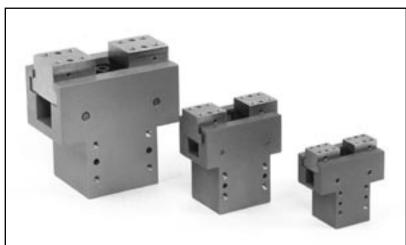
BT-TP Tuff True Parallel Motion Gripper



Features

- Square body design with built in cylinder
- Roller burnished I.D. and hardcoat 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



Technical Data

Operation Pressure = 60-110 psiRepeat accuracy = +/-0.002"

Life expectancy = >5 million cycles

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.

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

