

DIATECH

# Diamond burs

## Order Information

Head shape

Head shape number  
Head diameter in 1/10 mm  
Head length in mm

Grit sizes:

C	107–181 µm*
M	64–126 µm*
F	27–76 µm*
EF	10–36 µm*

\* Grit sizes according to ISO 7711-3

Head shape		Round End Taper						
Head shape no.	ISO Ø 1/10 mm	Head L in mm						
	856							
	18							
	9							
			Y Z					
Price Gr.	C	M	F	EF	60032312	60032318	60032316	60032314
	D1/005D	D1/005D	D1/005D	D1/005D	D1/005D	D1/005D	D1/005D	D1/005D

Illustration

Y: This item is also available with friction grip short shank (FGSS)

Z: This item is also available in packaging units of 50 pieces.

For article numbers see table below.

Price Group

## Additional Shank Types and Packaging Sizes

Head Shape Number	Head Diameter in 1/10 mm	Head Length in mm	Grit Size	REF	Shank Type FGSS	Packaging Size 50 pcs.	Price Group
368	20	5	F	60031765		×	D1/050D
368	23	5	F	60031775		×	D1/050D
368	23	5	M	60031779		×	D1/050D
379	18	3.5	F	60031791		×	D1/050D
379	23	5	EF	60031799		×	D1/050D
379	23	5	F	60031804		×	D1/050D
379	23	5	M	60031809		×	D1/050D
392	16	6	F	60031823		×	D1/050D
801	12	1.2	M	60031855		×	D1/050D
801	14	1.4	M	60031861		×	D1/050D
801	16	1.6	M	60031868		×	D1/050D
801	18	1.8	M	60031876		×	D1/050D
801	23	2.3	M	60031890		×	D1/050D
830	10	2.7	M	60031964	×		D6/005D
835	10	4	M	60032006		×	D1/050D
835	10	4	M	60032000	×		D6/005D
847	14	8	M	60032124	×		D6/005D
850	18	8	M	60032216		×	D1/050D
855	14	6	M	60032266	×		D6/005D
856	16	7	M	60032274	×		D6/005D
856	18	8	M	60032276	×		D6/005D
858	12	8	M	60032382	×		D6/005D
859	10	10	F	60032402		×	D1/050D
859	14	10	F	60032414		×	D1/050D
862	10	8	M	60032444	×		D6/005D
885	12	8	M	60032634	×		D6/005D
835R	10	4	M	60032014	×		D6/005D
877K	12	6	M	60032494		×	D1/050D
ET9	14	9	F	60032694		×	D2/050D

<p><b>Head shape</b> Head shape no. ISO Ø 1/10 mm Head L in mm</p> <p>Price Gr. Price Gr. Price Gr. Price Gr.</p> <p>C M F EF</p>	<p><b>Bud/Pointed Football</b></p> <p>368 16 3.5</p> <p>60031758 60031756 60031754</p>	<p><b>Bud/Pointed Football</b></p> <p>368 20 5</p> <p>60031760 60031768 60031766 60031762</p>	<p><b>Bud/Pointed Football</b></p> <p>368 23 5</p> <p>60031770 60031776 60031772</p>	<p><b>Egg/Football</b></p> <p>379 16 3.5</p> <p>60031786 60031784 60031782</p>	<p><b>Egg/Football</b></p> <p>379 18 3.5</p> <p>60031794 60031792 60031788</p>	<p><b>Egg/Football</b></p> <p>379 23 5</p> <p>60031796 60031810 60031800</p>	<p><b>Bullet</b></p> <p>390 14 3</p> <p>60031818 60031816</p>	<p><b>Interproximal</b></p> <p>392 16 6</p> <p>60031826 60031824 60031820</p>	<p><b>Interproximal</b></p> <p>392 16 8</p> <p>60031830 60031828</p>	<p><b>Interproximal</b></p> <p>392 18 8</p> <p>60031836 60031834 60031832</p>	<p><b>Interproximal</b></p> <p>392 21 10</p> <p>60031840 60031838</p>	<p><b>Round</b></p> <p>801 9 0.9</p> <p>60031850</p>	<p><b>Round</b></p> <p>801 10 1</p> <p>60031852</p>
<p><b>Head shape</b> Head shape no. ISO Ø 1/10 mm Head L in mm</p> <p>Price Gr. Price Gr. Price Gr. Price Gr.</p> <p>C M F EF</p>	<p><b>Diabolo/Amal- gam Remover</b></p> <p>813 18 2</p> <p>60031952</p>	<p><b>Wheel</b></p> <p>818 25 0.7</p> <p>60031954</p>	<p><b>Wheel</b></p> <p>818 50 0.7</p> <p>60031956</p>	<p><b>Wheel</b></p> <p>828 22 1</p> <p>60031958</p>	<p><b>Wheel</b></p> <p>828 26 1</p> <p>60031960</p>	<p><b>Wheel</b></p> <p>828 30 1</p> <p>60031962</p>	<p><b>Pear</b></p> <p>830 9 2.7</p> <p>60031966</p>	<p><b>Pear</b></p> <p>830 10 2.7</p> <p>60031968</p>	<p><b>Pear</b></p> <p>830 12 2.7</p> <p>60031970</p>	<p><b>Pear</b></p> <p>830 14 2.7</p> <p>60031972</p>	<p><b>Pear</b></p> <p>830 16 2.7</p> <p>60031974</p>	<p><b>Depth Marker</b></p> <p>834 16 6.8</p> <p>60031996</p>	<p><b>Depth Marker</b></p> <p>834 21 6.8</p> <p>60031998</p>
<p><b>Head shape</b> Head shape no. ISO Ø 1/10 mm Head L in mm</p> <p>Price Gr. Price Gr. Price Gr. Price Gr.</p> <p>C M F EF</p>	<p><b>Flat End Taper</b></p> <p>847 14 8</p> <p>60032130 60032128</p>	<p><b>Flat End Taper</b></p> <p>847 16 8</p> <p>60032132 60032136 60032134</p>	<p><b>Flat End Taper</b></p> <p>847 18 8</p> <p>60032138 60032142 60032140</p>	<p><b>Flat End Taper</b></p> <p>847 25 8</p> <p>60032144 60032146</p>	<p><b>Flat End Taper</b></p> <p>848 12 10</p> <p>60032160</p>	<p><b>Flat End Taper</b></p> <p>848 14 10</p> <p>60032164 60032162</p>	<p><b>Flat End Taper</b></p> <p>848 16 10</p> <p>60032166 60032170 60032168</p>	<p><b>Flat End Taper</b></p> <p>848 18 10</p> <p>60032172 60032174</p>	<p><b>Flat End Taper</b></p> <p>848 23 10</p> <p>60032176 60032180 60032178</p>	<p><b>Round End Taper</b></p> <p>849 16 4</p> <p>60032190</p>	<p><b>Round End Taper</b></p> <p>849 25 4</p> <p>60032192 60032194</p>	<p><b>Round End Taper</b></p> <p>850 12 10</p> <p>60032198 60032196</p>	<p><b>Round End Taper</b></p> <p>850 14 10</p> <p>60032200 60032202</p>
<p><b>Head shape</b> Head shape no. ISO Ø 1/10 mm Head L in mm</p> <p>Price Gr. Price Gr. Price Gr. Price Gr.</p> <p>C M F EF</p>	<p><b>Needle</b></p> <p>859 12 10</p> <p>60032408 60032406</p>	<p><b>Needle</b></p> <p>859 14 10</p> <p>60032416 60032413 60032410</p>	<p><b>Needle</b></p> <p>859 16 10</p> <p>60032418</p>	<p><b>Needle</b></p> <p>859 18 10</p> <p>60032424 60032422 60032420</p>	<p><b>Flame</b></p> <p>860 10 4</p> <p>60032426</p>	<p><b>Flame</b></p> <p>860 12 5</p> <p>60032432 60032430 60032428</p>	<p><b>Flame</b></p> <p>860 12 6.5</p> <p>60032436 60032434</p>	<p><b>Flame</b></p> <p>860 14 5</p> <p>60032442 60032440 60032438</p>	<p><b>Flame</b></p> <p>862 10 8</p> <p>60032450 60032448 60032446</p>	<p><b>Flame</b></p> <p>862 12 8</p> <p>60032456 60032454 60032452</p>	<p><b>Flame</b></p> <p>862 14 8</p> <p>60032460 60032458</p>	<p><b>Flame</b></p> <p>862 16 8</p> <p>60032466 60032464 60032462</p>	<p><b>Flame</b></p> <p>863 12 10</p> <p>60032474 60032472 60032470</p>
<p><b>Head shape</b> Head shape no. ISO Ø 1/10 mm Head L in mm</p> <p>Price Gr. Price Gr. Price Gr. Price Gr.</p> <p>C M F EF</p>	<p><b>Acorn</b></p> <p>905 27 2.9</p> <p>60032668</p>	<p><b>Acorn</b></p> <p>905 31 3.1</p> <p>60032670</p>	<p><b>Round Wheel</b></p> <p>909 40 1</p> <p>60032672</p>	<p><b>Round Wheel</b></p> <p>909 40 1.5</p> <p>60032674 60032676</p>	<p><b>Round Wheel</b></p> <p>909 55 2</p> <p>60032678</p>	<p><b>Striated Cylinder</b></p> <p>6051 18 6</p> <p>60031842</p>	<p><b>Striated Cylinder</b></p> <p>6052 18 8</p> <p>60031844 60031846</p>	<p><b>Striated Cylinder</b></p> <p>6055 18 8</p> <p>60031848</p>	<p><b>Pear Long</b></p> <p>830L 10 4</p> <p>60031976</p>	<p><b>Pear Long</b></p> <p>830L 12 4</p> <p>60031982 60031980 60031978</p>	<p><b>Pear Long</b></p> <p>830L 14 5</p> <p>60031986</p>	<p><b>Pear Long</b></p> <p>830L 16 5</p> <p>60031984 60031988</p>	<p><b>Pear Long</b></p> <p>830L 18 5</p> <p>60031990</p>
<p><b>Head shape</b> Head shape no. ISO Ø 1/10 mm Head L in mm</p> <p>Price Gr. Price Gr. Price Gr. Price Gr.</p> <p>C M F EF</p>	<p><b>Round End Taper with Pin</b></p> <p>856P 18 8</p> <p>60032364</p>	<p><b>Round End Taper with Pin</b></p> <p>856P 21 8</p> <p>60032366</p>	<p><b>Round End Taper Extra Long</b></p> <p>856XL 18 12</p> <p>60032376</p>	<p><b>Round End Taper Extra Long</b></p> <p>856XL 18 12</p> <p>60032378</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>877K 12 6</p> <p>60032493</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>877K 14 6</p> <p>60032496</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>877K 16 6</p> <p>60032498</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>877K 18 6</p> <p>60032500</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>878K 10 8</p> <p>60032516 60032514</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>878K 12 8</p> <p>60032520 60032518</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>878K 14 8</p> <p>60032524 60032522</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>878K 16 8</p> <p>60032526 60032530 60032528</p>	<p><b>Tapered Torpedo (Curretage)</b></p> <p>878K 18 8</p> <p>60032532 60032536 60032534</p>
<p><b>Head shape</b> Head shape no. ISO Ø 1/10 mm Head L in mm</p> <p>Price Gr. Price Gr. Price Gr. Price Gr.</p> <p>C M F EF</p>	<p><b>Flat End Cylinder</b></p> <p>837I 14 8</p> <p>60032070</p>	<p><b>Flat End Cylinder</b></p> <p>837I 16 8</p> <p>60032072</p>	<p><b>Flat End Taper</b></p> <p>847I 16 8</p> <p>60032156</p>	<p><b>Flat End Taper</b></p> <p>847I 18 8</p> <p>60032158</p>	<p><b>Flat End Taper</b></p> <p>848I 16 10</p> <p>60032186</p>	<p><b>Flat End Taper</b></p> <p>848I 18 10</p> <p>60032188</p>	<p><b>Round End Taper</b></p> <p>850I 14 10</p> <p>60032234</p>	<p><b>Round End Taper</b></p> <p>850I 16 10</p> <p>60032236</p>	<p><b>Round End Taper</b></p> <p>850I 18 8</p> <p>60032238</p>	<p><b>Round End Taper</b></p> <p>850I 18 10</p> <p>60032240</p>	<p><b>Round End Taper Long</b></p> <p>856LT 16 10</p> <p>60032358</p>	<p><b>Round End Taper Long</b></p> <p>856LT 16 11</p> <p>60032360</p>	<p><b>Round End Taper</b></p> <p>856I 14 8</p> <p>60032368</p>



Inverted Cone with Collar 806 10 2,2	Inverted Cone with Collar 806 12 2,2	Inverted Cone with Collar 806 14 2,2	Inverted Cone with Collar 806 16 2,5	Inverted Cone 807 10 3,5	Inverted Cone 807 12 3,5	Inverted Cone 807 16 4	Inverted Cone 807 18 5	Occlusal Reduction/ Barrel 811 31 4,2	Occlusal Reduction/ Barrel 811 33 5	Occlusal Reduction/ Barrel 811 37 7	Occlusal Reduction/ Barrel 811 48 8	Diabolo/Amalgam Remover 813 10 1,5	Diabolo/Amalgam Remover 813 14 1,5																
D6/005D 60031918	D6/005D 60031920	D6/005D 60031922	D6/005D 60031924	D6/005D 60031926	D6/005D 60031928	D6/005D 60031930	D6/005D 60031932	D4/005D 60031934	D4/005D 60031936	D4/005D 60031938	D4/005D 60031940	D4/005D 60031942	D6/005D 60031948	D6/005D 60031950															
Round End Cylinder 838 14 4	End Cutting Cylinder 839 10 0,2	End Cutting Cylinder 839 12 0,2	End Cutting Cylinder 839 14 0,2	Flat End Cylinder 842 14 12	Flat End Taper 845 10 4	Flat End Taper 845 12 4	Flat End Taper 845 14 4	Flat End Taper 845 16 4	Flat End Taper 846 16 6	Flat End Taper 846 16 7	Flat End Taper 846 18 7	Flat End Taper 846 23 7	Flat End Taper 847 12 8	Flat End Taper 847 12 8															
D1/005D 60032080	D2/005D 60032084	D2/005D 60032088	D2/005D 60032086	D2/005D 60032092	D2/005D 60032090	D1/005D 60032094	D6/005D 60032096	D6/005D 60032098	D6/005D 60032100	D1/005D 60032112	D1/005D 60032114	D1/005D 60032116	D6/005D 60032118	D1/005D 60032126															
Round End Taper 856 14 9	Round End Taper 856 16 7	Round End Taper 856 16 8	Round End Taper 856 16 9	Round End Taper 856 18 9	Round End Taper 856 18 9	Round End Taper 856 21 8	Round End Taper 856 21 9	Round End Taper 856 25 7	Round End Taper 856 25 8	Needle 858 12 8	Needle 858 14 8	Needle 858 16 8	Needle 859 10 10	Needle 859 10 10															
D1/005D 60032286	D6/005D 60032288	D1/005D 60032292	D1/005D 60032290	D6/005D 60032294	D1/005D 60032300	D6/005D 60032306	D1/005D 60032310	D6/005D 60032312	D1/005D 60032318	D1/005D 60032316	D6/005D 60032320	D6/005D 60032322	D6/005D 60032324	D6/005D 60032328	D6/005D 60032326	D6/005D 60032330	D6/005D 60032334	D6/005D 60032332	D6/005D 60032336	D6/005D 60032338	D1/005D 60032388	D1/005D 60032386	D1/005D 60032384	D1/005D 60032394	D1/005D 60032392	D1/005D 60032390	D1/005D 60032396	D1/005D 60032404	D1/005D 60032398
Round End Cylinder 881 12 8	Round End Cylinder 881 14 8	Round End Cylinder 881 16 8	Round End Cylinder 882 12 10	Round End Cylinder 882 14 10	Beveled Cylinder 884 12 6	Beveled Cylinder 885 12 8	Beveled Cylinder 885 14 8	Beveled Cylinder 886 12 10	Beveled Cylinder 886 14 10	Beveled Cylinder 886 16 10	Flame 889 9 3,5	Occlusal Reduction 899 27 7	Acorn 905 23 2,7																
D6/005D 60032598	D1/005D 60032602	D1/005D 60032600	D6/005D 60032604	D1/005D 60032608	D1/005D 60032606	D6/005D 60032610	D1/005D 60032614	D1/005D 60032612	D1/005D 60032626	D1/005D 60032628	D1/005D 60032628	D6/005D 60032632	D6/005D 60032638	D6/005D 60032636	D6/005D 60032640	D6/005D 60032642	D6/005D 60032644	D6/005D 60032644	D6/005D 60032648	D6/005D 60032648	D6/005D 60032652	D6/005D 60032654	D1/005D 60032660	D1/005D 60032658	D1/005D 60032656	D4/005D 60032664	D4/005D 60032666		
Rounded Edge Taper 846R 16 6	Rounded Edge Taper 847R 16 8	Rounded Edge Taper 847R 18 8	Rounded Edge Taper 848R 16 10	Rounded Edge Taper 848R 18 10	Round End Taper Long 850L 16 12	Round End Taper Long 850L 18 12	Round End Taper Narrow 850N 14 10	Round End Taper Long 856L 12 10	Round End Taper Long 856L 14 10	Round End Taper Long 856L 16 10	Round End Taper Long 856L 18 10	Round End Taper Long 856L 18 11	Round End Taper Long Narrow 856N 14 8																
D1/005D 60032122	D6/005D 60032120	D6/005D 60032148	D1/005D 60032152	D1/005D 60032150	D6/005D 60032154	D6/005D 60032182	D6/005D 60032184	D1/005D 60032228	D1/005D 60032226	D1/005D 60032230	D6/005D 60032232	D1/005D 60032340	D1/005D 60032342	D6/005D 60032344	D1/005D 60032346	D1/005D 60032350	D1/005D 60032348	D6/005D 60032352	D1/005D 60032356	D1/005D 60032354	D6/005D 60032362								
ET4 10 4,2	ET6 14 6	ET9 14 9	KS0 10 7	KS1 12 7	KS2 14 8	KS4 24 4,2	KS5 31 6,2	KS6 25 9	KS7 54 1	Egg/football 3797 23 5	Occlusal Reduction/ Barrel 811T 33 5	Flat End Cylinder 836T 14 6	Flat End Cylinder 836T 16 6	Flat End Cylinder 836T 16 6															
D2/005D 60032713	D2/005D 60032715	D2/005D 60032714	D2/005D 60032693	D2/005D 60032690	D2/005D 60032716	D2/005D 60032717	D2/005D 60032718	D2/005D 60032719	D2/005D 60032720	D2/005D 60032721	D2/005D 60032722	D2/005D 60032723	D3/005D 60031812	D3/005D 60031946	D3/005D 60032046	D3/005D 60032048													
Round End Taper 850Z 18 10	Round End Taper 856Z 18 8	Flame 862Z 14 8	Flame 863Z 14 10	Round End Cylinder 881Z 14 8	Round End Cylinder 881Z 16 8																								
D5/005D 60032244	D5/005D 60032280	D5/005D 60032468	D5/005D 60032482	D5/005D 60032620	D5/005D 60032623																								

## Recommended Speed Ranges

Head diameter in 1/10 mm	RPM	Head diameter in 1/10 mm	RPM
007-011	75.000-150.000	029-032	25.000-56.000
012-015	60.000-110.000	033-041	22.000-45.000
016-019	45.000-88.000	042-054	20.000-37.000
021-023	40.000-75.000	055-060	17.000-32.000
024-028	30.000-65.000		

ISO standardized grit sizes

### 60032955 Assorted Pack, 50 pcs

#### Price Group D1/050D

Content: 379-314-023-05.0-F 10 burs  
 859-314-014-10.0-F 10 burs  
 850-314-018-08.0-M 15 burs  
 801-314-016-01.6-M 15 burs

### Large Size

Content: 50 instruments  
 10 x 5 blister packed burs  
 Available for selected products

### Regular Size

Content: 5 instruments  
 Packed in 5 single sealed blister trays  
 Available for all products



DIATECH Diamonds come in individually sealed and marked blister packs for traceability and convenience.

- Gold-plated premium instruments
- 100% natural diamond grit
- 100% visual quality control
- ISO standardized grit sizes
- Precise blank calibration
- Higher number of diamonds per mm<sup>2</sup>



**High grinding performance and extended durability**

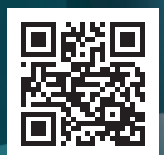
© COLTENE – [www.coltene.com](http://www.coltene.com)



**CH** Coltène/Whaledent AG  
 Feldwiesenstrasse 20  
 9450 Altstätten / Switzerland

**Service Center**  
[service@coltene.com](mailto:service@coltene.com)

**UK** Coltène/Whaledent Ltd.  
 The President Suite  
 Kendal House, Victoria Way  
 Burgess Hill, West Sussex  
 RH15 9NF / UK



**COLTENE**