00	20.0	MAX300000
TF-22	845-021	021	5.50	19.0	MAX300000
TF-22C	845-021C	021	5.50	19.0	MAX300000
TF-22F	845-021F	021	5.50	19.0	MAX300000
TF-23EF(CE-13EF)	845-018EF	020	5.50	19.0	MAX300000
TF-22EF	845-021EF	021	5.50	19.0	MAX300000
TF-22VC	845-021VC	021	5.50	19.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-31VC	845-016VC	016	4.00	19.0	MAX300000
TF-S31	845-S016	016	4.50	16.5	MAX300000
TF-S41	845-S011	011	4.00	16.5	MAX300000
TF-SS31(EX-SS33)	845-SS016	016	4.00	14.5	MAX300000
TF-S22	845-S021	021	5.50	16.5	MAX300000
TF-S23	845-S018	018	5.00	16.5	MAX300000
TF-SS31EF(EX-SS33EF)	845-SS016EF	016	4.00	14.5	MAX300000
TF-25F	846-016F	016	6.00	21.0	MAX300000
TF-24	846-012	012	6.00	21.0	MAX300000
TF-25	846-016	016	6.00	21.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-30	846-025	025	7.00	21.0	MAX160000
TF-24C	846-012C	012	6.00	21.0	MAX300000
TF-25C	846-016C	016	6.00	21.0	MAX300000
TF-18F	847-012F	012	8.00	22.0	MAX300000
TF-50F	847-014F	014	8.00	22.0	MAX300000
TF-51F	847-016F	016	8.00	22.0	MAX300000
TF-18	847-012	012	8.00	22.0	MAX300000
TF-50	847-014	014	8.00	22.0	MAX300000
TF-51	847-016	016	8.00	22.0	MAX300000
TF-18C	847-012C	012	8.00	22.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-50C	847-014C	014	8.00	22.0	MAX300000
TF-51C	847-016C	016	8.00	22.0	MAX300000
TF-51VC	847-016VC	016	8.00	22.0	MAX300000
TF-18EF	847-018	018	8.00	22.0	MAX300000
TF-S50	847-023	023	8.00	22.0	MAX160000
TF-49EF	847-012EF	012	8.00	22.0	MAX300000
TF-52EF	847-014EF	014	8.00	22.0	MAX300000
TF-S52	847-S014	014	8.00	19.0	MAX300000
TF-S52C	847-S014EF	014	8.00	19.0	MAX300000
TF-S53F	847-S014F	014	8.00	19.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-12F	848-S016F	016	10.00	21.5	MAX300000
TF-11F	848-016F	016	10.00	24.0	MAX300000
TF-13F	848-018F	018	10.00	24.0	MAX300000
TF-12EF	848-S016EF	016	10.00	21.5	MAX300000
TF-11EF	848-016EF	016	10.00	24.0	MAX300000
TF-13EF	848-018EF	018	10.00	24.0	MAX300000
TF-11	848-014	014	10.00	24.0	MAX300000
TF-12	848-016	016	10.00	21.5	MAX300000
TF-13	848-018	018	10.00	24.0	MAX300000
TF-14	848-023	023	9.00	21.5	MAX160000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TFL-12	848-016	016	10.00	24.0	MAX300000
TFL-13	848-018	018	10.00	24.0	MAX300000
TFL-14	848-023	023	9.00	24.0	MAX160000
TF-12C	848-016C	016	10.00	24.0	MAX300000
TF-13C	848-018C	018	10.00	24.0	MAX300000
TF-14C	848-023C	023	9.00	24.0	MAX160000
TF-15C	848-031C	031	9.00	24.0	MAX140000
TF-12VC	848-016VC	016	10.00	21.5	MAX300000
TF-S12VC	848-S016VC	016	10.00	22.0	MAX300000
TF-10	848-012	012	10.00	24.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-10C	848-012C	012	10.00	24.0	MAX300000
TF-09	848-010	010	10.00	24.0	MAX300000
TF-09C	848-010C	010	10.00	24.0	MAX300000
TF-44	848-021	021	10.00	24.0	MAX300000
TF-44C	848-021C	021	10.00	24.0	MAX300000
TF-S12	848-S016	016	10.00	20.0	MAX300000
TF-L12	848-L016	016	10.00	26.0	MAX300000
TF-L12C	848-L016C	016	10.00	26.0	MAX300000
TF-L12VC	848-L016VC	016	10.00	26.0	MAX300000
TF-L14	848-L023	023	9.00	26.0	MAX160000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-L14C	848-L023C	023	9.00	26.0	MAX160000
TF-LL14	848-LL023	023	9.00	28.0	MAX160000
TF-LL14C	848-LL023C	023	9.00	28.0	MAX160000
TF-L25C	848L-L016C	016	6.00	28.0	MAX300000
TF-LL25C	848L-LL016C	016	6.00	32.0	MAX300000
TF-L23C	848L-L018C	018	5.00	28.0	MAX300000
TF-LL23C	848L-LL018C	018	5.00	32.0	MAX300000
TFL-LL14	848L-LL023	023	9.00	32.0	MAX160000
TF-S11	848-S014	014	10.00	22.0	MAX300000
TF-20	853-014	014	7.00	21.0	MAX300000

TF
Tapper Flat

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TF-21	853-016	016	7.00	21.0	MAX300000
TF-21F	853-014F	016	7.00	21.0	MAX300000
TF-21EF	853-014EF	016	7.00	21.0	MAX300000
TF-28EF	853-018EF	018	7.00	21.0	MAX300000
TF-S20	853-S014	014	7.00	19.0	MAX300000
TF-S21	853-S016	016	7.00	19.0	MAX300000

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TT-19F	876-009F	009	5.00	19.0	MAX160000
TT-19	876-009	009	5.00	19.0	MAX160000
TT-S12F	877-S012F	012	6.00	20.0	MAX300000
TT-S12C	877-S012C	012	6.00	20.0	MAX300000
TT-13F	877-009F	009	6.00	20.0	MAX160000
TT-10F	877-010F	010	6.00	20.0	MAX160000
TT-12F	847-012F	012	6.00	20.0	MAX300000
TT-14F	877-014F	014	6.00	20.0	MAX300000
TT-16F	877-016F	016	6.00	20.0	MAX300000
TT-13	877-009	009	6.00	20.0	MAX160000

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TT-10	877-010	010	6.00	20.0	MAX160000
TT-12	877-012	012	6.00	20.0	MAX300000
TT-10C	877-010C	010	6.00	20.0	MAX160000
TT-12C	877-012C	012	6.00	20.0	MAX300000
TT-S12(SO-S20)	877-S012	012	6.00	18.5	MAX300000
TT-S22F	878-S012F	012	8.00	19.0	MAX300000
TT-S22	878-S012	012	8.00	19.0	MAX300000
TT-S24(FO-S21)	878-S014	014	8.00	18.0	MAX300000
TT-S24C	878-S014C	014	8.00	19.0	MAX300000
TT-20EF(FO-42EF)	878-010EF	010	7.50	22.0	MAX160000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

Diamond Sand Fineness ● (C) Coarse/125-150μ ● Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TT-22EF(FO-21EF)	878-012EF	014	8.00	21.0	MAX300000
TT-24EF(FO-22EF)	878-014EF	016	8.00	21.0	MAX300000
TT-SS22F(FO-SS21F)	878-SS012F	014	8.00	18.0	MAX300000
TT-20F	878-010F	010	8.00	22.0	MAX160000
TT-22F	878-012F	012	8.00	22.0	MAX300000
TT-24F(FO-21F)	878-014F	014	8.00	22.0	MAX300000
TT-26F(FO-22F)	878-016F	016	8.00	22.0	MAX300000
TT-20	878-010	010	8.00	22.0	MAX160000
TT-22	878-012	012	8.00	22.0	MAX300000
TT-24(FO-21)	878-014	014	8.00	22.0	MAX300000

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TT-26(FO-22)	878-016	016	8.00	21.0	MAX300000
TT-20C	878-010C	010	8.00	22.0	MAX160000
TT-22C	878-012C	012	8.00	22.0	MAX300000
TT-24C	878-014C	014	8.00	22.0	MAX300000
TT-26C	878-016C	016	8.00	22.0	MAX300000
TT-24VC	878-014VC	014	8.00	22.0	MAX300000
TT-32EF	879-012EF	012	10.00	24.0	MAX300000
TT-34EF	879-014EF	014	10.00	24.0	MAX300000
TT-30F	879-010F	010	10.00	24.0	MAX160000
TT-32F	879-012F	012	10.00	24.0	MAX300000

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TT-34F	879-014F	014	10.00	24.0	MAX300000
TT-36F	879-016F	016	10.00	24.0	MAX300000
TT-30	879-010	010	10.00	24.0	MAX160000
TT-32	879-012	012	10.00	24.0	MAX300000
TT-34(FO-11)	879-014	014	10.00	24.0	MAX300000
TT-32C	879-012C	012	10.00	24.0	MAX300000
TT-34C	879-014C	014	10.00	24.0	MAX300000
TT-36C	879-016C	016	10.00	24.0	MAX300000
TT-L34F	879-L014F	014	12.00	26.0	MAX160000
TT-L34	879-L014	014	12.00	26.0	MAX160000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TTK-20C	876K-012F	012	5.00	19.0	MAX300000
TTK-20VC	876K-012C	012	5.00	19.0	MAX300000
TTK-S06F(CD-54F)	876K-S006F	006	2.00	16.5	MAX160000
TTK-S17F(CD-56F)	876K-S007F	007	2.00	16.5	MAX160000
TTK-14F	877K-014F	014	6.00	20.0	MAX300000
TTK-SS12EF(EX-SS13EF)	877K-SS012EF	014	6.00	16.5	MAX300000
TTK-12	877K-012	012	6.00	20.0	MAX300000
TTK-14	877K-014	014	6.00	20.0	MAX300000
TTK-16	877K-016	016	6.00	20.0	MAX300000
TTK-12C	877K-012C	012	6.00	20.0	MAX300000

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TTK-14C	877K-014C	014	6.00	20.0	MAX300000
TTK-16C	877K-016C	016	6.00	20.0	MAX300000
TTK-18C	877K-018C	018	6.00	20.0	MAX300000
TTK-11C	877K-021C	021	6.00	20.0	MAX300000
TTK-16VC	877K-016VC	016	6.00	20.0	MAX300000
TTK-S12	877K-S012	012	6.00	18.5	MAX300000
TTK-SS14	877K-SS014	014	6.00	16.5	MAX300000
TTK-22F	878K-012F	012	8.00	22.0	MAX300000
TTK-24F	878K-014F	014	8.00	22.0	MAX300000
TTK-26F	878K-016F	016	8.00	22.0	MAX300000

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TTK-28F	878K-018F	018	8.00	22.0	MAX300000
TTK-21F	878K-021F	021	8.00	22.0	MAX300000
TTK-22	878K-012	012	8.00	22.0	MAX300000
TTK-24	878K-014	014	8.00	22.0	MAX300000
TTK-26	878K-016	016	8.00	22.0	MAX300000
TTK-28	878K-018	018	8.00	22.0	MAX300000
TTK-21	878K-021	021	8.00	22.0	MAX300000
TTK-22C	878K-012C	012	8.00	22.0	MAX300000
TTK-24C	878K-014C	014	8.00	22.0	MAX300000
TTK-26C	878K-016C	016	8.00	22.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TTK-28C	878K-018C	018	8.00	22.0	MAX300000
TTK-21C	878K-021C	021	8.00	22.0	MAX300000
TTK-23C	878K-023C	023	8.00	22.0	MAX300000
TTK-26VC	878K-016VC	016	8.00	22.0	MAX300000
TTK-28VC	878K-018VC	018	8.00	22.0	MAX300000
TTK-32F	879K-012F	012	10.00	24.0	MAX300000
TTK-34F	879K-014F	014	10.00	24.0	MAX300000
TTK-36F	879K-016F	016	10.00	24.0	MAX300000
TTK-38F	879K-018F	018	10.00	24.0	MAX300000
TTK-31F	879K-021F	021	10.00	24.0	MAX300000

TT
Torpedo Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TTK-32	879K-012	012	10.00	24.0	MAX300000
TTK-34	879K-014	014	10.00	24.0	MAX300000
TTK-36	879K-016	016	10.00	24.0	MAX300000
TTK-38	879K-018	018	10.00	24.0	MAX300000
TTK-32C	879K-012C	012	10.00	24.0	MAX300000
TTK-34C	879K-014C	014	10.00	24.0	MAX300000
TTK-36C	879K-016C	016	10.00	24.0	MAX300000
TTK-38C	879K-018C	018	10.00	24.0	MAX300000
TTK-31C	879K-021C	021	10.00	24.0	MAX300000
TTK-33C	879K-023C	023	10.00	24.0	MAX300000
TTK-36VC	879K-016VC	016	10.00	24.0	MAX300000
TTK-38VC	879K-018VC	018	10.00	24.0	MAX300000

FO
Bud Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-06UF	368-016UF	016	3.00	19.0	MAX300000
FO-13UF	368-023UF	023	5.00	19.0	MAX300000
FO-30EF	368-014EF	014	3.00	19.0	MAX300000
FO-06EF	368-016EF	016	3.00	19.0	MAX300000
FO-26EF	368-021EF	021	4.50	19.0	MAX300000
FO-13EF	368-023EF	023	5.00	19.0	MAX300000
FOS-13EF(EX-37EF)	368S-023EF	023	2.00	19.0	MAX300000
FO-16EF(CE-15EF)	368-026EF	026	5.00	19.0	MAX300000

FO
Bud Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-32EF	368-018EF	018	4.00	19.0	MAX300000
FO-30F	368-016F	014	3.00	19.0	MAX300000
FO-26F	368-021F	021	4.50	19.0	MAX300000
FO-13F	368-023F	023	5.00	19.0	MAX300000
FO-16F(CE-15F)	368-026F	026	5.00	19.0	MAX300000
FO-06	368-016	016	3.00	19.0	MAX300000
FO-32	368-018	018	4.00	19.0	MAX300000
FO-26	368-021	021	4.50	19.0	MAX300000
FO-13	368-023	023	5.00	19.0	MAX300000
FO-25	368-028	028	5.00	19.0	MAX300000

FO
Bud Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
FO-27	368-032	032	5.00	19.0	MAX300000
FO-06C	368-016C	016	3.00	19.0	MAX300000
FO-32C	368-018C	018	4.00	19.0	MAX300000
FO-13C	368-023C	023	5.00	19.0	MAX300000
FO-13VC	368-023VC	023	5.00	19.0	MAX300000
FO-27VC	368-032VC	032	5.00	19.0	MAX300000
FOL-06F	368L-016F	016	4.50	21.0	MAX300000
FOL-13F	368-L023F	023	5.00	21.0	MAX300000
FOL-06EF	368L-016EF	016	4.50	21.0	MAX300000
FOL-13EF	368-L023EF	023	5.00	21.0	MAX300000

YR
Bud Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
YR-11	369-025	025	5.50	19.0	MAX300000
YR-11C	369-025C	025	5.50	19.0	MAX300000
YR-12	369-023	023	5.50	19.0	MAX300000
YR-12C	369-023C	023	5.50	19.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

JD
Egg Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
JD-30UF	379-016UF	016	3.40	19.0	MAX300000
JD-33UF	379-023UF	023	4.20	19.0	MAX300000
JD-29EF	379-012EF	012	2.80	19.0	MAX300000
JD-30EF	379-016EF	016	3.00	19.0	MAX300000
JD-18EF	379-018EF	018	3.40	19.0	MAX300000
JD-21EF	379-021EF	021	4.20	19.0	MAX300000
JD-33EF	379-023EF	023	4.20	19.0	MAX300000
JD-29F	379-012F	012	2.80	19.0	MAX300000
JD-14F	379-014F	014	2.80	19.0	MAX300000
JD-30F	379-016F	016	3.00	19.0	MAX300000

JD
Egg Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
JD-18F	379-018F	018	3.40	19.0	MAX300000
JD-21F	379-021F	021	4.20	19.0	MAX300000
JD-33F	379-023F	023	4.20	19.0	MAX300000
JD-S09F(CD-55F)	379-S009F	008	1.20	16.5	MAX300000
JD-29	379-012	012	2.80	19.0	MAX300000
JD-14	379-014	014	2.80	19.0	MAX300000
JD-30	379-016	016	3.40	19.0	MAX300000
JD-18	379-018	018	3.40	19.0	MAX300000
JD-21	379-021	021	4.20	19.0	MAX300000
JD-33	379-023	023	4.50	19.0	MAX300000

JD
Egg Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
JD-21C	379-021C	021	4.20	19.0	MAX300000
JD-33C	379-023C	023	4.20	19.0	MAX300000
JD-33VC	379-023VC	023	4.20	19.0	MAX300000
JD-L33EF	379-L023EF	023	4.20	19.0	MAX300000
JD-L33F	379-L023F	023	4.20	19.0	MAX300000
JD-L33C	379-L023C	023	4.20	21.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

BS
Bullet Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BS-16UF	390-016UF	016	3.50	19.0	MAX300000
BS-16EF	390-016EF	016	3.50	19.0	MAX300000
BS-14F	390-014F	014	3.40	19.0	MAX300000
BS-16F	390-016F	016	3.50	19.0	MAX300000
BS-S16F	390-S016F	016	3.00	19.0	MAX300000
BS-16	390-016	016	3.50	19.0	MAX300000
BS-20EF	972-020EF	020	4.00	19.0	MAX300000
BS-20F	972-020F	020	4.00	19.0	MAX300000

TX
Convex Lens Shape


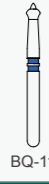

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TX-11	825-016	016	0.60	19.0	MAX300000
TX-12	825-023	023	0.90	19.0	MAX300000

DW
Depth Rod

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DW-11	834-021	021	6.00/0.5	24.0	MAX160000
DW-12	834-016	016	6.00/0.3	24.0	MAX160000
DW-13	834-026	026	6.00/0.5	19.0	MAX160000
DW-14	834-030	030	6.00/0.5	19.0	MAX160000
DW-21	868B-018	018	6.00/0.3	24.0	MAX160000
DW-22	868B-020	020	6.00/0.4	24.0	MAX160000
DW-23	868B-022	022	6.00/0.5	24.0	MAX160000
DW-24	868B-026	026	3.60/0.5	19.0	MAX160000
DW-25	868B-036	036	4.00/1.0	19.0	MAX160000


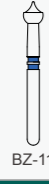
Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

BQ
Proximal Hemisphere


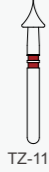
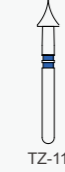



Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BQ-11	804-009	009	1.00	19.0	MAX160000
BQ-11F	804-025	025	1.50	19.0	MAX160000

BZ
A conical shape with a concave end in the proximal hemisphere


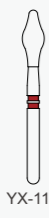
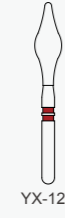

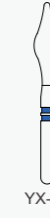
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BZ-11	833A-025	025	1.50	19.0	MAX140000

TZ
Concave Conical Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TZ-11F	833-031F	031	3.60	19.0	MAX140000
TZ-11	833-031	031	3.60	19.0	MAX140000
TZ-12EF	973-021EF	021	4.70	19.0	MAX140000
TZ-12F	973-021F	021	4.70	19.0	MAX140000
TZ-12	973-021	021	4.70	19.0	MAX140000



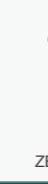
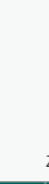
YX
Conical Hemisphere

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
YX-11F	370-030F	030	7.50	23.0	MAX100000
YX-12F	370-035F	035	10.50	23.0	MAX100000
YX-11	370-030	030	7.50	23.0	MAX100000
YX-12	370-035	035	10.50	23.0	MAX100000



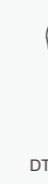
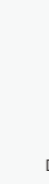
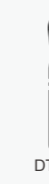
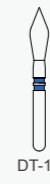
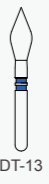
Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

ZB
Concave Conical Hemisphere



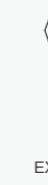
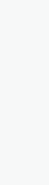
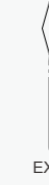

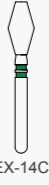

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZB-11C	369A-023C	023	5.70	19.0	MAX300000
ZB-11	369A-023	023	5.70	19.0	MAX300000
ZB-11F	369A-023F	023	5.70	19.0	MAX300000

DT
Inverted Cone Elliptical shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DT-11F	899-021F	021	6.50	19.0	MAX160000
DT-12F	899-027F	027	7.00	19.0	MAX160000
DT-13F	899-031F	031	7.00	19.0	MAX140000
DT-11	899-021	021	6.50	19.0	MAX160000
DT-12	899-027	027	7.00	19.0	MAX160000
DT-13	899-031	031	7.00	19.0	MAX140000

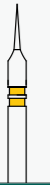
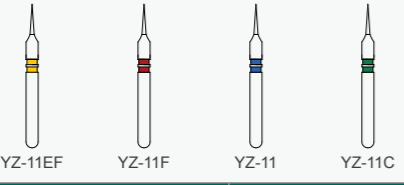
EX
Double Cone Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
EX-11	811-032	032	5.00	19.0	MAX100000
EX-13	811-033	033	5.30	19.0	MAX100000
EX-12	811-035	035	7.00	20.0	MAX100000
EX-14	811-037	037	7.00	20.0	MAX100000
EX-13C	811-033C	033	5.30	19.0	MAX100000
EX-14C	811-037C	037	7.00	20.0	MAX100000
EX-11VC	811-033VC	032	5.00	19.0	MAX100000


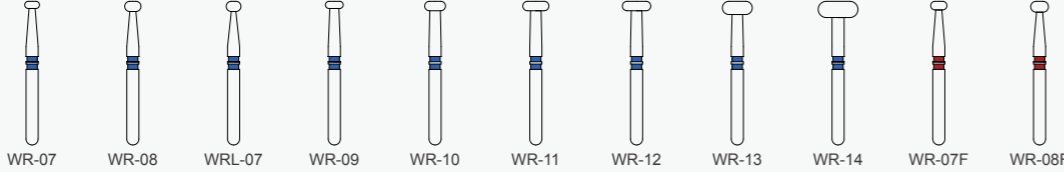
Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

YZ Tooth Shaped Drill


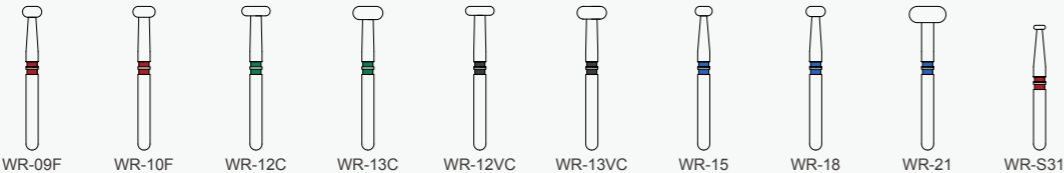
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
YZ-11EF	392-016EF	016	5.00	19.0	MAX300000
YZ-11F	392-016F	016	5.00	19.0	MAX300000
YZ-11	392-016	016	5.00	19.0	MAX300000
YZ-11C	392-016C	016	5.00	19.0	MAX300000

WR Wheel Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
WR-07	909-022	022	1.20	19.0	MAX100000
WR-08(WF-30)	909-024	024	1.50	19.0	MAX100000
WRL-07	909L-022	022	1.60	19.0	MAX100000
WR-09	909-026	026	1.20	19.0	MAX100000
WR-10	909-030	030	1.00	19.0	MAX100000
WR-11	909-037	037	1.50	19.0	MAX100000
WR-12	909-040	040	1.50	19.0	MAX100000
WR-13	909-042	042	2.00	19.0	MAX80000
WR-14	909-055	055	2.40	19.0	MAX80000
WR-07F	909-022F	022	1.20	19.0	MAX100000
WR-08F	909-024F	024	1.50	19.0	MAX100000

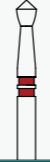
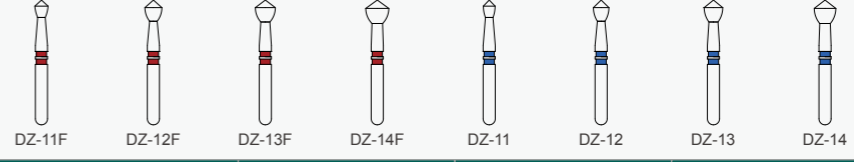
WR Wheel Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
WR-09F	909-026F	026	1.50	19.0	MAX100000
WR-10F	909-030F	030	0.60	19.0	MAX100000
WR-12C	909-040C	040	0.60	19.0	MAX100000
WR-13C	909-042C	042	0.60	19.0	MAX80000
WR-12VC	909-040VC	041	0.60	19.0	MAX80000
WR-13VC	909-044VC	042	2.00	19.0	MAX80000
WR-15	909-025	025	0.25	19.0	MAX100000
WR-18	909-028	028	0.30	19.0	MAX100000
WR-21	909-051	051	0.80	19.0	MAX80000
WR-S31F	909-S016F	016	0.60	16.5	MAX100000


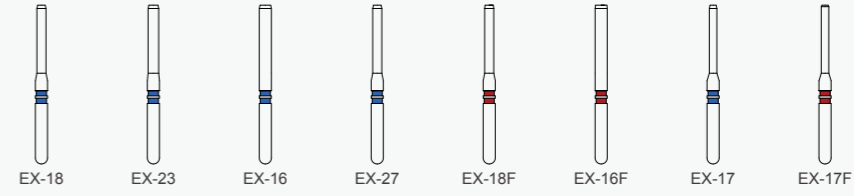
Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

DZ Inverted Conical Shape


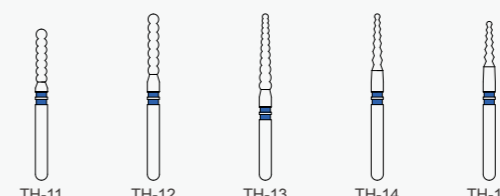
Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DZ-11F	905-S018F	015	2.30	16.5	MAX300000
DZ-12F	905-S023F	023	2.80	16.5	MAX160000
DZ-13F	905-S027F	027	2.90	16.5	MAX160000
DZ-14F	905-S031F	031	3.10	16.5	MAX140000
DZ-11	905-S018	018	2.30	16.5	MAX300000
DZ-12	905-S023	023	2.80	16.5	MAX160000
DZ-13	905-S027	027	2.90	16.5	MAX160000
DZ-14	905-S031	031	3.10	16.5	MAX140000

EX Shoulder Preparation

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
EX-18	10839-012	012	0.40	21.0	MAX300000
EX-23	10839-014	014	0.40	21.0	MAX300000
EX-16	10839-016	016	0.40	21.0	MAX300000
EX-27	10839-012	012	0.40	21.0	MAX300000
EX-18F	10839-012F	012	0.40	21.0	MAX300000
EX-16F	10839-016F	016	0.40	21.0	MAX300000
EX-17	10839-010	010	0.40	21.0	MAX300000
EX-17F	10839-010F	010	0.40	21.0	MAX300000

TH Cold Cutting Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
TH-11	601-016	016	7.00	20.0	MAX300000
TH-12	601-L016	016	8.00	22.0	MAX300000
TH-13	602-018	018	10.00	22.0	MAX300000
TH-14	602L-017	017	7.50	22.0	MAX300000
TH-15	602-017	017	6.00	21.0	MAX300000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

BX
Guided Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BX-11F	880P-018F	018	6.00/0.5	21.0	MAX160000
BX-11	880P-018	018	6.00/0.5	21.0	MAX160000
BX-12	881P-018	018	8.00/0.5	21.0	MAX160000
BX-12F	881P-018F	018	8.00/0.5	21.0	MAX160000
BX-14	880P-021	021	6.00/0.5	21.0	MAX160000
BX-14F	880P-021F	021	6.00/0.5	21.0	MAX160000
BX-13F	878P-014F	014	8.00/1.0	22.0	MAX160000
BX-13C	878P-014C	014	8.00/1.0	22.0	MAX160000
BX-13	878P-014	014	8.00/1.0	22.0	MAX160000
BX-21F	372P-023F	023	7.00/1.1	21.0	MAX160000

BX
Guided Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BX-21	372P-023	023	7.00/1.1	21.0	MAX160000
BX-L21	372P-L023	023	7.00/1.6	24.0	MAX160000
BX-18F	849P-016F	016	4.00/0.5	19.0	MAX160000
BX-15F	878KP-018F	018	8.00/0.5	22.0	MAX160000
BX-16	878KP-021	021	8.00/0.5	22.0	MAX160000
BX-17F	879KP-018F	018	10.00/0.5	24.0	MAX160000
BX-17(EX-24)	879KP-018	018	10.00/0.5	24.0	MAX160000
BX-06F	856P-016F	016	8.00/1.0	19.0	MAX160000
BX-08F	856P-018F	018	8.00/1.0	19.0	MAX160000
BX-10F	856P-021F	021	8.00/0.5	19.0	MAX160000

BX
Guided Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
BX-06	856P-016	016	8.00/1.0	19.0	MAX160000
BX-08	856P-018	018	8.00/0.5	19.0	MAX160000
BX-10	856P-021	021	8.00/0.5	19.0	MAX160000
BX-08C	856P-018C	018	8.00/0.5	19.0	MAX160000
BX-10C	856P-021C	021	8.00/0.5	19.0	MAX160000

SC
Safe Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
SC-11F	640-010F	010	6.00	21.0	MAX300000
SC-11EF	640-010EF	010	6.00	21.0	MAX300000
SC-12F	640-009F	009	8.00	24.0	MAX300000
SC-12EF	640-009EF	009	8.00	24.0	MAX300000










ZY
Safe Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZY-11	650-012	012	8.00	21.0	MAX300000
ZY-11F	650-012F	012	8.00	21.0	MAX300000
ZY-12	650-016	016	8.00	21.0	MAX300000
ZY-12F	650-016F	016	8.00	21.0	MAX300000
ZY-13	650-014	014	10.00	24.0	MAX300000

ZC
Safe Form Shape












Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZC-11	660-010	010	10.00	24.0	MAX300000
ZC-11EF	660-012EF	012	10.00	24.0	MAX300000
ZC-11F	660-010F	010	10.00	24.0	MAX300000
ZC-12EF(EX-27EF)	660S-012EF	012	7.00	21.0	MAX300000
ZC-S19(FO-S54)	660-S019	019	9.50	20.0	MAX300000
ZC-19C(FO-54C)	660-019C	019	9.50	21.0	MAX300000

XG Safe Form Shape












Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
XG-11	603-012	012	6.00	21.0	MAX300000
XG-12	603-014	014	6.00	21.0	MAX300000
XG-13	603-016	016	6.00	21.0	MAX300000
XG-14	603-018	018	6.00	21.0	MAX300000
XG-11F	603-012F	012	6.00	21.0	MAX300000
XG-12F	603-014F	014	6.00	21.0	MAX300000
XG-13F	603-016F	016	6.00	21.0	MAX300000
XG-14F	603-018F	018	6.00	21.0	MAX300000

ZH Safe Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZH-12	604-012	012	6.00	21.0	MAX300000
ZH-14	604-014	014	6.00	21.0	MAX300000
ZH-16	604-016	016	6.00	21.0	MAX300000
ZH-12F	604-012F	012	6.00	21.0	MAX300000
ZH-14F	604-014F	014	6.00	21.0	MAX300000
ZH-16F	604-016F	016	6.00	21.0	MAX300000
ZH-12EF	604-012EF	012	6.00	21.0	MAX300000
ZH-14EF	604-014EF	014	6.00	21.0	MAX300000
ZH-16EF	604-016EF	016	6.00	21.0	MAX300000
ZH-12C	604-012C	012	6.00	21.0	MAX300000

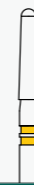




ZH Safe Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZH-14C	604-014C	014	6.00	21.0	MAX300000
ZH-16C	604-016C	016	6.00	21.0	MAX300000
ZH-17	614-012	012	8.00	22.0	MAX300000
ZH-18	614-016	016	8.00	22.0	MAX300000
ZH-19	614-018	018	8.00	22.0	MAX300000
ZH-17F	614-012F	012	8.00	22.0	MAX300000
ZH-18F	614-016F	016	8.00	22.0	MAX300000
ZH-19F	614-018F	018	8.00	22.0	MAX300000
ZH-17EF	614-012EF	012	8.00	22.0	MAX300000
ZH-18EF	614-016EF	016	8.00	22.0	MAX300000










Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ

ZH Safe Form Shape

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
ZH-19EF	614-018EF	018	8.00	22.0	MAX300000
ZH-17C	614-012C	012	8.00	22.0	MAX300000
ZH-18C	614-016C	016	8.00	22.0	MAX300000
ZH-19C	614-018C	018	8.00	22.0	MAX300000

DX Guided Drill

Product Code	ISO Code	Diameter mm	Working Length mm	Overall Length mm	Maximum Speed
DX-11	620-012	012	4.00	19.0	MAX160000
DX-12	620-018	018	4.00	19.0	MAX160000
DX-15	622-012	012	6.00	19.0	MAX160000
DX-16	622-018	018	6.00	19.0	MAX160000
DX-11C	620-012C	012	6.00	19.0	MAX160000
DX-12C	620-018C	018	6.00	19.0	MAX160000
DX-15C	622-012C	012	8.00	19.0	MAX160000
DX-16C	622-018C	018	8.00	19.0	MAX160000

Diamond Sand Fineness ● (C) Coarse/125-150μ ● (S) Standard/106-125μ ● (F) Fine/53-63μ ● (EF) Extra Fine/20-30μ ● (SC) Super Coarse/180-212μ