

Features

- Square body design with built in cylinder
- Roller burnished I.D. and hard-coat anodized for wear resistance
- Hardened steel clevis, links, and jaw blocks
- Hardened pins for increased cycle life
- Dowel pin & tapped holes for tooling
- Optional sensing (see page 25)
- Optional tooling jaws
- Side and bottom mounting with dowel pin & tapped holes



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Technical Data

Operation Pressure = 60-110 psi
 Repeat accuracy = +/-0.002"
 Life expectancy = >5 million cycles

Grip Force = Operating pressure * Grip Factor * Derating Factor		
Spread Force = Grip Force * Spread Factor		
Type	Grip Factor	Spread Factor
BT-1TP	0.45	1.24
BT-2TP	0.95	1.18
BT-3TP	1.49	1.16

Force diagrams below depict the grip force, which is the sum of the forces of the jaws at the top edge of the jaw. For added on tooling a graph is given for derating the grip force.

