

FEATURE	ADVANTAGES	Sapphire Modern Orthodontics	Gemini 3M	Mini Master series American Orthodontics	The Elite Ortho Organizers	Mini Diamond Ormco
Two piece bracket system	Better bonding and surface finish compared to one piece brackets	✓	✓	✓	✗	✓
80 Gauge mesh pad	Time tested and proven	✓	✓	✓	✗	✓
Compound contoured mesh base	Replicates bonding surface contour for minimum adhesive thickness zero rocking and maximum bonding strength	✓	✓	✓	✓	✓
Diagonal mesh pad	Gives additional bonding strength	✓	✓	✓	✗	✗
Metal injection molded (MIM) upper part	For intricate design in which hooks and all features can be built in	✓	✓	✗	✓	✓
Permanent ID marks	Easy permanent identification of brackets even after color marking goes off	✓	✓	✓	✓	✓
Beveled tie wings	Reduced metal looks from front without sacrificing the strength. A 1.2 MM wide wing appears just 0.6 MM wide from front due to bevel but slot strength remains same	✓	✗	✓	✗	✗
Large tie wing design	Double tying is not a problem due to large inner dia of wing tying area	✓	✓	✓	✓	✗
<b>SecureLok</b> hooks	Offer more undercut area due to thinnest hook stem design and eliminates chances of chains and accessories slipping out in between patient appointments	✓	✗	✗	✗	✗
High gingival tie wings	For better positioning on partly erupted bicuspids due to gingival tissue avoidance. Better hygiene and easier ligation	✓	✓	✓	✗	✗
CNC milled slot	For most accurate dimensions slot is CNC milled as a separate step during manufacturing	✓	✗	✓	✗	✓
<b>ZeroF</b> Ultra low friction slot	Advanced polishing process that creates mirror shine, ultra low friction slot by removing surface high peaks at molecular level	✓	✗	✗	✗	✗
Torque in base design	For less occlusal interference & level slot line up	✓	✓	✓	✓	✓
Palladium alloy braze	Gives strong brazed joint and prevents any electrolytic corrosion of joint which can cause braze failure during use	✓	✓	✓	✗	✓
Low profile design	Maximum comfort and minimum occlusal interferences	✓	✗	✓	✓	✓
Perfect square slot having exact right angle corners	Better expression of torquing forces and full seating of full size rectangular wires to get maximum benefit of in-out dimensions built into the bracket design	✓	✗	✓	✗	✓
17-4 low nickel alloy	Strongest bracket strength in minimum cross sections helps in designing a small bracket in all dimensions	✓	✓	✗	✓	✓