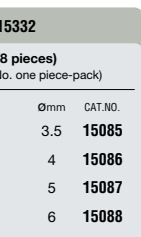
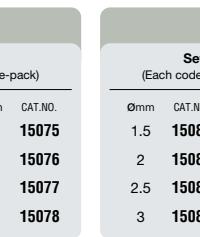
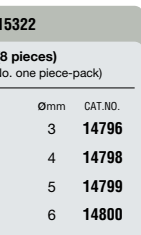
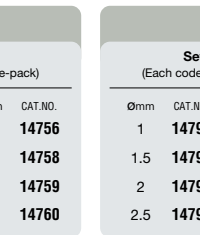
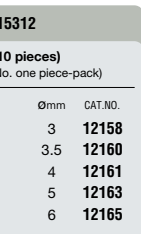
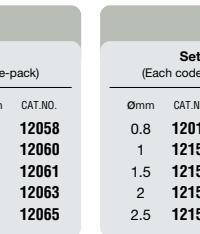
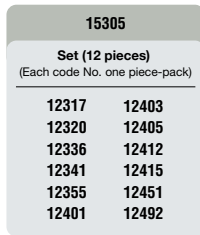
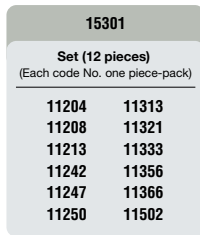
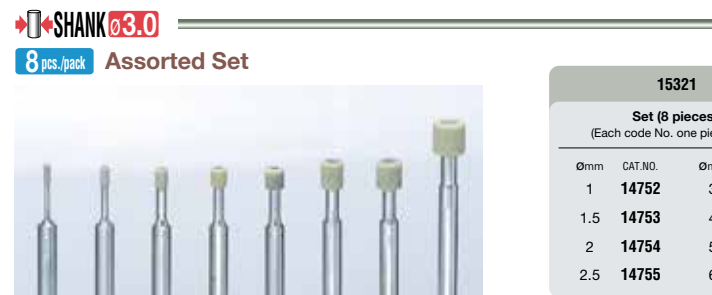
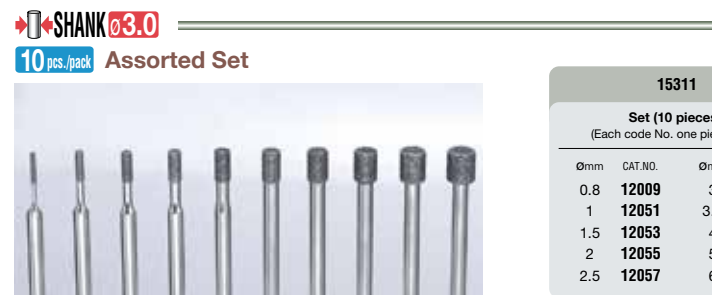
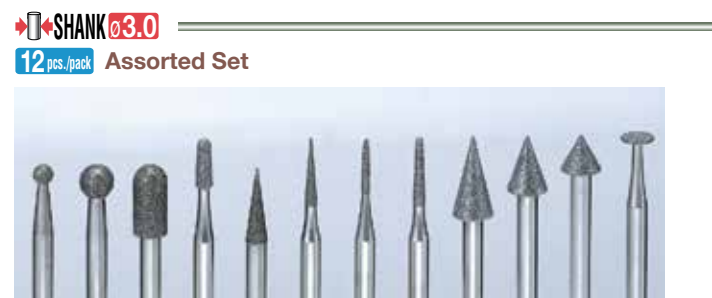
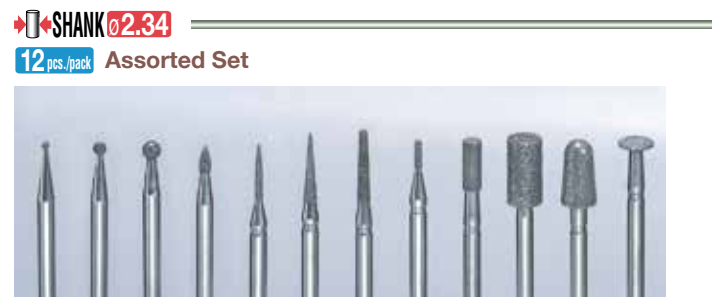
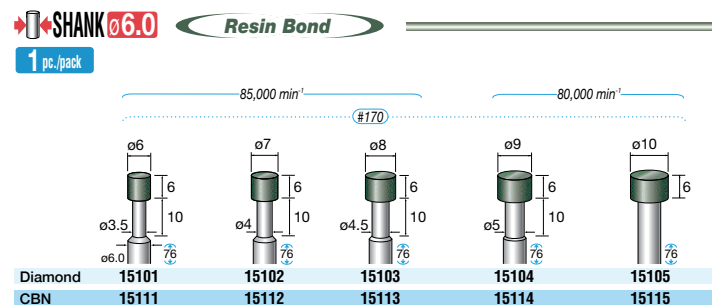
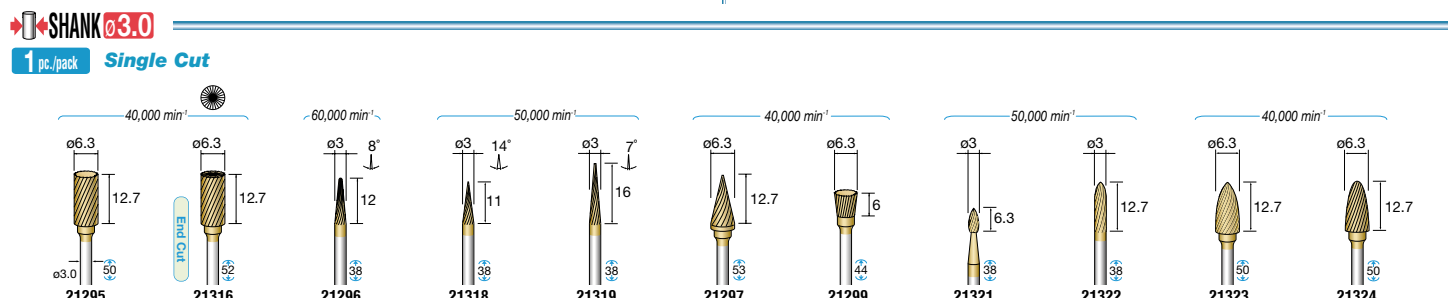
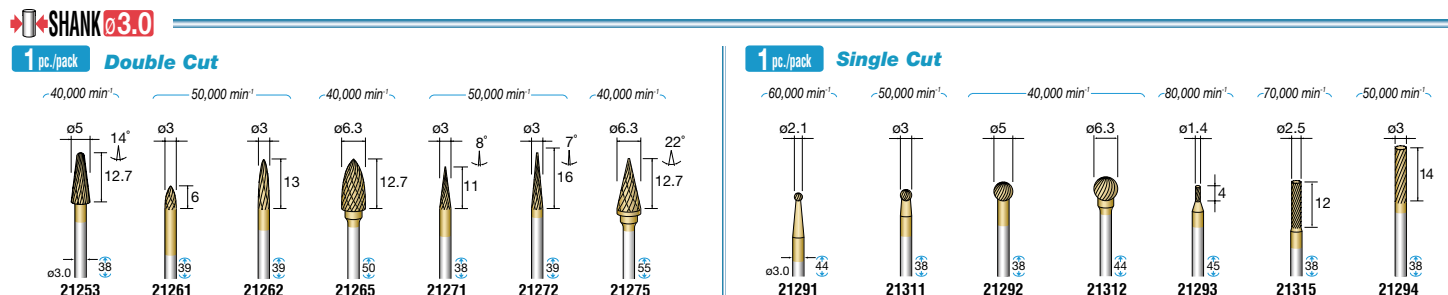
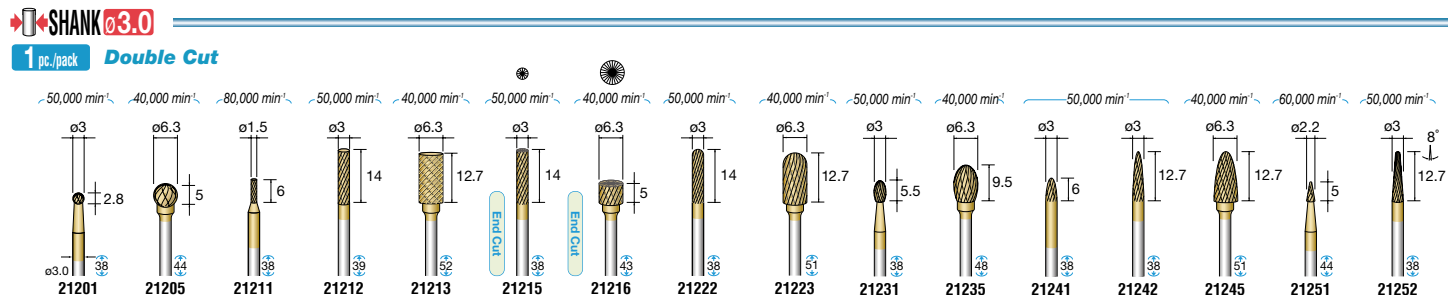
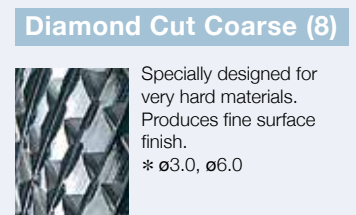
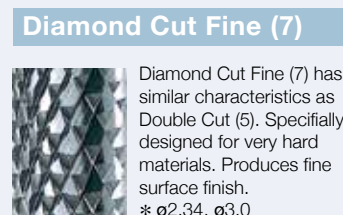
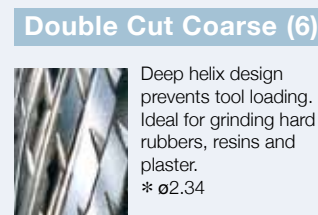
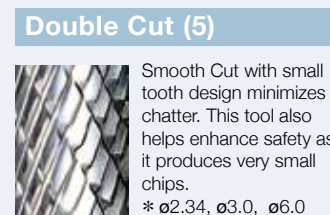
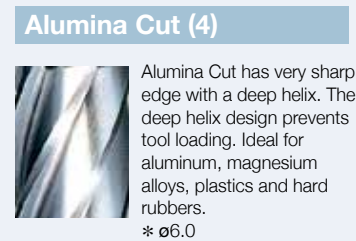
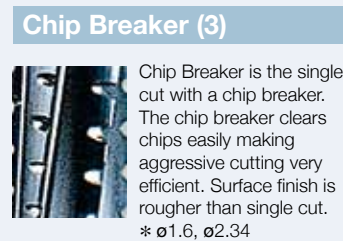
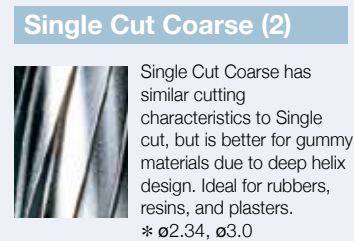
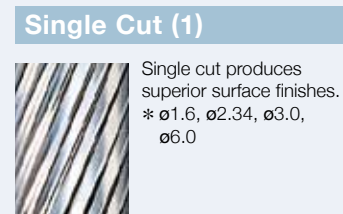


 VITRIFIED / RESIN BONDED DIAMOND / CBN AND DIAMOND IMPREGNATED CERAMIC BARS

CARBIDE CUTTERS

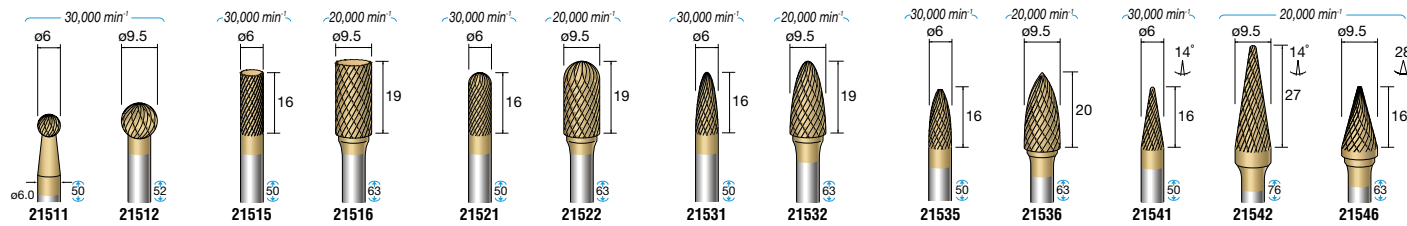
Tool / Cut types and features (* Shows available shank sizes for each cut type)



CARBIDE CUTTERS

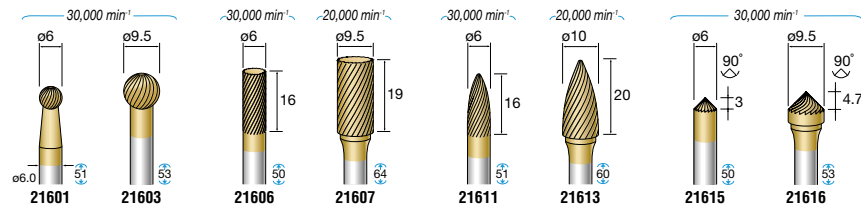
SHANK Ø6.0

1 pc./pack Double Cut



SHANK Ø6.0

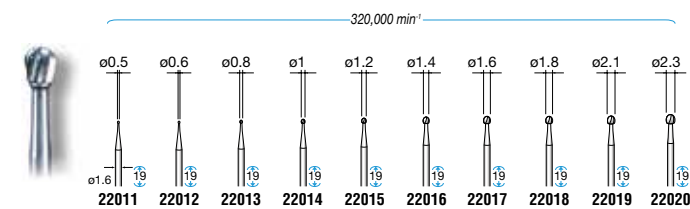
1 pc./pack Single Cut



1.6 mm shank diameter series.
Short type for high speed rotation.
Best for grinding very small parts.

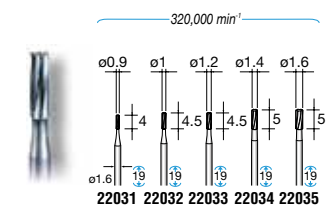
SHANK Ø1.6

5 pcs./pack Single Cut Round Type

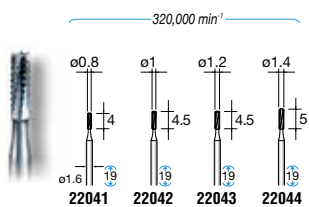


SHANK Ø1.6

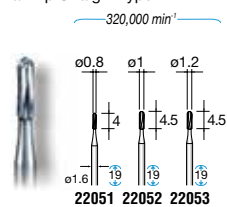
5 pcs./pack Single Cut Straight Type



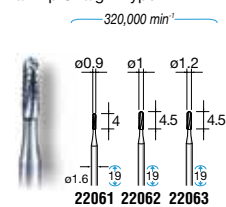
5 pcs./pack Chip Breaker Straight Type



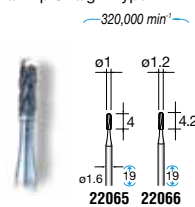
5 pcs./pack Single Cut Ball Tip Straight Type



5 pcs./pack Chip Breaker Ball Tip Straight Type

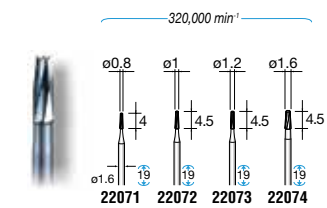


5 pcs./pack Double Cut Ball Tip Straight Type

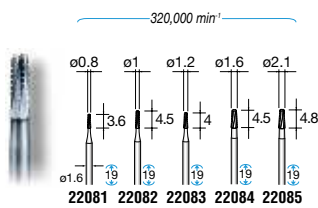


SHANK Ø1.6

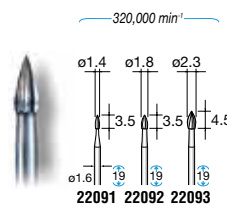
5 pcs./pack Single Cut Tapered Type



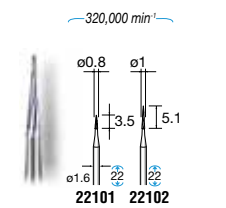
5 pcs./pack Chip Breaker Tapered Type



5 pcs./pack Single Cut



5 pcs./pack Single Cut

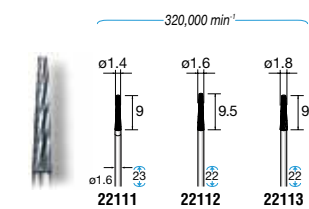


5 pcs./pack Double Cut Ball Point Tapered Type

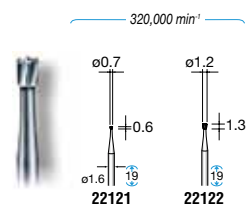


SHANK Ø1.6

5 pcs./pack Single Cut



5 pcs./pack Single Cut



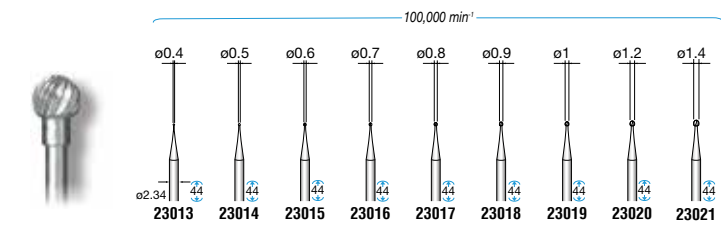
CARBIDE CUTTERS



2.34 mm shank diameter series.
Ideal for engraving, and high
precision burr removal.

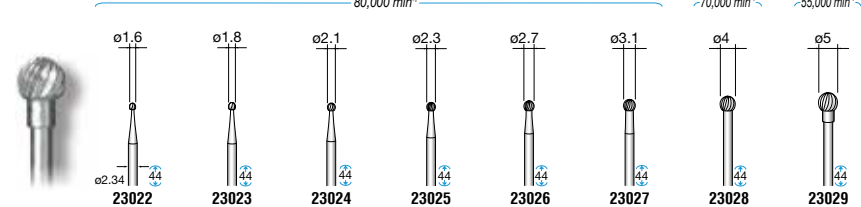
SHANK Ø2.34

1 pc./pack Single Cut

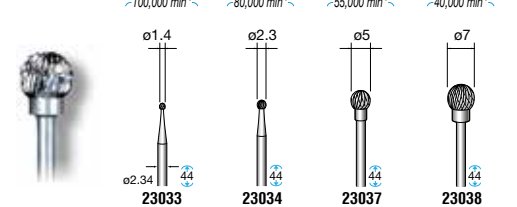


SHANK Ø2.34

1 pc./pack Single Cut

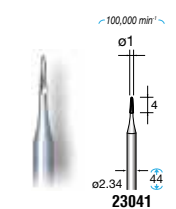


1 pc./pack Double Cut

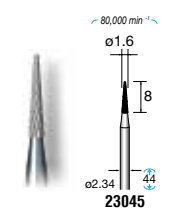


SHANK Ø2.34

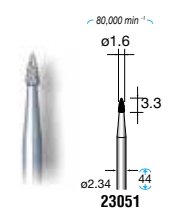
1 pc./pack Single Cut



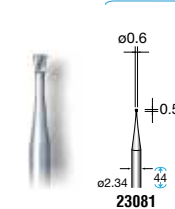
1 pc./pack Diamond Cut



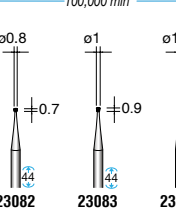
1 pc./pack Diamond Cut



1 pc./pack Single Cut End Cut

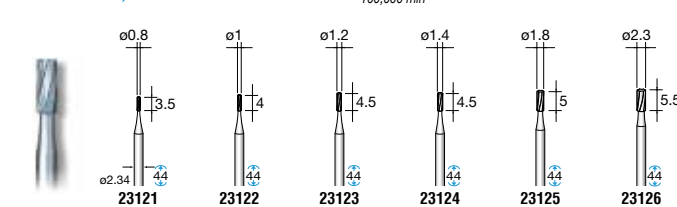


1 pc./pack Diamond Cut End Cut

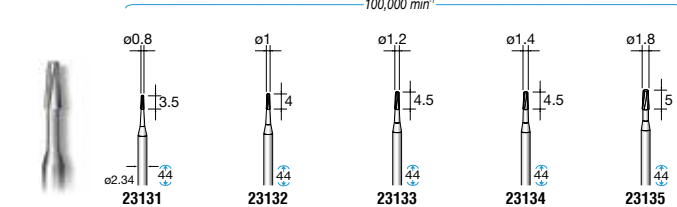


SHANK Ø2.34

1 pc./pack Single Cut Straight Type

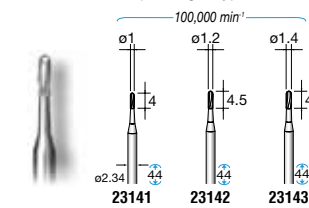


1 pc./pack Single Cut Tapered Type

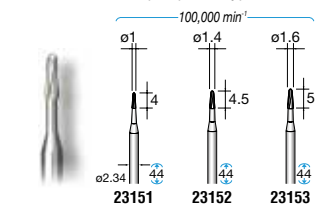


SHANK Ø2.34

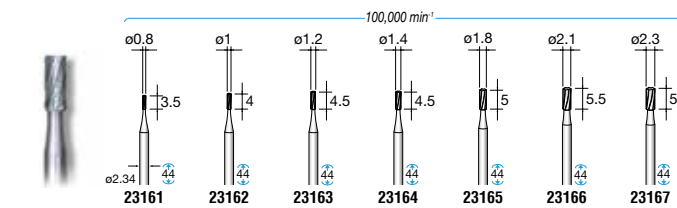
1 pc./pack Single Cut Ball Tip Straight Type



1 pc./pack Single Cut Ball Tip Tapered Type

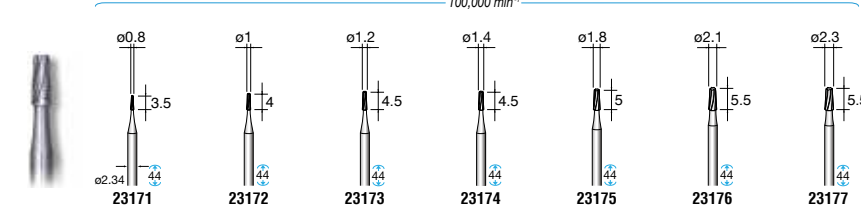


1 pc./pack Chip Breaker Straight Type

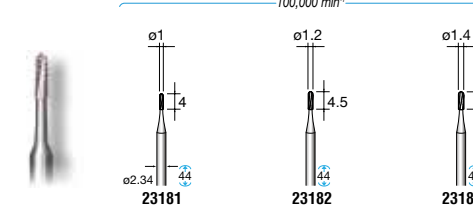


SHANK Ø2.34

1 pc./pack Chip Cut Tapered Type



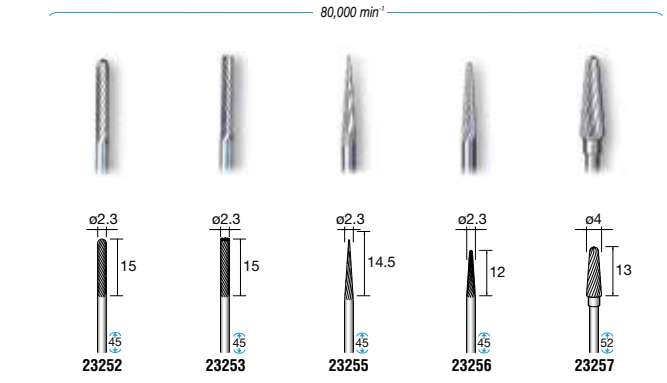
1 pc./pack Chip Cut Ball Tip Straight Type



CARBIDE CUTTERS

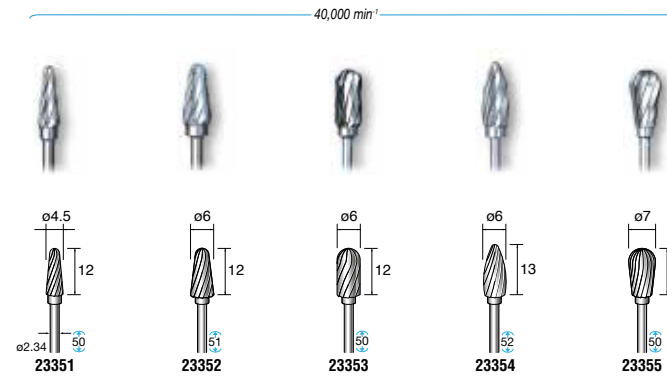
SHANK $\phi 2.34$

1 pc./pack Single Cut



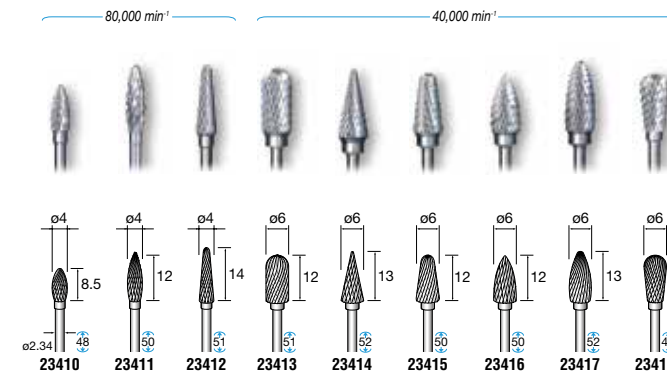
SHANK $\phi 2.34$

1 pc./pack Single Cut



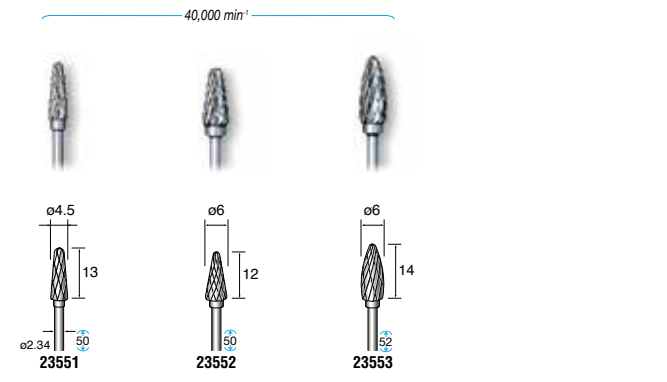
SHANK $\phi 2.34$

1 pc./pack Double Cut

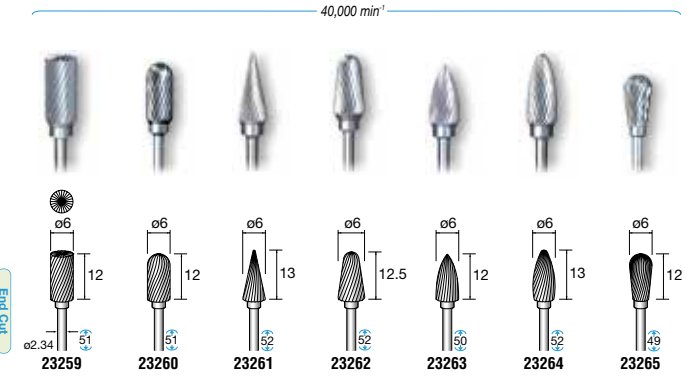


SHANK $\phi 2.34$

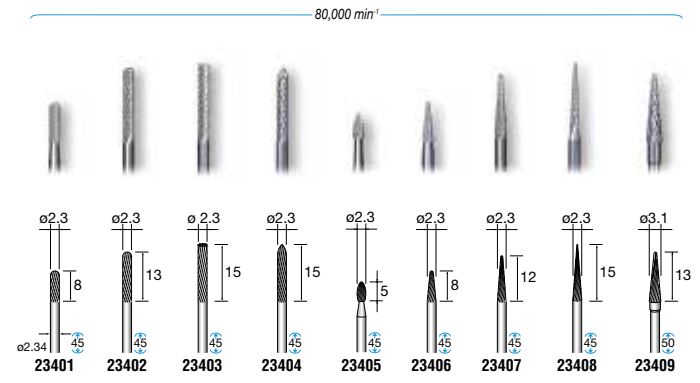
1 pc./pack Double Cut <Rough>



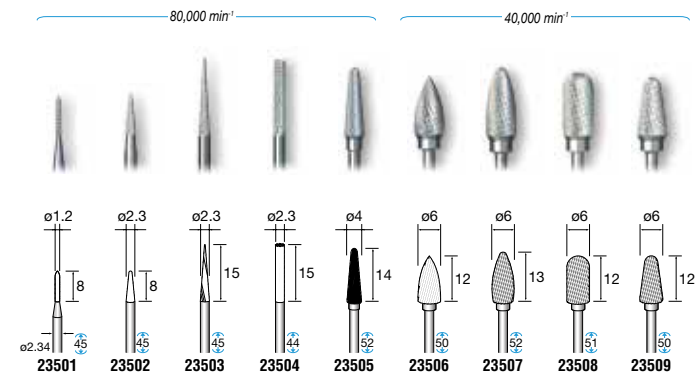
1 pc./pack Single Cut



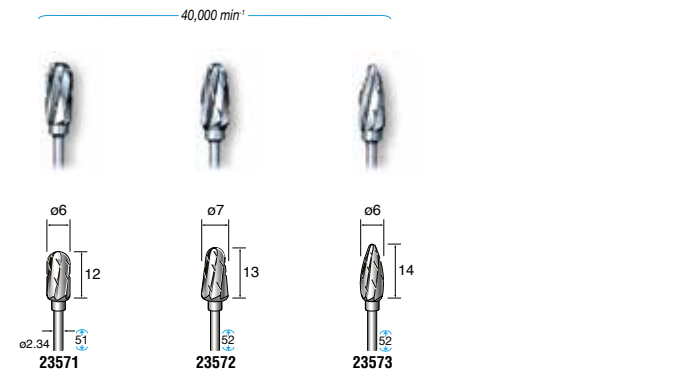
1 pc./pack Double Cut



1 pc./pack Diamond Cut <Fine>



1 pc./pack Double Cut <Super Rough>



CARBIDE CUTTERS

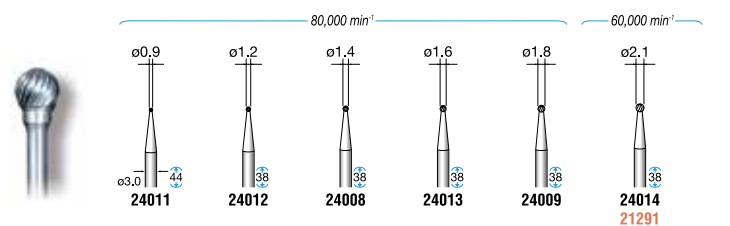
Orange code numbers indicate Titanium-Coated Type.



3.0 mm shank diameter series. High quality carbide cutters offer superior durability and produce fine surface finishes.

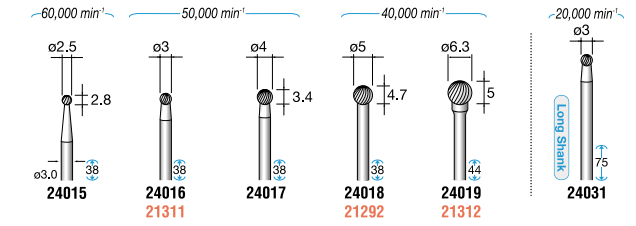
SHANK $\phi 3.0$

1 pc./pack Single Cut

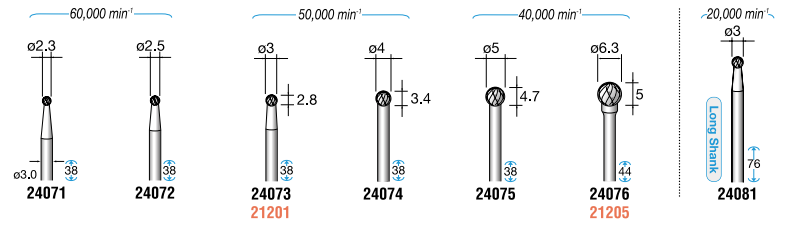


SHANK $\phi 3.0$

1 pc./pack Single Cut

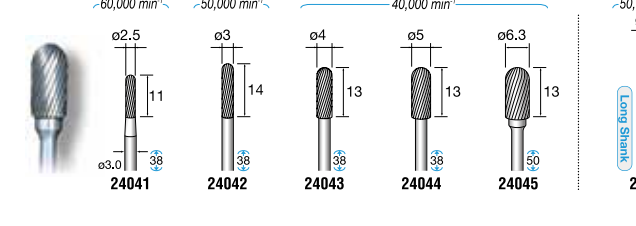


1 pc./pack Double Cut

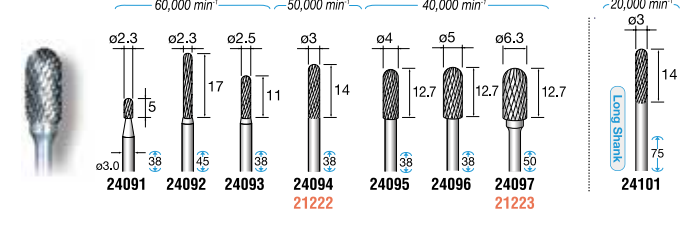


SHANK $\phi 3.0$

1 pc./pack Single Cut

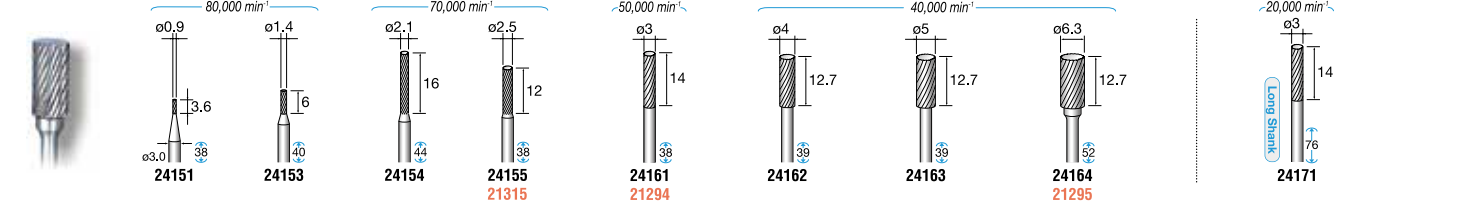


1 pc./pack Double Cut



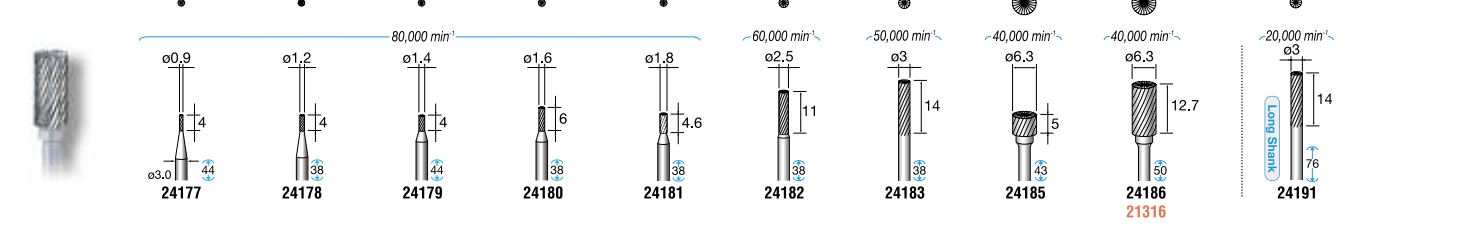
SHANK $\phi 3.0$

1 pc./pack Single Cut



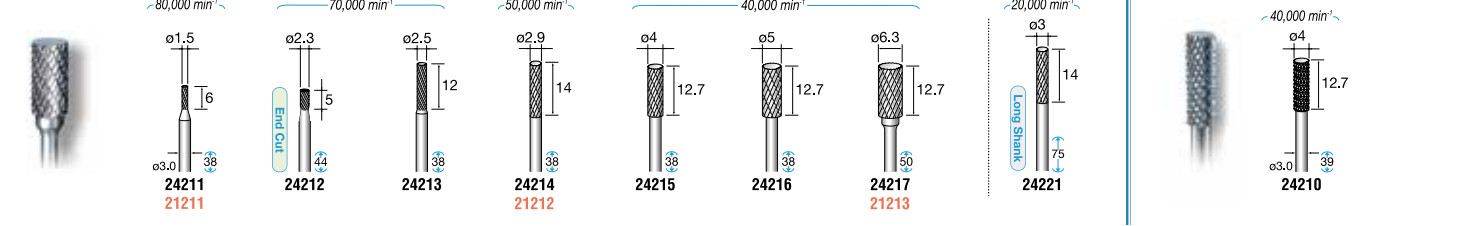
SHANK $\phi 3.0$

1 pc./pack Single Cut End Cut



SHANK $\phi 3.0$

1 pc./pack Double Cut



Diamond / CBN

Carbide Cutters

Specialty Tools

Mounted Points

Rubberized Abrasives

Flap Wheels

Polishing Brushes

Felt Bobs

Abrasive Compounds & Polishing Tools

NSK Exclusive Tools

Diamond / CBN

Carbide Cutters

Specialty Tools

Mounted Points

Rubberized Abrasives

Flap Wheels

Polishing Brushes

Felt Bobs

Abrasive Compounds & Polishing Tools

NSK Exclusive Tools

CARBIDE CUTTERS Orange code numbers indicate Titanium-Coated Type.

SHANK Ø6.0 Alloy Cut

Model	Shank Diameter	Length	Width	Angle	Speed
24679	6.0	16	6.0	14°	30,000 min ⁻¹
24680	6.0	19	6.0	14°	25,000 min ⁻¹
24681	6.0	19	6.0	14°	20,000 min ⁻¹
24683	6.0	16	6.0	14°	30,000 min ⁻¹
24684	6.0	19	6.0	14°	20,000 min ⁻¹
24685	6.0	25	6.0	14°	20,000 min ⁻¹
24686	6.0	19	6.0	14°	25,000 min ⁻¹
24687	6.0	20	6.0	14°	20,000 min ⁻¹
24689	6.0	19	6.0	14°	25,000 min ⁻¹
24690	6.0	16	6.0	28°	20,000 min ⁻¹
24691	6.0	25	6.0	28°	20,000 min ⁻¹



Left Handed
Left handed carbide cutters.
For left handed grinders and a
wide variety of automated
machines.

SHANK Ø3.0 Left Handed

Model	Shank Diameter	Length	Width	Angle	Speed
24711	3.0	14	3.0	14°	50,000 min ⁻¹
24714	3.0	13	3.0	14°	40,000 min ⁻¹
24716	3.0	14	3.0	14°	50,000 min ⁻¹
24719	3.0	12.7	3.0	14°	40,000 min ⁻¹
24721	3.0	13	3.0	14°	50,000 min ⁻¹
24724	3.0	13	3.0	14°	40,000 min ⁻¹
24726	3.0	12.7	3.0	14°	50,000 min ⁻¹
24729	3.0	13	3.0	14°	40,000 min ⁻¹
24801	6.0	16	6.0	14°	30,000 min ⁻¹
24803	6.0	19	6.0	14°	20,000 min ⁻¹
24805	6.0	16	6.0	14°	30,000 min ⁻¹
24808	6.0	19	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Left Handed

Model	Shank Diameter	Length	Width	Angle	Speed
24811	6.0	16	6.0	14°	30,000 min ⁻¹
24813	6.0	20	6.0	14°	20,000 min ⁻¹
24815	6.0	16	6.0	14°	30,000 min ⁻¹

SHANK Ø3.0 Left Handed

Model	Shank Diameter	Length	Width	Angle	Speed
24701	3.0	14	3.0	14°	50,000 min ⁻¹
24705	3.0	13	3.0	14°	40,000 min ⁻¹
24706	3.0	14	3.0	14°	50,000 min ⁻¹
24709	3.0	13	3.0	14°	40,000 min ⁻¹

SHANK Ø6.0 Left Handed

Model	Shank Diameter	Length	Width	Angle	Speed
26091	6.0	16	6.0	14°	30,000 min ⁻¹
26092	6.0	19	6.0	14°	20,000 min ⁻¹
26093	6.0	25	6.0	14°	20,000 min ⁻¹



6.0 mm shank diameter series.
Ideal for grinding, polishing and
general finishing of large work
areas.

SHANK Ø6.0

Model	Shank Diameter	Length	Width	Angle	Speed
26008	6.0	16	6.0	14°	30,000 min ⁻¹
26010	6.0	16	6.0	14°	30,000 min ⁻¹
26011	6.0	16	6.0	14°	30,000 min ⁻¹
26012	6.0	16	6.0	14°	30,000 min ⁻¹
26013	6.0	16	6.0	14°	30,000 min ⁻¹
26014	6.0	16	6.0	14°	30,000 min ⁻¹
26018	6.0	16	6.0	14°	30,000 min ⁻¹
26020	6.0	16	6.0	14°	30,000 min ⁻¹
26021	6.0	16	6.0	14°	30,000 min ⁻¹
26022	6.0	16	6.0	14°	30,000 min ⁻¹
26023	6.0	16	6.0	14°	30,000 min ⁻¹
26024	6.0	16	6.0	14°	30,000 min ⁻¹

SHANK Ø6.0

Model	Shank Diameter	Length	Width	Angle	Speed
26028	6.0	12	6.0	14°	30,000 min ⁻¹
26029	6.0	16	6.0	14°	30,000 min ⁻¹
26030	6.0	16	6.0	14°	30,000 min ⁻¹
26031	6.0	16	6.0	14°	30,000 min ⁻¹
26032	6.0	19	6.0	14°	25,000 min ⁻¹
26033	6.0	19	6.0	14°	20,000 min ⁻¹
26034	6.0	25	6.0	14°	20,000 min ⁻¹
26038	6.0	12	6.0	14°	30,000 min ⁻¹
26039	6.0	16	6.0	14°	30,000 min ⁻¹
26040	6.0	16	6.0	14°	30,000 min ⁻¹
26041	6.0	16	6.0	14°	30,000 min ⁻¹
26042	6.0	19	6.0	14°	25,000 min ⁻¹
26043	6.0	19	6.0	14°	20,000 min ⁻¹
26044	6.0	25	6.0	14°	20,000 min ⁻¹

CARBIDE CUTTERS Orange code numbers indicate Titanium-Coated Type.

SHANK Ø6.0 Single Cut End Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26048	6.0	13	6.0	14°	30,000 min ⁻¹
26049	6.0	16	6.0	14°	30,000 min ⁻¹
26050	6.0	16	6.0	14°	25,000 min ⁻¹
26051	6.0	16	6.0	14°	20,000 min ⁻¹
26052	6.0	19	6.0	14°	25,000 min ⁻¹
26053	6.0	19	6.0	14°	20,000 min ⁻¹
26054	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Double Cut End Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26058	6.0	13	6.0	14°	30,000 min ⁻¹
26059	6.0	16	6.0	14°	30,000 min ⁻¹
26060	6.0	16	6.0	14°	25,000 min ⁻¹
26061	6.0	16	6.0	14°	20,000 min ⁻¹
26062	6.0	19	6.0	14°	25,000 min ⁻¹
26063	6.0	19	6.0	14°	20,000 min ⁻¹
26064	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Single Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26069	6.0	16	6.0	14°	30,000 min ⁻¹
26070	6.0	16	6.0	14°	25,000 min ⁻¹
26071	6.0	16	6.0	14°	20,000 min ⁻¹
26072	6.0	19	6.0	14°	25,000 min ⁻¹
26073	6.0	19	6.0	14°	20,000 min ⁻¹
26074	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Double Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26079	6.0	16	6.0	14°	30,000 min ⁻¹
26080	6.0	16	6.0	14°	25,000 min ⁻¹
26081	6.0	16	6.0	14°	20,000 min ⁻¹
26082	6.0	19	6.0	14°	25,000 min ⁻¹
26083	6.0	19	6.0	14°	20,000 min ⁻¹
26084	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Single Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26091	6.0	16	6.0	14°	30,000 min ⁻¹
26092	6.0	19	6.0	14°	20,000 min ⁻¹
26093	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Double Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26101	6.0	16	6.0	14°	30,000 min ⁻¹
26102	6.0	19	6.0	14°	20,000 min ⁻¹
26103	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Single Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26111	6.0	16	6.0	14°	30,000 min ⁻¹
26112	6.0	19	6.0	14°	25,000 min ⁻¹
26113	6.0	20	6.0	14°	20,000 min ⁻¹
26114	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Double Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26121	6.0	16	6.0	14°	30,000 min ⁻¹
26122	6.0	19	6.0	14°	25,000 min ⁻¹
26123	6.0	20	6.0	14°	20,000 min ⁻¹
26124	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Single Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26131	6.0	13	6.0	14°	30,000 min ⁻¹
26132	6.0	19	6.0	14°	25,000 min ⁻¹
26133	6.0	16	6.0	14°	20,000 min ⁻¹
26134	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Double Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26141	6.0	13	6.0	14°	30,000 min ⁻¹
26142	6.0	19	6.0	14°	25,000 min ⁻¹
26143	6.0	16	6.0	14°	20,000 min ⁻¹
26144	6.0	25	6.0	14°	20,000 min ⁻¹

SHANK Ø6.0 Single Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26151	6.0	16	6.0	14°	30,000 min ⁻¹
26152	6.0	22	6.0	14°	20,000 min ⁻¹
26153	6.0	27	6.0	14°	15,000 min ⁻¹
26154	6.0	30	6.0	14°	15,000 min ⁻¹

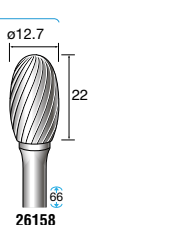
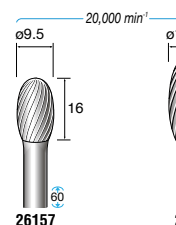
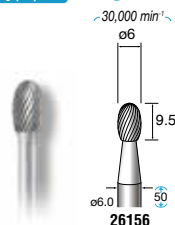
SHANK Ø6.0 Double Cut

Model	Shank Diameter	Length	Width	Angle	Speed
26161	6.0	16	6.0	14°	30,000 min ⁻¹
26162	6.0	22	6.0	14°	20,000 min ⁻¹
26163	6.0	27	6.0	14°	15,000 min ⁻¹
26164	6.0	30	6.0	14°	15,000 min ⁻¹

CARBIDE CUTTERS • Orange code numbers indicate Titanium-Coated Type.

SHANK $\phi 6.0$

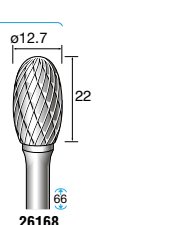
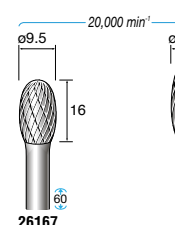
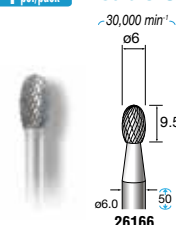
1 pc./pack Single Cut



26156 26157 26158

SHANK $\phi 6.0$

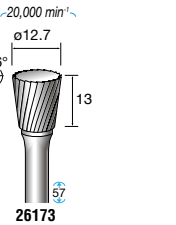
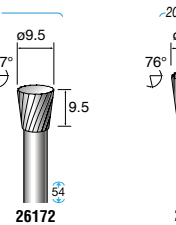
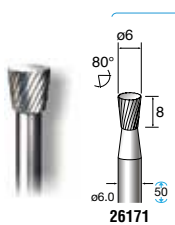
1 pc./pack Double Cut



26166 26167 26168

SHANK $\phi 6.0$

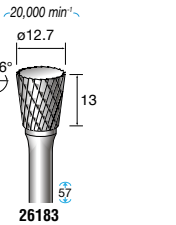
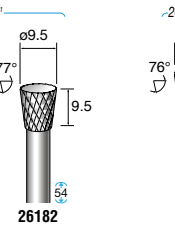
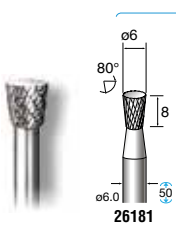
1 pc./pack Single Cut



26171 26172 26173

SHANK $\phi 6.0$

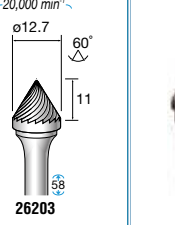
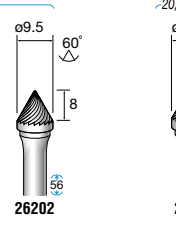
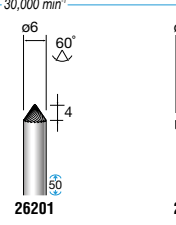
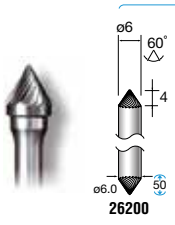
1 pc./pack Double Cut



26181 26182 26183

SHANK $\phi 6.0$

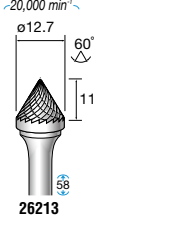
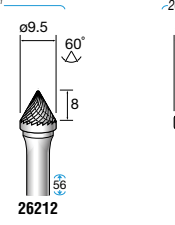
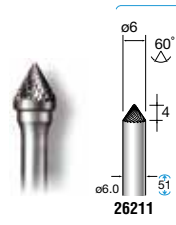
1 pc./pack Single Cut



26200 26201 26202 26203

SHANK $\phi 6.0$

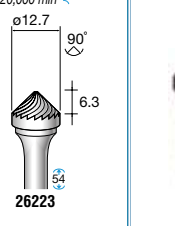
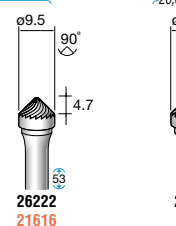
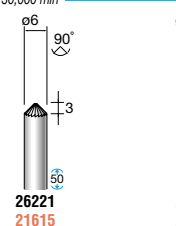
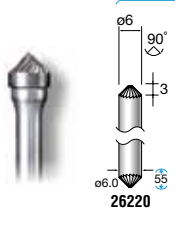
1 pc./pack Double Cut



26211 26212 26213

SHANK $\phi 6.0$

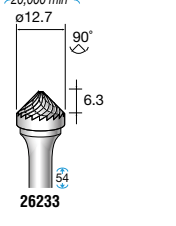
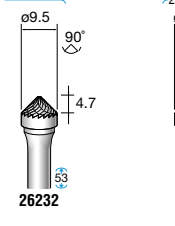
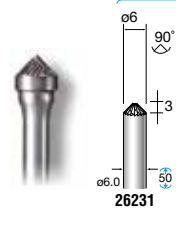
1 pc./pack Single Cut



26220 26221 26222 26223

SHANK $\phi 6.0$

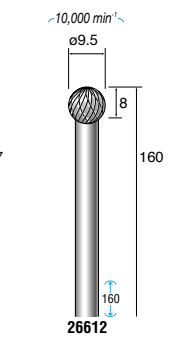
1 pc./pack Double Cut



26231 26232 26233

SHANK $\phi 6.0$

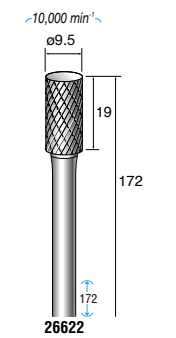
1 pc./pack Double Cut



26611 26612

SHANK $\phi 6.0$

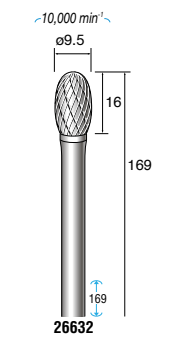
1 pc./pack Double Cut



26621 26622

SHANK $\phi 6.0$

1 pc./pack Double Cut

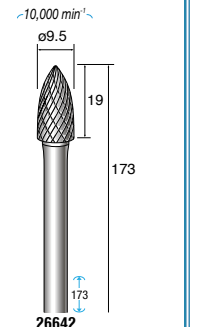
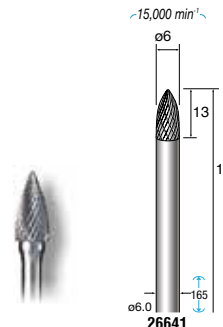


26631 26632

CARBIDE CUTTERS

SHANK $\phi 6.0$

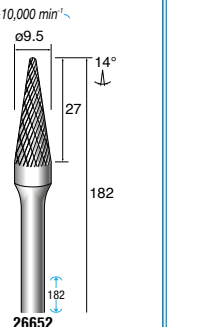
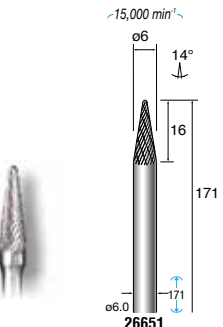
1 pc./pack Double Cut



26641 26642

SHANK $\phi 6.0$

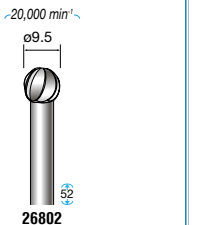
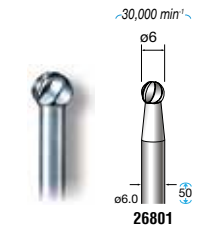
1 pc./pack Double Cut



26651 26652

SHANK $\phi 6.0$

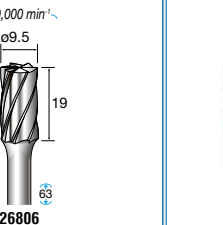
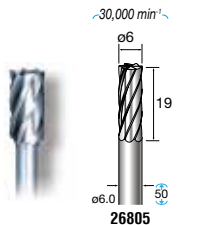
1 pc./pack Single Cut



26801 26802

SHANK $\phi 6.0$

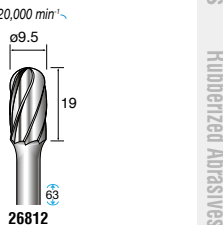
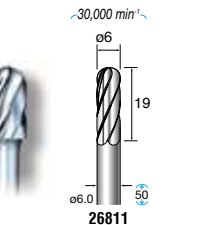
1 pc./pack Single Cut



26805 26806

SHANK $\phi 6.0$

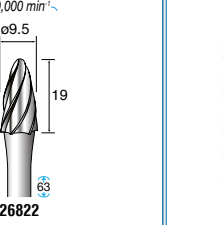
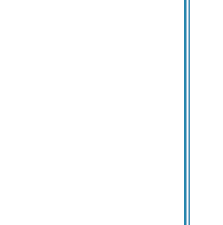
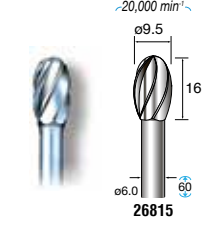
1 pc./pack Single Cut



26811 26812

SHANK $\phi 6.0$

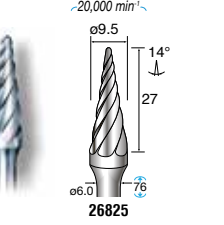
1 pc./pack Single Cut



26815 26821 26822

SHANK $\phi 6.0$

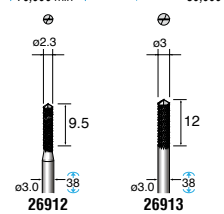
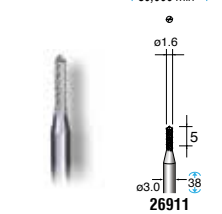
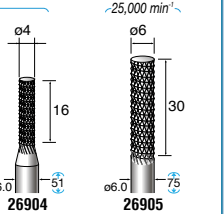
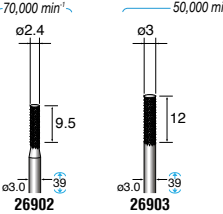
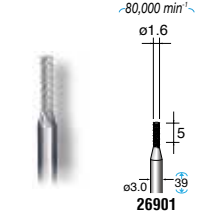
1 pc./pack Single Cut



26825

SHANK $\phi 3.0, \phi 6.0$

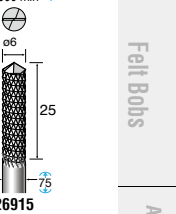
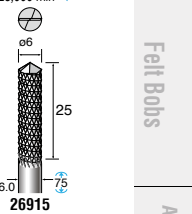
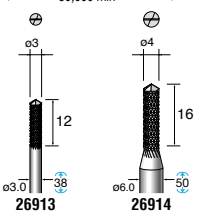
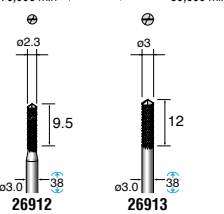
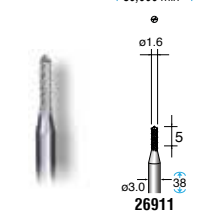
1 pc./pack Diamond Cut



26901 26902 26903 26904 26905

SHANK $\phi 3.0, \phi 6.0$

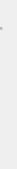
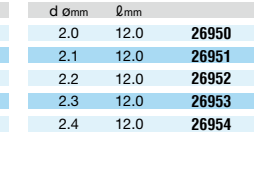
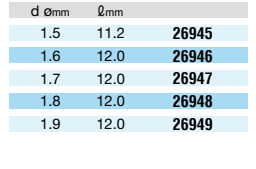
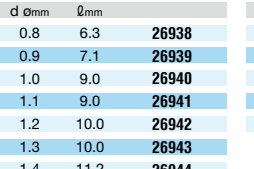
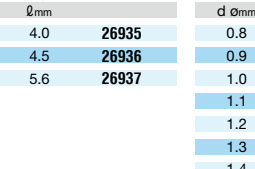
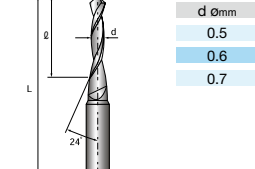
1 pc./pack Diamond Cut



26911 26912 26913 26914 26915

SHANK $\phi 1.0, \phi 1.5, \phi 2.0, \phi 2.5$

1 pc./pack



26935 26936 26937 26938 26939 26940 26941 26942 26943 26944 26945 26946 26947 26948 26949 26950 26951 26952 26953 26954

CARBIDE CUTTERS

SHANK $\phi 3.0$
12 pcs./pack Single Cut Assorted Set



28111 Titanium Coating	
Set (12 pieces) (Each code No. one piece-pack)	
21201	21245
21205	21261
21212	21262
21213	21265
21241	21272
21242	21275

SHANK $\phi 2.34$
12 pcs./pack Single Cut Assorted Set



28121	
Set (12 pieces) (Each code No. one piece-pack)	
23014	23132
23017	23133
23019	23161
23022	23162
23024	23163
23131	23166

SHANK $\phi 3.0$
12 pcs./pack Single Cut Assorted Set



28141	
Set (12 pieces) (Each code No. one piece-pack)	
24016	24301
24019	24303
24041	24305
24044	24402
24161	24452
24164	24454

SHANK $\phi 6.0$
8 pcs./pack Single Cut Assorted Set



28171	
Set (8 pieces) (Each code No. one piece-pack)	
26011	26111
26031	26131
26071	26151
26091	26171

SHANK $\phi 6.0$
8 pcs./pack Double Cut Assorted Set



28181	
Set (8 pieces) (Each code No. one piece-pack)	
26021	26121
26041	26141
26081	26161
26101	26181

SHANK $\phi 3.0$
12 pcs./pack Alloy Cut Assorted Set



24601	
Set (12 pieces) (Each code No. one piece-pack)	
24611	24646
24612	24651
24622	24653
24623	24654
24631	24661
24632	24663

1 pc./pack Wood Case

SHANK $\phi 6.0$
8 pcs./pack Double Cut Assorted Set



28115 Titanium Coating	
Set (8 pieces) (Each code No. one piece-pack)	
21511	21535
21512	21536
21515	21541
21516	21546

12 pcs./pack Double Cut Assorted Set



28125	
Set (12 pieces) (Each code No. one piece-pack)	
23403	23415
23405	23416
23407	23504
23410	23507
23412	23553
23413	23573

12 pcs./pack Double Cut Assorted Set



28145	
Set (12 pieces) (Each code No. one piece-pack)	
24073	24362
24076	24364
24093	24366
24096	24504
24114	24532
24217	24534

8 pcs./pack Single Cut Assorted Set

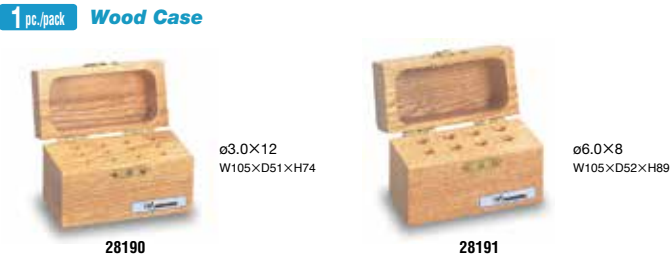


28175	
Set (8 pieces) (Each code No. one piece-pack)	
26013	26113
26033	26133
26073	26153
26092	26172

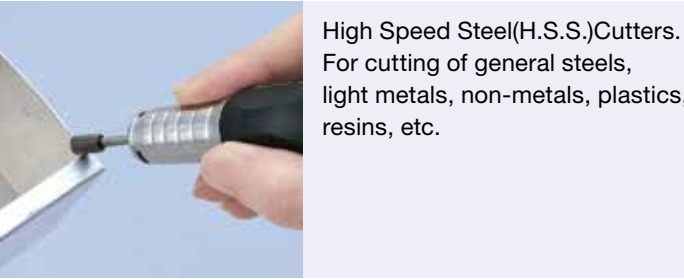
8 pcs./pack Double Cut Assorted Set



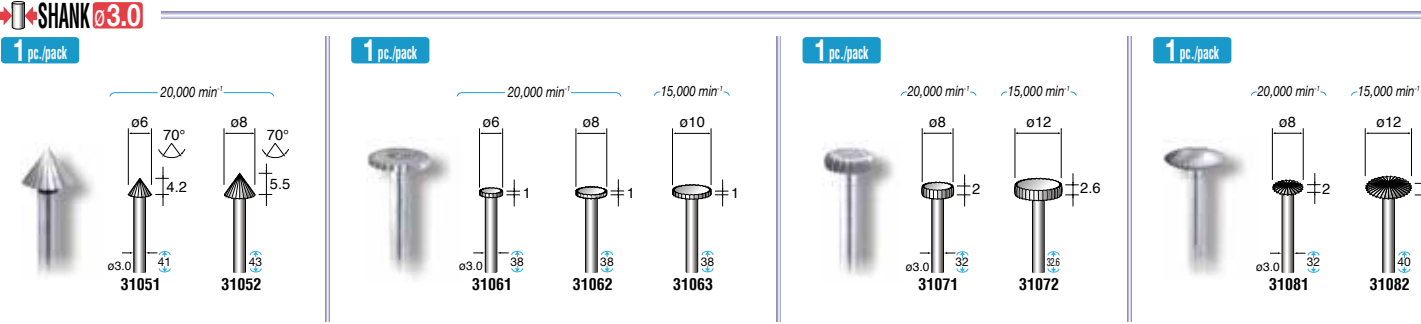
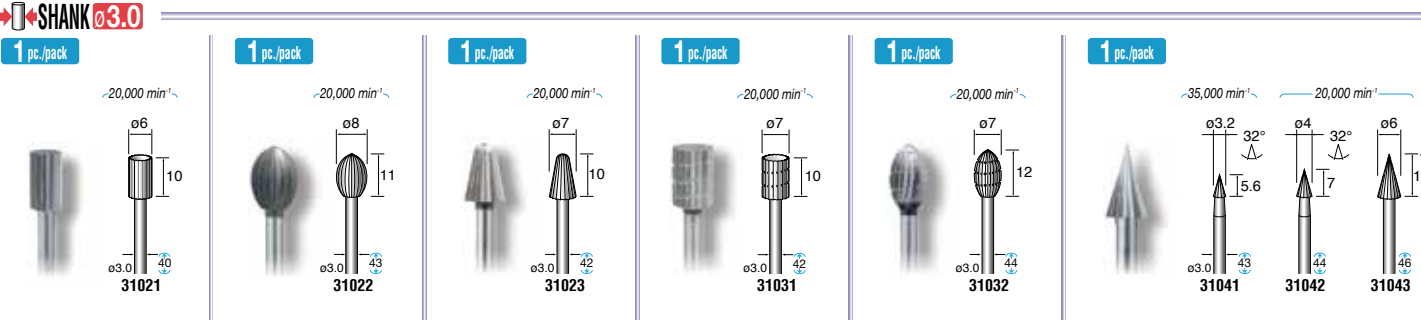
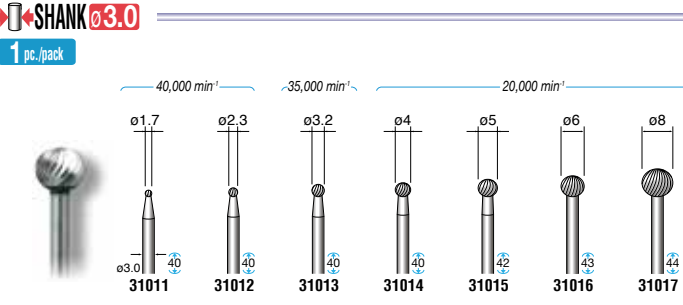
28185	
Set (8 pieces) (Each code No. one piece-pack)	
26023	26123
26043	26143
26083	26163
26102	26182



SPECIALTY TOOLS



High Speed Steel(H.S.S.)Cutters.
For cutting of general steels,
light metals, non-metals, plastics,
resins, etc.



Tungsten Vanadium Steel Cutters.
For fine finishing of soft materials,
resins, bronze, acrylics, etc.

