

FG MLX	FG ML	FG F	FG XF	FG UF	FG Topspin	FG* FG L	FG XL
ISO 171...016	846	016	7	200309AA	200308AA		
ISO 171...018	846	018	7	200311AA			
ISO 171...023	846	023	7	200313AA			
ISO 945...016	846R	016	6	200315AA	200314AA		
ISO 172...012	847	012	8	200324AA			
ISO 172...014	847	014	8	200327AA	200326AA	200325AA	
ISO 172...016	847	016	8	200330AA	200329AA	200328AA	
ISO 172...018	847	018	8	200333AA	200332AA		
ISO 172...025	847	025	8	200335AA			
ISO 172...028	847	028	8	200336AA			
ISO 546...016	847R	016	8	200338AA	200337AA		
ISO 546...018	847R	018	8	200760AA	200759AA		
ISO 173...012	848	012	10	200342AA			
ISO 173...014	848	014	10	200345AA	200344AA	200343AA	

FG MLX	FG ML	FG F	FG XF	FG UF	FG Topspin	FG* FG L	FG XL
ISO 173...016	848	016	10	200348AA	200347AA	200346AA	
ISO 173...018	848	018	10	200351AA	200350AA		
ISO 173...023	848	023	10	200355AA	200354AA		
ISO 173...031	848	031	10	200358AA	200357AA		
ISO 174...018	848L	018	12	200360AA			
ISO 553...016	848R	016	10	200762AA	200761AA		
ISO 196...009	849	009	4	200362AA			
ISO 196...012	849	012	4	200363AA			
ISO 196...016	849	016	4	200364AA			
ISO 196...025	849	025	4	200366AA	200365AA		
ISO 199...012	850	012	10	200372AA	200371AA		
ISO 199...014	850	014	10	200374AA	200373AA		
ISO 199...016	850	016	10	200376AA	200375AA		
ISO 199...018	850	018	10	200379AA	200378AA	200377AA	

FG MLX	FG ML	FG F	FG XF	FG UF	FG Topspin	FG* FG L	FG XL
ISO 198...018	850	018	8	200382AA	200381AA	200380AA	
ISO 199...023	850	023	10	200383AA			
ISO 200...016	850L	016	12	200387AA	200386AA		
ISO 200...018	850L	018	12	200388AA			
ISO 199...014	850N	014	10	200389AA			
ISO 219...012	851	012	8	200390AA			
ISO 219...016	851	016	8	200391AA			
ISO 164...010	852	010	6	200396AA			
ISO 164...012	852	012	6	200398AA	200397AA	200400AA	200399AA
ISO 164...014	852	014	6	200401AA			
ISO 164...016	852	016	6	200403AA	200402AA	200405AA	200404AA
ISO 164...008	853	008	3.5	200406AA	200405AA		
ISO 197...010	855	010	6	200413AA			
ISO 197...012	855	012	6	200414AA			

FG MLX	FG ML	FG F	FG XF	FG UF	FG Topspin	FG* FG L	FG XL
ISO 197...014	855	014	6	200417AA	200416AA		
ISO 197...016	855	016	6	200418AA			
ISO 198...012	856	012	8	200433AA			
ISO 198...014	856	014	8	200435AA	200434AA		
ISO 198...016	856	014	9	200437AA	200436AA		
ISO 197...016	856	016	7	200440AA	200439AA	200438AA	
ISO 198...016	856	016	8	200443AA	200442AA	200441AA	
ISO 198...016	856	016	9	200445AA		60019344	
ISO 198...018	856	018	8	200448AA	200447AA		
ISO 198...016	856	016	8	200451AA	200450AA		
ISO 165...012	858	012	8	200491AA	200490AA	200493AA	200492AA
ISO 165...014	858	014	8	200495AA	200494AA	200497AA	
ISO 165...016	858	016	8	200499AA	200498AA		
ISO 166...010	859	010	10	200503AA	200502AA	200505AA	200504AA
ISO 166...012	859	012	10	200507AA	200506AA		
ISO 166...014	859	014	9	200510AA			200930AA

FG MLX	FG ML	FG F	FG XF	FG UF	FG Topspin	FG* FG L	FG XL
ISO 199...014	856L	014	10	200462AA			
ISO 199...016	856L	016	10	200465AA	200464AA		
ISO 199...018	856L	018	11	200468AA	200467AA	200466AA	
ISO 199...018	856L	018	11	200471AA	200470AA	200469AA	
ISO 200...016	856XL	016	12	200485AA			
ISO 200...018	856XL	018	12	200486AA			
ISO 198...014	856N	014	8	200477AA	200476AA		
ISO 198...016	856N	016	8	200480AA			
ISO 165...010	858	010	8	200491AA	200490AA	200493AA	200492AA
ISO 165...012	858	012	8	200495AA	200494AA	200497AA	
ISO 165...014	858	014	8	200499AA	200498AA		
ISO 166...010	859	010	10	200503AA	200502AA	200505AA	200504AA
ISO 166...012	859	012	10	200507AA	200506AA		
ISO 166...014	859	014	9	200510AA			200930AA

FG MLX	FG ML	FG F	FG XF	FG UF	FG Topspin	FG* FG L	FG XL
ISO 166...014	859	014	10	200509AA	200508AA	200510AA	
ISO 166...016	859	016	10	200512AA			
ISO 166...018	859	018	10	200514AA	200513AA	200517AA	200516AA
ISO 166...021	859	021	10	200518AA			
ISO 166...024	859	024	10	200520AA	200519AA	200522AA	200521AA
ISO 245...012	860	012	5	200526AA	200525AA	200527AA	
ISO 248...012	860	012	6.5	200529AA			
ISO 247...014	860	014	5	200531AA	200530AA	200532AA	
ISO 249...010	862	010	8	200540AA	200539AA	200542AA	200541AA
ISO 249...012	862	012	8	200544AA	200543AA	200546AA	200545AA
ISO 249...014	862	014	8	200548AA	200547AA		
ISO 249...016	862	016	8	200551AA	200550AA	200553AA	200552AA
ISO 250...012	863	012	10	200560AA	200559AA	200562AA	200561AA
ISO 250...014	863	014	10	200564AA	200563AA		

FG MLX	FG ML	FG F	FG XF	FG UF	FG Topspin	FG* FG L	FG XL
ISO 250...016	863	016	10	200569AA	200568AA	200570AA	
ISO 251...014	864	014	12	200573AA	200572AA		
ISO 198...014	868	014	8	200575AA			
ISO 162...014	873	014	2	200577AA			
ISO 535...008	874	008	3	200921AA			
ISO 534...010	874	010	2	200580AA			
ISO 534...012	874	012	2	200583AA	200584AA		
ISO 287...010	876	010	5	200585AA			
ISO 288...010	877	010	6	200590AA	200589AA		
ISO 288...012	877	012	6	200592AA			
ISO 297...012	877K	012	6	200602AA			
ISO 297...014	877K	014	6	200604AA	200599AA	200605AA	
ISO 297...016	877K	016	6	200606AA	200605AA		
ISO 297...018	877K	018	6	200609AA	200608AA		

GUIDE PIN BURS

215606AA	ISO 508...018	856P 018 8	
215609AA	ISO 508...021	856P 021 8	
215615AA 215614AA	ISO 508...018	878KP 018 8	
215618AA 215617AA	ISO 508...021	878KP 021 8	

RA SHANK BURS

200787AA 200786AA 200788AA	ISO 206 267...014	893 014 7	
200790AA 200789AA 200791AA	ISO 206 268...014	893L 014 7	
200787AA 200780AA 200782AA	ISO 206 258...014	368 014 5	
200784AA 200783AA 200785AA	ISO 206 259...014	368L 014 5	

Z-REX BURS

FG C	ISO 001...012	ZR801 012	
FG M	ISO 001...014	ZR801 014	
60022023	ISO 001...018	ZR801 018	
60022024	ISO 001...018	ZR801 018	
60022025	ISO 001...018	ZR801 018	
60022026	ISO 199...016	ZR850 016 10	
60022027	ISO 199...018	ZR850 018 10	
60022028	ISO 198...018	ZR856 018 8	
60022029	ISO 249...014	ZR862 014 8	
60022030	ISO 250...014	ZR863 014 10	
60022031	ISO 141...014	ZR881 014 8	
60022032	ISO 141...016	ZR881 016 8	
60022022	ISO 277...023	ZR379 023 5	

8 μ GRIT BUR

60013866	ISO 250...012	860 012 10	
60013776	ISO 251...014	864 014 12	

MICRO BURS

200975AA	ISO 001...009	801M 009 0.6	
200976AA	ISO 578...007	838M 007 2.4	
200977AA	ISO 262...007	889M 007 2.4	

FG MLX FG ML FG F FG XF FG UF FG Topspin FGS* FGL* FGXL*	ISO 297...021	877K 021 6	
200611AA 200610AA	ISO 289...010	878 010 8	
200615AA 200614AA	ISO 289...012	878 012 8	
200617AA 200616AA	ISO 289...014	878 014 8	
200619AA	ISO 289...016	878 016 8	
200620AA	ISO 298...010	878K 010 8	
200631AA 200630AA	ISO 298...012	878K 012 8	
200633AA 200632AA	ISO 298...014	878K 014 8	
200635AA 200634AA	ISO 298...016	878K 016 8	
200636AA 200635AA 200634AA	ISO 298...018	878K 018 8	
200638AA 200637AA	ISO 298...021	878K 021 8	
200642AA 200641AA 200640AA	ISO 298...012	879 012 10	
200645AA 200644AA 200643AA	ISO 290...014	879 014 10	
200654AA 200653AA 200652AA	ISO 290...016	879 016 10	
200655AA 200654AA 200653AA	ISO 290...012	879 012 10	

FG MLX FG ML FG F FG XF FG UF FG Topspin FGS* FGL* FGXL*	ISO 299...012	879K 012 10	
200660AA 200667AA	ISO 299...014	879K 014 10	
200668AA 200667AA	ISO 299...016	879K 016 10	
200669AA	ISO 299...018	879K 018 10	
200671AA 200670AA 200669AA	ISO 299...021	879K 021 10	
200672AA 200671AA 200670AA	ISO 140...012	880 012 6	
200673AA 200672AA 200671AA	ISO 140...014	880 014 6	
200674AA 200673AA 200672AA	ISO 141...010	881 010 8	
200675AA 200674AA	ISO 141...012	881 012 8	
200676AA 200675AA 200674AA	ISO 141...014	881 014 8	
200677AA 200676AA 200675AA	ISO 141...016	881 016 8	
200678AA 200677AA 200676AA	ISO 142...012	882 012 10	
200679AA 200678AA 200677AA	ISO 142...014	882 014 10	
200680AA 200679AA	ISO 129...012	884 012 6	

FG MLX FG ML FG F FG XF FG UF FG Topspin FGS* FGL* FGXL*	ISO 130...012	885 012 8	
200711AA 200710AA	ISO 130...014	885 014 8	
200715AA 200714AA 200713AA	ISO 131...012	886 012 10	
200719AA 200718AA	ISO 131...014	886 014 10	
200723AA 200722AA 200721AA	ISO 131...016	886 016 10	
200724AA 200723AA 200722AA	ISO 211...018	886K 018 9.5	
200725AA 200724AA 200723AA	ISO 894...009	889 009 3.5	
200726AA 200725AA 200724AA	ISO 213...016	898 016 11	
200730AA 200729AA 200728AA	ISO 033...027	899 027 7	
200731AA 200730AA 200729AA	ISO 017...023	905 023 2.7	
200732AA 200731AA 200730AA	ISO 017...027	905 027 2.9	
200733AA 200732AA 200731AA	ISO 017...031	905 031 3.1	
200734AA 200733AA 200732AA	ISO 068...040	909 040 1.5	
200735AA 200734AA 200733AA	ISO 068...045	909 045 1.5	

FG MLX FG ML FG F FG XF FG UF FG Topspin FGS* FGL* FGXL*	ISO 068...055	909 055 2	
200757AA 200756AA	ISO 257...016	368 016 3.5	
20005AAA 20004AAA 20007AAA 20006AAA	ISO 257...018	368 018 4	
20009AAA	ISO 257...020	368 020 5	
200011AA 200010AA 200013AA 200012AA	ISO 257...023	368 023 5	
200016AA 200015AA 200014AA 200018AA 200017AA	ISO 277...014	379 014 3	
200025AA 200024AA 200026AA	ISO 277...016	379 016 3.5	
200030AA 200029AA 200031AA	ISO 277...018	379 018 3.5	
200033AA	ISO 277...023	379 023 4.2	
200036AA 200035AA 200034AA	ISO 277...023	379 023 5	
200039AA 200038AA 200037AA 200041AA 200040AA 200050AA	ISO 270...014	390 014 3	
200044AA 200043AA 200046AA 200045AA	ISO 465...016	392 016 6	
200048AA 200047AA	ISO 465...016	392 016 8	
200051AA 200050AA	ISO 465...018	392 018 8	
200053AA 200052AA	ISO 465...018	392 018 8	

FG MLX FG ML FG F FG XF FG UF FG Topspin FGS* FGL* FGXL*	ISO 465...021	392 021 10	
200056AA	ISO 6051...018	6051 018 6	
200059AA 200058AA	ISO 6052...018	6052 018 8	
200061AA 200060AA	ISO 6053...018	6053 018 10	
200063AA 200062AA	ISO 6054...018	6054 018 6	
200065AA 200064AA	ISO 6055...018	6055 018 8	
200069AA 200068AA	ISO 6056...018	6056 018 10	
200071AA 200070AA	ISO 001...009	801M 009 0.6	
200073AA 200072AA	ISO 578...007	838M 007 2.4	
200075AA 200074AA	ISO 262...007	889M 007 2.4	

** 1pc/unit

Order information

ISO number (shape, variable grit size, diameter) →

Head shape
Head diameter in 1/10 mm
Head length

Grit sizes:

MLX	■	150 μm*	C	■	105-149 μm
ML	■	105 μm*	M	■	88-105 μm
F	■	40 μm*			
XF	■	25 μm*			
UF	□	15 μm*			
UF	■	8 μm*			
Topspin		150 μm*			

Head shape		856
ISO Ø 1/10 mm	016	
Head L in mm		8
FG MLX	FG ML	200443AA
FG F	FG XF	200442AA
FG UF	FG UF	200441AA
FG Topspin		205049AA
FGS*		x
FGL*		
FGXL*		

ISO 198...016

Full size illustration 1:1

Order numbers in respective grit (FG Shank)

Further shank types available

* Average value

Head shapes

No.	Description	No.	Description	No.	Description
801	Round	849	Round End Taper	882	Round End Cylinder
802	Round with Collar	850	Round End Taper	884	Beveled Cylinder
805	Inverted Cone	850L	Round End Taper Long	885	Beveled Cylinder
806	Inverted Cone with Collar	850N	Round End Taper Narrow	886	Beveled Cylinder
807	Inverted Cone	851	Round End Taper with Safe End	886K	Beveled Taper
811	Occlusal Reduction/Barrel	852	Needle	889	Flame
813	Diabolo	853	Needle	893	Round End Taper
818	Wheel	855	Round End Taper	893L	Round End Taper Long
828	Wheel	856	Round End Taper	898	Tapered Torpedo
830	Pear	856L	Round End Taper Long	899	Occlusal Reduction
830L	Pear Long	856XL	Round End Taper Extra Long	905	Acorn
834	Depth Marker	856N	Round End Taper Long Narrow	909	Wheel
835	Cylinder	858	Needle	368	Bud
835R	Rounded Edge Cylinder	859	Needle	368L	Bud Long
836	Cylinder	860	Flame	379	Egg
836R	Rounded Edge Cylinder	862	Flame	390	Grenade
837	Cylinder	863	Flame	392	Interproximal
837R	Rounded Edge Cylinder	864	Flame	6051	Cylinder
838	Round End Cylinder	868	Round End Taper	6052	Cylinder
839	End Cutting Cylinder	873	Pointed End Taper	6053	Cylinder
842	Cylinder	874	Torpedo	6054	Taper
845	Flat End Taper	876	Torpedo	6055	Taper
845R	Rounded Edge Taper	877	Torpedo	6056	Taper
846	Flat End Taper	877K	Tapered Torpedo	801M	Round
846R	Rounded Edge Taper	878	Torpedo	838M	Round End Cylinder
847	Flat End Taper	878K	Tapered Torpedo	889M	Flame
847R	Rounded Edge Taper	879	Torpedo	856P	Round End Taper with Pin
848	Flat End Taper	879K	Tapered Torpedo	878KP	Tapered Torpedo with Pin
848L	Flat End Taper Long	880	Round End Cylinder		
848R	Rounded Edge Taper	881	Round End Cylinder		

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		

Recommended Speed Ranges Z-Rex

Head diameter in 1/10 mm	RPM	Head diameter in 1/10 mm	RPM
012	160.000-300.000	018	105.000-210.000
014	135.000-275.000	023	85.000-165.000
016	120.000-240.000		

FGS Short Shank (ISO 313)

Head Shape	ISO Ø 1/10 mm	Head L in mm	Grit	REF	Head Shape	ISO Ø 1/10 mm	Head L in mm	Grit	REF	Head Shape	ISO Ø 1/10 mm	Head L in mm	Grit	REF
801	010		ML	200072AA	855	010	6	ML	200409AA	878K	010	8	ML	200621AA
801	014		ML	200074AA	855	014	6	ML	200411AA	878K	012	8	ML	200622AA
801	018		ML	200076AA	855	016	6	ML	200412AA	878K	014	8	ML	200623AA
805	012	0.9	ML	200110AA	856	016	8	ML	200423AA	878K	016	8	ML	200625AA
830	010	2.7	ML	200154AA	856	016	9	ML	200425AA	878K	018	8	ML	200627AA
835	008	3	ML	200192AA	856	018	8	ML	200427AA	880	012	6	ML	200676AA
835	010	4	ML	200194AA	856	025	7	ML	200432AA	880	014	6	MLX	200678AA
835	012	4	ML	200195AA	858	012	8	ML	200487AA	881	010	8	ML	200685AA
835R	010	4	ML	200213AA	858	014	8	ML	200488AA	881	014	8	ML	200687AA
836R	012	6	ML	200234AA	862	010	8	ML	200534AA	881	016	8	ML	200689AA
845	010	4	ML	200285AA	877	010	6	ML	200586AA	368	023	5	ML	200002AA
845	012	4	ML	200286AA	878	012	8	ML	200613AA	379	023	5	ML	200022AA
846	016	7	ML	200300AA										
846	023	7	ML	200303AA										
847	014	8	ML	200317AA										

FGL Shank (ISO 315)

Head Shape	ISO Ø 1/10 mm	Head L in mm	Grit	REF
801	014		ML	200808AA
801	016		MLX	200758AA

FGXL Shank (ISO 316)

Head Shape	ISO Ø 1/10 mm	Head L in mm	Grit	REF	Head Shape	ISO Ø 1/10 mm	Head L in mm	Grit	REF
801	009		F	200792AA	801	018		MLX	200985AA
801	012		MLX	200979AA	801	018		ML	200984AA
801	012		ML	200978AA	801	020		MLX	200987AA
801	014		MLX	200981AA	801	020		ML	200986AA
801	014		ML	200980AA	830L	010	4	F	200793AA
801	016		MLX	200983AA	889	009	3.5	F	200794AA
801	016		ML	200982AA					

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