

How to select the correct model (or required clamp force) according to the weight of workpiece.

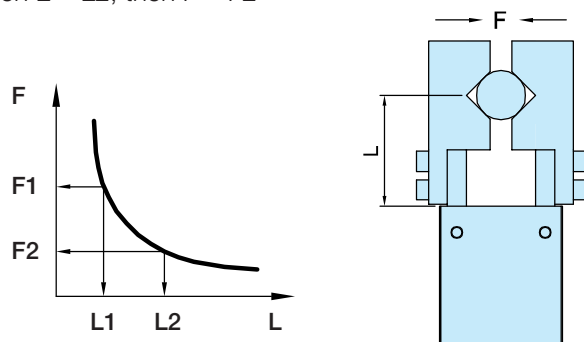
The friction coefficient of the workpiece will be influenced by the shape and shifting condition but in connection with the weight of workpiece, the safety factor of clamping force is as shown below. Please select your model according to the result of below calculation.

- Clamp force only $W: (F \times N) = 1:5$
- Shifting under normal condition $W: (F \times N) = 1:10$
- Shifting under acceleration $W: (F \times N) = 1:20$

To obtain gripping power from performance data, if the distance to the workpiece's center of gravity is L when manufacturing the small jaw, gripping power F is expressed as follows

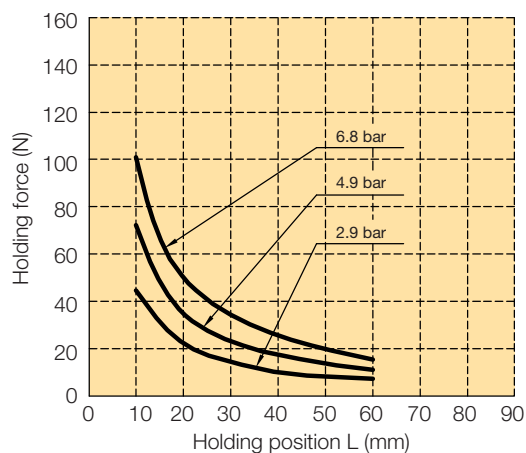
When $L = L1$, then $F = F1$

When $L = L2$, then $F = F2$

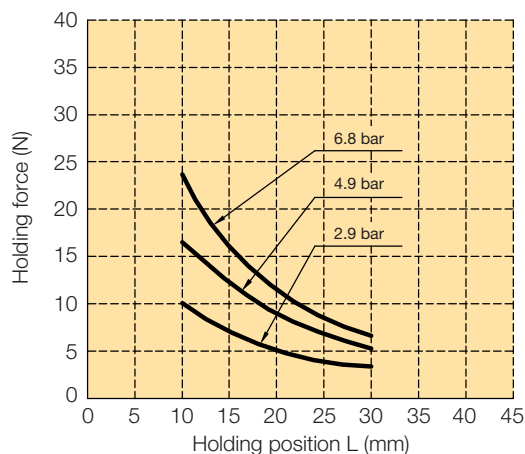


W = Weight of workpiece
F : Clamp force per jaw
(Please refer to clamp force performance chart)
N : Number of finger blanks

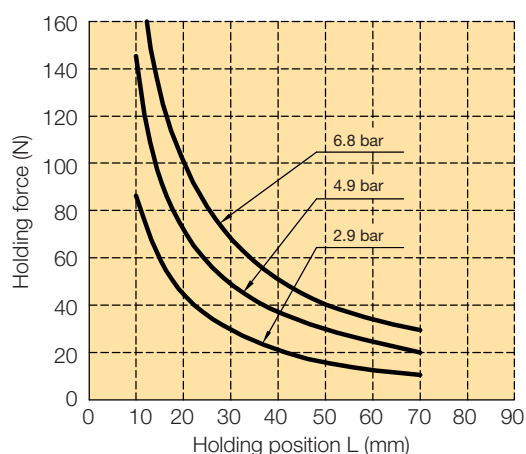
P5GA-020MSG030B



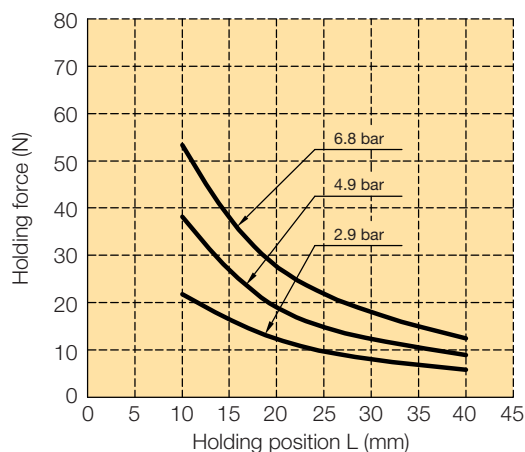
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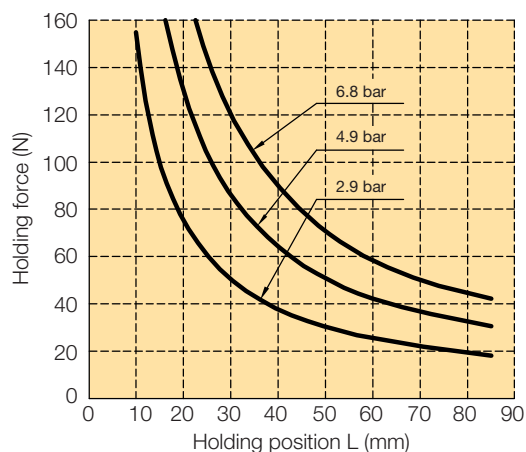
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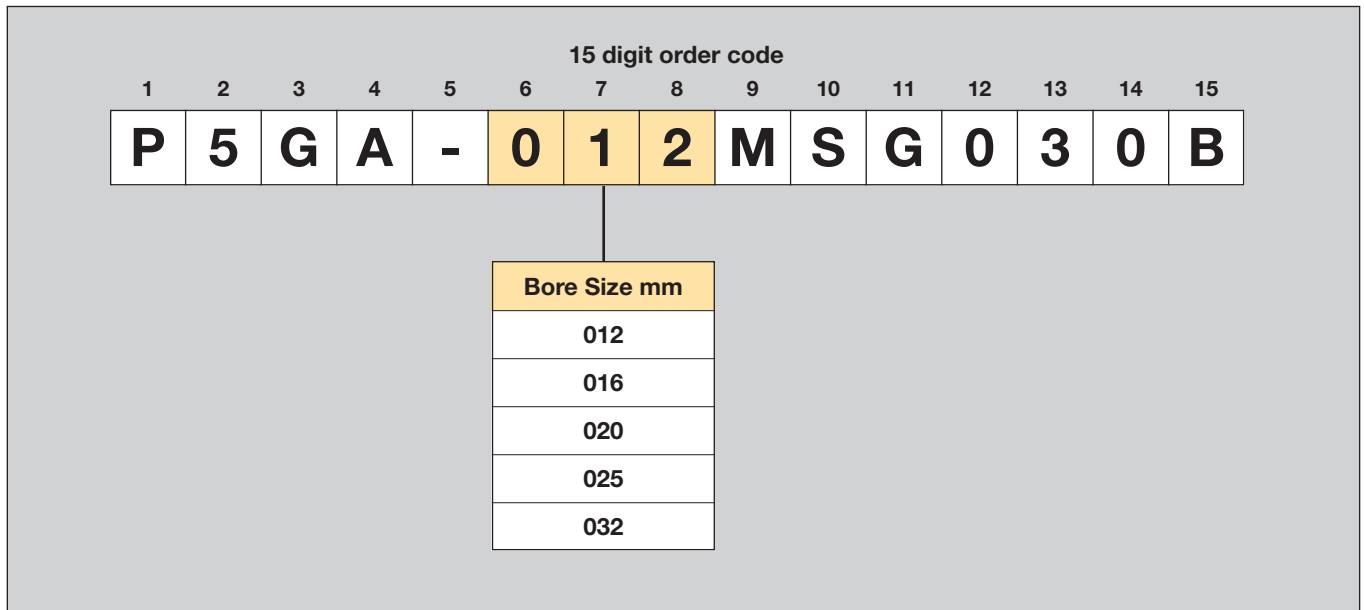
P5GA-016MSG030B



P5GA-032MSG030B



Order Key Code



Note : All grippers are supplied magnetic for optional sensing

P5GA - Angular Grippers

Bore mm	Order code
12	P5GA-012MSG030B
16	P5GA-016MSG030B
20	P5GA-020MSG030B
25	P5GA-025MSG030B
32	P5GA-032MSG030B