Dental Burs Shapes & ISO European Code Table

ISO no.	Eur no.	
001	801	Spherical (Round)
002	802	Spherical (Round) with collar (Extension)
010	805	Inverted, truncated conical
019	806	Inverted conical with collar
032	813	Diabolo
038	811S	Truncated conical / Inverted conical symmetrical, standard
039	811	Truncated conical / Inverted conical symmetrical, long
041	815	Wheel
055	824	Wheel, truncated conical with shoulder, Rim cutting only
067	909	Wheel, narrow, half-circle rim
068	909	Wheel, narrow, half-circle rim
108	835	Cylindrical L1 ⊠3.5mm
109	835	Cylindrical 3.5mm < L1 ⊠5.5mm
110	836	Cylindrical 5.5mm < L1 ⊠7.5mm
111	837	Cylindrical 7.5mm < L1 ⊠9.5mm
112	837L	Cylindrical 9.5mm < L1 ⊠11.5mm
129	884	Conical / Cylindrical 7.5mm < L1 ⊠9.5mm
130	885	Conical / Cylindrical 7.5mm < L1 ⊠9.5mm
131	886	Conical / Cylindrical 9.5mm < L1 ⊠11.5mm
138	838	Hemispherical / Cylindrical L1 ⊠3.5mm
139	838	Hemispherical / Cylindrical 3.5mm < L1 ⊠5.5mm
140	880	Hemispherical / Cylindrical 5.5mm < L1 ⊠7.5mm
141	881	Hemispherical / Cylindrical 7.5 mm < L1 ⊠9.5mm
150		Cylindrical (End Cutter) end cutting only
156	835KR	Cylindrical with rounded corners
158	837KR	Cylindrical with rounded corners 7.5mm < L1 < 9.5mm
163	852	Conical
164	852	Conical, pointed (Taper) 3.5 mm < L1 ⊠6.5mm
165	858	Conical, pointed (Taper) 6.5 mm < L1 ⊠8.5mm
166	859	Conical, pointed (Taper) 8.5 mm < L1 ⊠10.5mm
167	859L	Conical, pointed (Taper) L1 > 10.5mm
169	845	Truncated conical L1 ⊠3.5mm
170	845	Truncated conical 3.5mm < L1 ⊠5.5mm
171	846	Truncated conical 5.5mm < L1 ⊠ 7.5mm
172	847	Truncated conical 7.5mm < L1 ⊠9.5mm
173	848	Truncated conical 9.5mm < L1 ⊠11.5mm
174	848L	Truncated conical 11.5mm < L1 ⊠13.5mm
196	849	Truncated conical, domed, standard 3.5mm < L1 ⊠5.5mm
197	855	Truncated conical, domed, standard 5.5mm < L1 ⊠7.5mm
198	856	Truncated conical, domed, standard 7.5mm < L1 ⊠9.5mm
199	850	Truncated conical, domed, standard 9.5mm < L1 ⊠11.5mm
200	850L	Truncated conical, domed, standard
225	807	Inverted conical, standard
226	807L	Inverted conical, long
233	830	Inverted conical,with convex end and rounded edges, standard
234	830L	Inverted conical,with convex end and rounded edges, Long
237	830R	Pear; hemispherical / Inverted conical, standard
238	830RL	Pear; hemispherical / Inverted conical, long
247	860	Cylindrical with long ogival end (Pear Flame) 3.5mm < L1 ⊠5.5mm
248	861	Cylindrical with long ogival end (Pear Flame) 5.5mm < L1 ⊠7.5mm
249	862	Cylindrical with long ogival end (Pear Flame) 7.5mm < L1 ⊠9.5mm
250	863	Cylindrical with long ogival end (Pear Flame) 9.5mm < L1 ⊠11.5mm
257	368	Bud (Ogivo / hemispherical, Inverted), (Football), Slender
277	379	Egg, Longitudinal ellipsoidal
288	877	Torpedo (ogivo / cylindrical) 5.5mm < L1 ⊠7.5mm
289	878	Torpedo (ogivo / cylindrical) 7.5mm < L1 ⊠9.5mm
290	879	Torpedo (ogivo / cylindrical) 9.5mm < L1 ⊠11.5mm

ISO no.	Eur no.	
297	877K	Truncated conical with ogival end 5.5mm < L1 ⊠7.5mm
298	878K	Truncated conical with ogival end 7.5mm < L1 ⊠9.5mm
299	879K	Truncated conical with ogival end 9.5mm < L1 ⊠11.5mm
465	392	Bur - interdental
466	392	Bur, conical with concave side
508T		Guided Pin Taper
508C		Guided Pin Cylinder
511	RC5	Cylindrical (Reducer) rounded, with straight grooves 4.5mm < L1 ⊠6.5mm
512	RC7	Cylindrical (Reducer) rounded, with straight grooves 6.5mm < L1 ⊠7.5mm
513	RC8	Cylindrical (Reducer) rounded, with straight grooves 7.5mm < L1 ⊠8.5mm
514	RC9	Cylindrical (Reducer) rounded, with straight grooves 8.5mm < L1 ⊠9.5mm
516	RT4	Conical (Reducer) rounded, with straight grooves L1 ⊠4.5mm
517	RT6	Conical (Reducer) rounded, with straight grooves 4.5mm < L1 ⊠6.5mm
519	RT8	Conical (Reducer) rounded, with straight grooves 7.5mm < L1 ⊠8.5mm
521	RT9	Conical (Reducer) rounded, with straight grooves 9.5mm < L1
536	883S	Bur, ogivo conical (Torpedo), conical, with long neck L1 ⊠2.5mm
539	883	Bur, needle-shaped, short, with long neck
540	889	Bur, needle-shaped, standard, with long neck
544	845KR	Truncated, conical with rounded edge 3.5mm < L1 ⊠5.5mm
545	846KR	Truncated, conical with rounded edge 5.5mm < L1 ⊠7.5mm
546	847KR	Truncated, conical with rounded edge 7.5mm < L1 ⊠9.5mm
552	834	Depth Cutters
697	801L	Root canal reamer type, Spherical, with long neck

FG -Dimensions

RA/CA -Dimensions