BT-S Tuff Radial Motion Gripper



Features

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



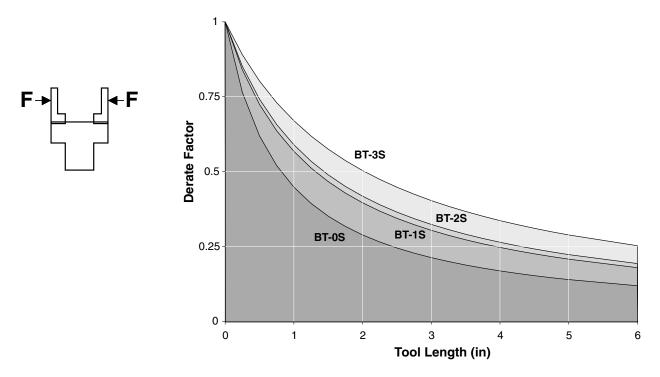
Technical Data

Operation Pressure = 60-110 psi= +/-0.002" Repeat accuracy

Life expectancy = >5 million cycles

Force diagrams below depict the grip force, which is the sum of the forces of the jaws at the middle of the jaw between the mounting holes. 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	
Туре	Grip Factor
BT-0S	0.17
BT-1S	0.38
BT-2S	0.72
BT-3S	1.35



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