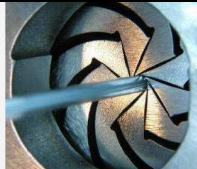
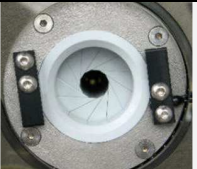

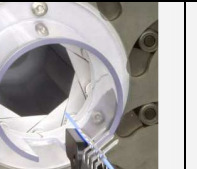




Selection Guide for Blockwise Crimping Mechanisms

Mechanism Type	J-Crimp™	Zero-G™	Twin-Cam™	Large Twin-Cam™	High Force Twin-Cam™	M1
						
Die Material	Hardened Stainless Steel	Ertalyte TX (PET with fluoropolymer lubricant)	Hardened Stainless Steel	Hardened Stainless Steel Or Ertalyte TX	Hardened Stainless Steel	Acetal Copolymer
Diameter Range	0 – 16 mm	0 – 31 mm	0 – 30 mm	0 – 60 mm	0 – 60 mm	0 – 25 mm
Lengths Available*	62 – 124 mm	62 – 300 mm	62 – 310 mm	62 – 310 mm	124 – 200 mm	38 mm
Gapping Between Dies	Very Small (~0.05 mm)	Zero	Very Small (~0.07 mm)	Very Small (~0.1 mm)	Very Small (~0.1 mm)	Zero
Max Radial Force	1350 N	1200 N	1900 N	1450 N	20000 N	230 N
Available As Part of a General-Purpose Stent Crimping Machine?	Yes	Yes	Yes	Yes	Yes	Yes
Balloon pressure & vacuum available on crimping machine?	Yes	Yes	Yes	Yes	Yes	No
Heating available?	Yes	No	Yes	Yes	Yes	No
Bearing Type**	Ball Bearings	Ball Bearings	Ball Bearings	Ball Bearings	Ball Bearings	Plain Bearing
Available As Part of a Self-Expanding Stent Loading Machine?	No	Yes	Yes	Yes	Yes	No

*Custom lengths are also available.

**Bearing type refers to the bearings that are used to constrain and drive the dies.

Other selection advice:

- If the stent or product has a fragile surface or coating that may be damaged by pressure from steel dies, and if a sheath is not used, then choose Zero-G or M1
- Both Zero-G and M1 have plastic dies, but M1 is far less expensive. Choose M1 if the M1's size (25 mm x 38 mm) is big enough and if the process doesn't require large compression forces or balloon pressurization/evacuation. (Primary crimping of balloon-expandable stents normally requires higher forces than M1 can provide.)