

# Hummingbird Master

Low-friction Passive Self-locking Bracket



Precise data ensures efficient force expression, maximizing treatment effectiveness

## Product Overview



Diamond ▶ ◀ Standard



### TS technique + Precision processing provides significant Low Friction

- Rounded edge design greatly improves patient's comfort
- Imported 17-4 stainless steel and Mirror MIM mold achieves very smooth surface
- Vertical scribe line design easy for bracket positioning
- TS technique + Precision processing provides significant Low Friction
- Precise slot sizes and data ensures better rotation control and efficient tooth movement

- Patented Lock system  
Easy open and close, safe and reliable
- 80 gauge compound contoured sand blasted mesh base provides a precise fit and improved bonding strength
- Double Vertical Auxiliary Holes for greater versatility
- Horizontal Auxiliary Hole 16X16  
To facilitate the use of segmental bow and double archwire techniques
- Large underwing space easy for ligations
- Laser mark teeth number on mesh base for easy identification

Precise data ensures efficient force expression, maximizing treatment effectiveness



Upper jaw	Central Incisor (U1) Torque angle/ axial tilt	Lateral Incisor (U2) Torque angle/ axial tilt	Canine tooth (U3) Torque angle/ axial tilt	Bicuspid (U4) Torque angle/ axial tilt	Bicuspid (U5) Torque angle/ axial tilt	Lower jaw	Central Incisor (L1) Torque angle/ axial tilt	Lateral Incisor (L2) Torque angle/ axial tilt	Canine tooth (L3) Torque angle/ axial tilt	First bicuspids (L4) Torque angle/ axial tilt	Second bicuspids (L5) Torque angle/ axial tilt
High torque	22°/5°	13°/9°	11°/5°	-11°/2°	-11°/2°	High torque	-2°/0°	-2°/0°	13°/5°	-5°/2°	-17°/2°
Standard torque	12°/5°	8°/9°	7°/5°	-11°/2°	-11°/2°	Standard torque	-6°/0°	-6°/0°	7°/5°	-12°/2°	-17°/2°
Low torque	2°/5°	-5°/9°	-9°/5°	-11°/2°	-11°/2°	Low torque	-11°/0°	-11°/0°	0°/5°	-12°/2°	-17°/2°
Roth	12°/5°	8°/9°	-2°/11°	-7°/0°	-7°/0°	Roth	-1°/0°	-1°/0°	-11°/5°	-17°/0°	-22°/0°
MBT	17°/4°	10°/8°	0°/8°	-7°/0°	-7°/0°	MBT	-6°/0°	-6°/0°	0°/3°	-12°/2°	-17°/2°