

World's First Handpiece Upgrade

Improve the Performance of your Handpiece

The ProDrive System's patented, triangular bur shank enables the turbine to lock the bur into place resulting in greater concentricity, providing superior torque transfer, smoother handpiece operation, and improved overall control.

Faster Cutting

Engineering tests prove that the superior grip of the ProDrive System improves cut speed versus original manufacturer handpieces.

Superior Control & Improved Precision

Experience superior margin integrity, cut definition and noticeably smoother cutting with reduced vibration and chatter for all procedures. The exclusive bur lengthening feature allows safe extension by 3mm, providing smooth and high precision cuts in difficult to reach areas.

Patient Benefits

ProDrive's superior concentricity reduces heat and vibration while cutting, helping to reduce tooth trauma and postoperative discomfort.

Durable High Performance

Reliable and consistent high performance throughout the life of the turbine.



High-Speed Handpieces

ProDrive Standard and Mini High-Speed Handpieces

- Integrated patented ProDrive turbine
- Faster cutting, superior control and improved precision
- Durable high performance
- Ergonomic design
- Titanium-plated casing
- Click & Go coupler
- Low dBa
- Push-button autochuck
- Sterilization-resistant glass rod fiber optics
- 3-port spray



ProDrive Standard High-Speed Handpiece
Medium size head (11.4mm).
Operating speed: 400,000 rpm.
Each..... 043-6303



ProDrive Mini High-Speed Handpiece
Small size head (10.2mm).
Operating speed: 420,000 rpm.
Each..... 043-6311

Quick Couplings



ProDrive 6-Pin Coupler
Each..... 043-6337



ProDrive 5-Pin Coupler
Each..... 043-6329

ProDrive Warranty: ProDrive Systems Inc. warrants high-speed air driven handpiece products & upgrade turbines against defective materials and workmanship for a period of one year.

Upgrade Turbines

Improve the Performance of your Existing Handpiece

Designed as a turbine upgrade for your current handpiece, the ProDrive System is the first turbine and bur locking system proven to improve the performance of your high-speed handpieces.



StarDental®

Star 430 and Solara Series includes back cap
Each.....part # 601-0003
Star 430 and Solara Series Premium (Ceramic) includes back cap
Each.....part # 601-0128

Kavo®

635B Mira LUX3 includes back cap
Each.....part # 601-0037
632/633/639/642 includes back cap
Each.....part # 601-0045
643/645B includes back cap
Each.....part # 601-0052
SUPERtorque 630 includes back cap
Each.....part # 601-0086
SUPERtorque 640 includes back cap
Each.....part # 601-0094
SUPERtorque 647/649 includes back cap
Each.....part # 601-0102

Midwest®

Tradition Lever includes back cap
Each.....part # 601-0011
Tradition Push Button/XGT includes back cap
Each.....part # 601-0029
Quiet-Air Lever includes back cap
Each.....part # 601-0078
Stylus includes back cap
Each.....part #

ProDrive/Sirona®

ProDrive & T2 Racer Standard includes back cap
Each.....part # 601-0060
ProDrive & T2 Racer Mini includes back cap
Each.....part # 601-0110

W&H®

Synea TA-96 includes back cap
Each.....part # 601-0912



Locking Turbine & Bur System Provides Improved Handpiece Performance



3mm of safe bur extension

Improved precision and accessibility in difficult to reach areas.

Improve the Performance of your Handpiece

The ProDrive System's patented, triangular bur shank enables the turbine to lock the bur into place resulting in greater concentricity, providing superior torque transfer, smoother handpiece operation, and improved overall control.

Bur Lengthening Feature

The double grooves on the ProDrive bur shank enable safe bur lengthening resulting in improved access and versatility. The locking mechanism ensures bur retention in either standard or lengthened mode for better cut quality and accuracy.

Always use ProDrive Burs with ProDrive Upgrade Turbines or Handpieces

ProDrive Upgrade Turbines & ProDrive Handpieces will only accommodate ProDrive Burs.



The patented ProDrive System improves handpiece performance through its triangular shaped bur that securely locks into the ProDrive Turbine. Unlike traditional friction grip, ProDrive Burs lock into the ProDrive Turbine providing a noticeable improvement in cut performance.



Bur Lengthening Feature

The double grooves on the ProDrive bur shaft enable safe bur lengthening resulting in improved access and versatility. The locking mechanism ensures bur retention in either standard or lengthened mode for better cut quality and accuracy.

CARBIDE BURS (5/PKG.)

Operative (5/Pkg.)	\$9.95
Operative (100/Pkg.) Master #: 6009203*	\$178
Surgical Length (5/Pkg.)	\$18.15
TRIMMING & FINISHING (5/PKG.)	
12-Flute Regular	\$43.15
20-Flute Extrafine (EF)	\$49.40
30-Flute Ultrafine (UF)	\$49.40
SPECIALTY BURS (5/PKG.)	\$43.15

* Contact Patterson for specific model numbers

CARBIDE BURS | OPERATIVE, SURGICAL LENGTH (SU), SHORT SHANK (SS) (Sold in packs of 5)



Round						Inverted Cone				Long Inv. Cone	Cylinder - No X-Cut			
MFG. No.	1/4	1/2	2	4	6	8	34	35	36	37	37L	56	57	58
PD	600-0715	600-1010	600-1143	600-1267	600-1366	600-1424	600-1200	600-1218	600-1234	600-1242	600-1259	600-1333	600-1341	600-1358
SU			600-2034	600-2042	600-2075	600-2141								
SS								600-1226						

Tapered Cylinder - No X-Cut						Pear	Pear				Cylinder - With X-Cut			
MFG. No.	169	170	171	169L	170L	171L	245	329	330	331	332	556	557	558
PD	600-1085	600-1101	600-1127	600-1093	600-1119	600-1135	600-1432	600-1150	600-1168	600-1184	600-1192	600-1275	600-1291	600-1317
SU													600-2059	600-2067
SS							600-1440		600-1176	600-0731		600-1283	600-1309	600-1325

Tapered Cylinder - With X-Cut						Long End Cutting	Rnd Top Cylinder - No X-Cut			Rnd Top Cylinder - With X-Cut					
MFG. No.	699	700	701	702	703	700L	701L	957L	1156	1157	1158	1556	1557	1558	1702
PD	600-1374	600-1382	600-1390	600-1408	600-1416			600-2158	600-1028	600-1036	600-1044	600-1051	600-1069	600-1077	600-1457
SU		600-2087	600-2109	600-2125	600-2133	600-2091	600-2117								600-2026
SS													600-0723		

CARBIDE BURS | TRIMMING & FINISHING (Sold in packs of 5)



Round				Pointed Bullet		Egg Shape - Mod. Football			Egg Shape W/ Blunt Point			Blunted Bullet		Needle			3mm Short		
Mfg. No.	7002	7004	7006	7008	7104	7106	44E	44E	44E	7404	7406	7408	7801	7802	7901	7902	7903	ET3	
12-Flute	600-2612	600-2620	600-2638	600-2646	600-2653	600-2661	600-2547	600-2554	600-2562	600-2679	600-2687	600-2695	600-2711	600-2729	600-2737	600-2745	600-2752		600-2760
20-Flute(EF)										600-3016	600-3065	600-2885							600-3024
30-Flute(UF)										600-9823	600-9831	600-9849							600-9856

4mm Short	6mm Short	9mm Short	Neumeayer - Rnd End Flame Fin.			Rnd Edge Cylinder		Flame Spiral		Mod. Shoulder	Rnd Edge Tapered	Mod. Chamfer - Bevel Tip			
Mfg. No.	ET4	ET6	ET9	274	274	274	49LKR	49LKR	48L	48L	212LR	212KR	244K	244K	245K
12-Flute	600-2778	600-2786	600-2794	600-2463	600-2471	600-2489	600-2596	600-2604	600-2570	600-2588	600-2422	600-2414	600-2430	600-2448	600-2455
20-Flute(EF)	600-3032	600-3040	600-3057												
30-Flute(UF)	600-9864	600-9872	600-9880			600-9815									

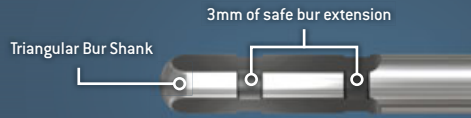
Chamfer Finishing			Rnd Top Cylinder	Pear (Metal Cutting)		Amalgam Removal	Metal & Ceramic Removal	
Mfg. No.	375R	375R	375R	1958	1931	1932	31A	31C
12-Flute	600-2513	600-2521	600-2539	600-2406	600-2380	600-2398	600-2497	600-2505
20-Flute(EF)								
30-Flute(UF)								

Carbide Finishing Burs

 Without Ring 8 - 12 blades	 Yellow Ring 16 - 20 blades	 White Ring 30 blades
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The patented ProDrive System improves handpiece performance through its triangular shaped bur that securely locks into the ProDrive Turbine. Unlike traditional friction grip, ProDrive Burs lock into the ProDrive Turbine providing a noticeable improvement in cut performance.



Bur Lengthening Feature

The double grooves on the ProDrive bur shaft enable safe bur lengthening resulting in improved access and versatility. The locking mechanism ensures bur retention in either standard or lengthened mode for better cut quality and accuracy.

DIAMOND BURS (5/PKG.)	
Coarse, medium, fine, extra-fine	\$49.95
Ultrafine, super-coarse	\$56.20
828 Series Occlusal Reduction	\$62.45


Pointed Football											Round End Football				Cardia			Interproximal	
Mfg. No.	368	368	368		379	379	379	379	379	379	379L	Mfg. No.	389	389		392			
Size 1/10mm	016	018	023		014	016	016	018	018	023	018	Size 1/10mm	012	014		016			
Length (mm)	4.5	4.5	5		2.8	3.4	3.5	3.5	4.2	4	4.2L	Length (mm)	8	8		5			
UF	○	600-7546		600-7553	○	600-7603					600-7611	CD	○	600-2364	600-2372	○			
EF	●	600-3586	600-3594	600-3602	●	600-3727	600-3735		600-3743		600-3750	EF	●			●	600-3818		
F	●	600-3610	600-3628	600-3636	●	600-3768		600-3776	600-3784		600-6464	F	●			●	600-3826		
M	●	600-3529	600-3537	600-3545	●	600-3644		600-3651	600-3669		600-3677	M	●			●			
C	●	600-3552	600-3560	600-3578	●	600-3685		600-3693	600-3701		600-3719	C	●			●			
SC	●	600-7512	600-7520	600-7538	●	600-7561	600-7579			600-7587	600-7595	SC	●			●			

Round Edge Cylinder										Inverted Cone				Inverted Cone		Barrel		Long Barrel			
Mfg. No.	801	801	801	801	801	801	801	801	801		805	805	805	805		807	807		811		811L
Size 1/10mm	010	012	014	016	018	021	023	025	029		012	014	016	018		016	018		033		037
Length (mm)											1.5	1.5	1.5	2.3		4	5		4		7
UF	○										○					○			○		○
EF	●			600-3966		600-3974		600-3982			●					●			●		●
F	●			600-3990	600-4006	600-4014		600-4022			●					●			●		●
M	●	600-3834	600-3842	600-3859	600-3867	600-3875		600-3883	600-3891	600-6456	●	600-4030	600-4048	600-4055	600-4063	●	600-4113	600-4121	●	600-4154	●
C	●		600-3909	600-3917	600-3925	600-3933	600-3941	600-3958			●	600-4071	600-4089	600-4097	600-4105	●	600-4139	600-4147	●	600-4162	●
SC	●			600-7629	600-7637	600-7645		600-7652			●					●	600-7678		●		600-9112


Interproximal		Occlusal Reduction								Anatomy		Pear		Depth Cutter			Cylinder					
Mfg. No.	820	820		828	828	828	828	828	828		829		830	830		834	834	834		835	835	835
Size 1/10mm	014	031		017	017	017	017	017	017		027		010	012		016	018	021		010	012	014
Length (mm)	4	5		010	015	018	020	022	024		2.1		2.7	2.7		6	6	6		3.5	3.5	3.5
UF	○			W	○	600-9096					○		○			○				○		
EF	●	600-4170	600-4188	G	●	600-9062					●		●			●				●		
F	●		600-4196	O	●	600-9070					●		●			●				●		
M	●			Y	●			600-9104			●	600-4204	600-4212	600-4220	●	600-7694	600-7702	600-7710	●	600-4253*	600-4279*	600-4295
C	●			B	●			600-9054			●	600-4238	600-4246		●				●	600-4303	600-4311	600-4329
SC	●			R	●			600-9088			●				●				●	600-7728	600-7736	600-7744

Long Cylinder		End Cutting Straight Cylinder			Rnd Edge Cylinder	End Cutting	Rnd Edge Med Flat Taper			Rnd Edge Taper	Flat End Tapered Cylinder		Rnd Edge Cylinder								
Mfg. No.	837	837		839	839	839		841	10839		845R	845R	845R		845KR		846		846R	846R	
Size 1/10mm	012	014		012	014	016		012	012		016	018	021		025		016		016	018	
Length (mm)	6	6		0.2	0.2	0.2		6	0.2		4	4	4		4		6		6	8	
UF	○			○				○			○				○		○		○		
EF	●			●				●			●				●		●		●		
F	●			●				●			●				●		●		●		
M	●	600-4337	600-4345	●	600-4378	600-4394	600-4386	●	600-4402	600-3511	●	600-4444	600-4451	600-4469	●	600-4428	●	600-4477	●	600-4493	600-4501
C	●	600-4352	600-4360	●				●	600-4410		●				●		●	600-4485	●	600-4519	600-4527
SC	●			●				●	600-7751		●				●		●		●	600-0474	600-0466


DIAMOND BURS (5/PKG.)	
Coarse, medium, fine, extra-fine	\$49.95
Ultrafine, super-coarse	\$56.20




Flat End Tapered Cylinder	Long Flat End Taper					Rnd Edge Flat End Taper		X-Long Flat End Taper		Rnd End Taper	Long Rnd End Chamfer				Safe End Rnd End Taper								
Mfg. No.	846 KR	847	847	847	847	847KR	847KR	848	848	848R	850	850	850	850	851L	851L	851L						
Size 1/10mm	023	012	014	016	018	016	018	016	018	016	012	014	016	018	012	016	018						
Length (mm)	3.5	8	8	8	8	8	8	10	10	10	10	10	10	10	8	8	8						
UF	○	○				○		○		○	○				○								
EF	●	●				●		●		●	●				●								
F	●			600-4626	600-4634	●	600-4683	600-4691	●	●	●	600-4840	600-4857	600-4865	●								
M	●	●	600-4535	600-4543	600-4550	600-4568	●	600-4642	600-4659	●	600-4709	600-4717	●	600-4741	●	600-4758	600-4766	600-4774	600-4782	●	600-4873	600-4881	600-4899
C	●	●	600-4576	600-4584*	600-4600	600-4618	●	600-4667	600-4675	●	600-4725	600-4733	●	●	●	600-4790	600-4808	600-4816*	600-4832	●			
SC	●	●	600-7785*	600-7801*	600-7827	●	600-7769	600-7777	●	600-7835	600-7843	●	●	●	600-7850	600-7868	600-7876	●					



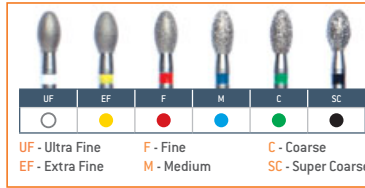
Long X-Coarse	Short Round End Chamfer					Round End Chamfer					Needle		Long Needle									
Mfg. No.	852	855	855	855	855	856	856	856	856	856	856	858	858	859	859	859	859L	859L	859L			
Size 1/10mm	018	012	016	018	025	012	014	016	018	021	025	014	016	010	012	014	010	012	014			
Length (mm)	10	4	6	6	7	8	8	8	8	8	8	8	8	10	10	10	12L	12L	12L			
UF	○	○				○						○	600-8031	○								
EF	●	●				●						●	600-5243	●				600-5342				
F	●	●	600-4980			●	600-5144	600-5151	600-5169	600-5177	600-5185	●	600-5250	●	600-5300	600-5318		600-5359	600-5367	600-5375		
M	●	●	600-4907	600-4915	600-4923	600-4931	●	600-4998	600-5003	600-5011	600-5029	600-5037	600-5045	●	600-5193	600-5201	●	600-5268	600-5276	600-5284	600-5326	600-5334
C	●	●	600-4949	600-4956	600-4964	600-4972	●	600-5052	600-5060*	600-5086*	600-5102*	600-5128	600-5136	●	600-5219*	600-5235	●			600-5292		
SC	●	600-7892	●	600-7900	600-7918	600-7926	●	600-7959	600-7967	600-7975*	600-7991	600-8007	600-8015	●	600-8023	●						



Short Flame	Flame	Long Flame				Curretage				Curretage		Hourglass								
Mfg. No.	861	862	862	862	862	863	868	868	868	868	869	869	870	870	870	870				
Size 1/10mm	012	010	012	014	016	012	012	014	016	016	014	016	012	014	016	018				
Length (mm)	4	8	8	8	8	10	8	8	8	10	10	10	1.5	1.5	1.7	2				
UF	○	○				○					○		○							
EF	●	●	600-5516	600-5524		●					●		●							
F	●	●	600-5532	600-5540	600-5557	600-5565	●	600-5599	●		600-5698	●	●							
M	●	●	600-5383	600-5417	600-5425	600-5433	600-5441	●	600-5573	●	600-5607	600-5615	600-5623	●	600-5664	●	600-5706	600-5714	600-5722	600-5730
C	●	●	600-5391	600-5458	600-5466*	600-5482*	600-5508	●	600-5581	●	600-5631	600-5649	600-5656	●	600-5672	600-5680	●	600-5748	600-5755	
SC	●	600-8049	●	600-8056	600-8064	●				●	600-8072	600-8080	600-8098	●	600-8106	●				



Curretage	Curretage/Bevel Tip				Long Curretage/Bevel Tip				Round End Cylinder			Rnd End Cylinder										
Mfg. No.	877	877	877	878K	878K	878K	878K	878K	879K	879K	879K	879K	881	881	881	882	882					
Size 1/10mm	014	016	018	012	014	016	018	021	012	014	016	018	012	014	016	012	014					
Length (mm)	6.5	6.5	6.5	8	8	8	8	8	10	10	10	10	8	8	8	10	10					
UF	○			○					○				○			○						
EF	●			●					●				●			●						
F	●			●	600-5920	600-5938	600-5946	600-5953	600-5961	●		600-6043	600-6050	600-6068	●	●						
M	●	600-5763	600-5771	600-5789	●	600-5821	600-5839	600-5847	600-5854	600-5862	●	600-5979	600-5987	600-5995	600-6001	●	600-6076	600-6084	600-6092	●	600-6126	600-6134
C	●	600-5797	600-5805	600-5813	●	600-5870	600-5888	600-5896	600-5904	600-5912	●	600-6019	600-6027	600-6035	●	600-6100	600-6118		●			
SC	●		600-8114	600-8122	●	600-8130	600-8148	600-8155	600-8163	●		600-8171	●			600-8205*	●					



DIAMOND BURS (5/PKG.)	
Coarse, medium, fine, extra-fine	\$49.95
Ultrafine, super-coarse	\$56.20
Spirals	\$50.95
508, 509 Specialty Diamonds	\$56.20

	Rnd End Cylinder			Bevel Tip Cylinder	Flame	Short Bevel	Long Flame	Rnd Edge	Rounded Barrel			Depth Cutter			Wheel	KS Series					
Mfg. No.	883	883	885	888	889L	895L	897R		899	899	899	908	908	908	909	K50	K51	K52	K53	K54	
Size 1/10mm	012	016	012	012	009	018	018		021	027	031	028	032	036	040	010	012	014	016	024	
Length (mm)	7	8	8	8	3.5	6.5	6		6	6	6	1.5	1.5	1.5	1.8	8	8	8	8	4.2	
UF	○								○			○			○	○					
EF	●								●			●			●	●					
F	●				600-6167		600-6183		600-6225			●			●	●					
M	●				600-6142	600-6175		600-6191	600-6217	600-6233	600-6241	600-6258	600-6254	600-8262	600-8270	600-6290	600-6399				
C	●				600-6159			600-6209		600-6266	600-6274	600-6282	600-6266	600-6274	600-6282	600-6308				600-6407	
SC	●	600-8213	600-8221	600-8239				600-8247		●		●			●	600-8288	●		600-8320	600-8338	600-8346

	Short Bevel		Needle/X-mas Tree	Small Bullet		
Mfg. No.	DET3	DET4	DET6	DET9	OS2	OS3
Size 1/10mm	008	010	014	014	009	007
Length (mm)	4	4	6	10	3	3
UF	○	○	○	○	○	○
EF	●	600-6316	600-6332	600-6357	600-6373	600-6415
F	●	600-6324	600-6340	600-6365	600-6381	600-6423
SC	●	600-6316	600-6332	600-6357	600-6373	600-6415

	Micro-Diamond							
Mfg. No.	M801	M833	M838	M880	M889	M890	M895	M896
Size 1/10mm	007	009	007	007	007	008	007	007
Length (mm)	0.7	1.1	2.1	3.6	2.1	3.6	2.1	3.6
M	●	600-8353	600-8361	600-8379	601-0664	601-0672	601-0680	600-0698

DIAMOND BURS | SPIRALS

	Pointed Foot-ball Spiral	Spiral	Flat End Taper	Rnd Edge Flat End	Long Chamfer	Short Chamfer Spiral	Chamfer Spiral	Curretage Spiral	KS Series/Rnd End Cylinder Spiral							
Mfg. No.	830P	837P	847P	847RP	852P	855P	855P	856P	878KP	878KP	880P	880P	880P			
Size 1/10mm	023	014	018	018	018	021	023	018	021	025	016	018	012			
Length (mm)	4.5	8	8	8	10	7.5	7.5	8.5	8.5	8.5	8	8	6			
M	●	●	●	●	●	●	●	●	●	●	●	●	●			
C	●	●	●	●	●	●	●	●	●	●	●	●	●			
SC	●	600-7686	600-8510	600-8536	600-8544	600-7884	600-8585	600-8593	601-0268	601-0276	600-8627	600-8635	600-8643	600-8650	600-8668	600-8676

DIAMOND BURS | SHORT SHANK

	Guided Diamond	Depth Limiting Red. Camfer	Cylinder	Flat End Tapered Cylinder	Long Rnd End Chamfer	Round End Chamfer	Needle	Flame	Round End Cylinder						
Mfg. No.	508	508	835	835	847	847	850	856	856	856	856	858	862	862	881
Size 1/10mm	016	020	010	012	014	016	016	014	016	018	014	014	012	014	016
Length (mm)	7.5	7.5	3.5	3.5	8	8	10	8	8	8	8	8	8	8	8
CD	○		○		○		○								
EF	●		●		●		●								
F	●	600-9039	600-9047	●	600-9146	600-9153	●								
M	●			●	600-4261*	600-4287*	●								
C	●	600-9013	600-9021	●	600-4592*		●	600-4824*	600-5078*	600-5094*	600-5110*	●	600-5227*	600-5474	600-5490
SC	●			●	600-7793*	600-7819*	●	600-7983*				●			600-8205



ProDrive Bur Block
600-3495 – Each \$36.50