

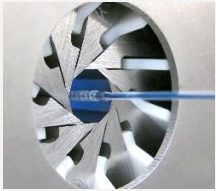
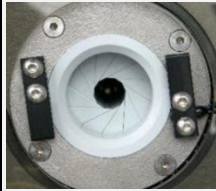

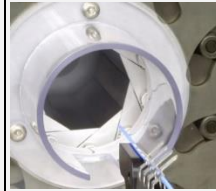
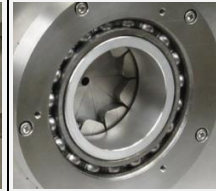




Blockwise Crimping Mechanisms Comparison Guide	J-Crimp™	2-Crimp™	Alpha-Crimp™	Zero-G™	Twin-Cam™	Large Twin-Cam™	High Force Twin-Cam™	M1	M2
									
Die Material	Hardened Stainless Steel	Hardened Stainless Steel	Hardened Stainless Steel	Ertalyte TX (PET with fluoro lubricant)	Hardened Stainless Steel	Hardened Stainless Steel Or Ertalyte TX	Hardened Stainless Steel	Acetal Copolymer	Acetal Copolymer
Diameter Range	0 – 16 mm	0 – 16 mm	0 – 8 mm	0 – 31 mm	0 – 30 mm	0 – 60 mm	0 – 60 mm	0 – 25 mm	0 – 41 mm
Lengths Available	62, 124 mm	180 mm	75 mm	62 - 300 mm	124, 310 mm	124, 248 mm	124 – 230 mm	38 mm	25, 50 mm
Gap Between Dies	Very Small (~0.05 mm)	Very Small (~0.05 mm)	Extremely Small (~0.01 mm)	Zero	Small (~0.07 mm)	Small (~0.1 mm)	Small (~0.1 mm)	Zero	Zero
Max Radial Force	1350 N	8000 N	2670 N	1200 N	1900 N	1450 N	20000 N	230 N	600 N
Number Of Dies	9	9	10	12	10	10	10	12	9
Heating available?	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No
Electric Actuation Available?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Air Actuation Available?	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes
Hand-Actuation Available?	Yes	No	No	No	No	No	No	Yes	Yes
Available with CX Crimping Machine (Electric Actuation, Touch-Screen, Recipes, Press & Vac)?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Available with RJ Crimping Machine (Simple Pneumatic)?	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes
Available with TTR2 Radial Force Tester?	Yes	No	No	No	Yes	Yes	No	No	No
Available with LX Self-Expanding Stent Loading Machine?	Yes	No	No	Yes	Yes	No	No	No	No
Bearing Type (Constraint and Drive Bearings)	Ball Bearings	Ball Bearings	Ball Bearings	Ball Bearings	Ball Bearings	Ball Bearings	Ball Bearings	Plain Bearing	Plain Bearing
Friction Level	Very Low	Low	Low	High	Very Low	Very Low	Low	High	High
Best-Suited Applications	Balloon Wrapping Compression Step, Radial Force Testing, Balloon-Expandable Crimping	High-Force, Long-Length Balloon Expandable Crimping	PTCA Coronary, Small-Sized Balloon Expandable Crimping	Self-Expanding Stent Loading	Balloon Wrapping Compression Step, Radial Force Testing	Radial Force Testing	Super-High-Force Balloon-Expandable Crimping and Self-Expanding Stent Loading	Pre-Crimping (Sizing), Manual Self-Expanding Stent Loading, (not Balloon-Expandable Stent Attachment)	Heart-Valve Crimping, Manual Self-Expanding Stent Loading