

# GUIDE POSTS / GUIDE HOLDERS / GUIDE BUSHINGS

The volume discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

**Guide post** RoHS **MGP**

$D_{-0.03}$   
 $h$   
 $L_{-0.3}^0$   
 $R30$   
 $M12$  ( $\phi D80$ )  
 $D_{n5}$

M S45C  
H 55HRC ~ (Induction hardening)

⚠ When assembling, press fit with hydraulic press.

| D <sub>n5</sub> | h    | M  | Catalog No.             |                                 | L                 | U/Price<br>Q'ty : 1~9 |
|-----------------|------|----|-------------------------|---------------------------------|-------------------|-----------------------|
|                 |      |    | Type                    | D                               |                   |                       |
| 20              | 15   | —  | MGP                     | 20                              | 80 90 100 110 120 | Quotation             |
|                 |      |    |                         |                                 | 130 140 150 160   |                       |
| 25              | 15   | 25 |                         | 80 90 100 110 120               |                   |                       |
|                 |      |    |                         | 130 140 150 160 170 180 200     |                   |                       |
| 32              | 20   | 32 |                         | 90 100 110 120 130 140          |                   |                       |
|                 |      |    |                         | 150 160 170 180 200 220 250     |                   |                       |
| 38              | 25   | 38 |                         | 110 120 130 140 150 160 170 180 |                   |                       |
|                 |      |    |                         | 200 220 250 280 300             |                   |                       |
| 50              | 32.5 | 50 |                         | 160 170 180 200 220 250         |                   |                       |
|                 |      |    |                         | 280 300 350                     |                   |                       |
| 60              | 37.5 | 60 | 180 200 220 250 280 300 |                                 |                   |                       |
|                 |      |    | 350 400                 |                                 |                   |                       |
| 80              | 50   | 80 | 250 280 300 350         |                                 |                   |                       |
|                 |      |    | 400 450                 |                                 |                   |                       |

**Order** Catalog No. — L

MGP 32 — 160  
MGH 32

**Volume discount rate**

| Quantity | 1~9 | 10~19 | 20~29 | 30~50 |
|----------|-----|-------|-------|-------|
| Rate     | —   | 5%    | 10%   | 15%   |

**Delivery** Printed in Red •  $\phi D20\sim60$  •  $\phi D80$

SGP Stock 3 Days 5 Days Express T Express A P.i

⚠ For area out of Singapore please refer to P.i.

**Alteration** Catalog No. — L(LC)

MGP80 — LC290

D20~60 5 Days Express T Express A P.i  
D80 5 Days Express T Express A P.i

⚠ For area out of Singapore please refer to P.i.

| Alterations | Code | Spec.  | D                                  | Price     |
|-------------|------|--|------------------------------------|-----------|
|             | LC   | Changes post length<br>LC < L<br>1mm increments  | 20 • 25 • 32<br>38 • 50<br>60 • 80 | Quotation |
|             | BKC  | Changes bushing height tolerance<br>$H_1 \pm 0.2 \Rightarrow \pm 0.1$<br>⊗ D20 : Not available | 25 • 32<br>38 • 50<br>60 • 80      |           |
|             | HKC  | Changes holder height tolerance<br>$H \pm 0.2 \Rightarrow \pm 0.1$<br>⊗ D20 : Not available    | 25 • 32<br>38 • 50<br>60 • 80      | Quotation |
|             | W    | Machines tap holes for mounting<br>stroke end block.<br>⊗ D20 : Not applicable                 | 25 • 32<br>38 • 50<br>60 • 80      |           |

**Guide holder** RoHS **MGH** **MGHP** (With dowel holes)

$4-\phi d$   
 $D_{k6}$   
 $M$   
 $H \pm 0.2$   
 $A$   
 $B$   
 $a$   
 $b$   
 $d$   
 $H$   
 $T$   
 $M$   
 $eH7$   
 $l$   
 $a_1$   
 $b_1$   
 $2-\phi e$

⚠ When assembling, press fit with hydraulic press.

FC250

| Catalog No.<br>Type | D <sub>k6</sub> | A      | B      | a   | b   | d   | H   | T   | M   | eH7 | l      | a <sub>1</sub> | b <sub>1</sub> | U/Price Q'ty : 1~9 |           |
|---------------------|-----------------|--------|--------|-----|-----|-----|-----|-----|-----|-----|--------|----------------|----------------|--------------------|-----------|
|                     |                 |        |        |     |     |     |     |     |     |     |        |                |                | MGH                | MGHP      |
| MGH<br>MGHP         | 20              | +0.002 | 74     | 44  | 56  | 30  | 6.6 | 30  | 15  | 6   | +0.012 | 56             | 28             | 15                 | Quotation |
|                     | 25              | -0.011 | 84     | 48  | 66  | 30  | 9   | 30  | 20  |     | 8      | 0              | 66             | 33                 |           |
|                     | 32              | +0.003 | 100    | 58  | 76  | 36  | 11  | 40  | 20  | 10  |        |                | 0              | 76                 |           |
|                     | 38              |        | -0.013 | 130 | 75  | 100 | 44  | 11  | 50  |     | 25     | 100            |                | 50                 |           |
|                     | 50              | +0.004 | 155    | 90  | 125 | 60  | 14  | 65  | 25  | 12  | 0      | 125            | 62.5           | 30                 |           |
|                     | 60              |        | -0.014 | 190 | 120 | 150 | 80  | 18  | 75  |     |        | 30             | 13             | +0.018             |           |
|                     | 80              | +0.004 | 230    | 150 | 180 | 110 | 22  | 100 | 35  | 16  | 0      | 190            | 90             | 55                 |           |
|                     | 80              |        | -0.014 | 230 | 150 | 180 | 110 | 22  | 100 |     |        | 35             | 16             | 0                  |           |

**Plain guide bushing** RoHS **MGB** **MGBP** (With dowel holes)

$4-\phi d$   
 $D$   
 $15^\circ$   
 $H_1 \pm 0.2$   
 $A$   
 $B$   
 $a$   
 $b$   
 $d$   
 $H_1$   
 $T$   
 $M$   
 $eH7$   
 $l$   
 $a_1$   
 $b_1$   
 $2-\phi e$

⚠ For area out of Singapore please refer to P.i.

FC250

**Oil-free guide bushing** RoHS **MGBZ** **MGBZP** (With dowel holes)

$4-\phi d$   
 $D$   
 $15^\circ$   
 $H_1 \pm 0.2$   
 $A$   
 $B$   
 $a$   
 $b$   
 $d$   
 $H_1$   
 $T$   
 $M$   
 $eH7$   
 $l$   
 $a_1$   
 $b_1$   
 $2-\phi e$

⚠ For area out of Singapore please refer to P.i.

FC250  
MoS<sub>2</sub> (embedded)

| Catalog No.<br>Type          | D  | A      | B   | a   | b   | d   | H <sub>1</sub> | T   | M  | eH7 | l      | a <sub>1</sub> | b <sub>1</sub> | U/Price Q'ty : 1~9 |           |      |       |
|------------------------------|----|--------|-----|-----|-----|-----|----------------|-----|----|-----|--------|----------------|----------------|--------------------|-----------|------|-------|
|                              |    |        |     |     |     |     |                |     |    |     |        |                |                | MGB                | MGBP      | MGBZ | MGBZP |
| MGB<br>MGBP<br>MGBZ<br>MGBZP | 20 | +0.041 | 74  | 44  | 56  | 30  | 6.6            | 40  | 15 | 6   | +0.012 | 56             | 28             | 15                 | Quotation |      |       |
|                              | 25 | +0.031 | 84  | 48  | 66  | 30  | 9              | 45  | 20 |     | 8      | 0              | 66             | 33                 |           | 15   |       |
|                              | 32 | +0.047 | 100 | 58  | 76  | 36  | 11             | 50  | 20 | 10  |        |                | 0              | 76                 |           | 38   | 18    |
|                              | 38 | +0.037 | 130 | 75  | 100 | 44  | 11             | 60  | 25 |     | 100    | 50             |                | 22                 |           |      |       |
|                              | 50 | +0.049 | 155 | 90  | 125 | 60  | 14             | 85  | 25 | 12  | 0      | 125            | 62.5           | 30                 |           |      |       |
|                              | 60 | +0.037 | 190 | 120 | 150 | 80  | 18             | 100 | 30 |     |        | 13             | +0.018         | 150                |           | 75   | 40    |
|                              | 80 | +0.052 | 230 | 150 | 180 | 110 | 22             | 130 | 35 | 16  | 0      | 190            | 90             | 55                 |           |      |       |
|                              | 80 | +0.043 | 230 | 150 | 180 | 110 | 22             | 130 | 35 |     |        | 16             | 0              | 190                |           | 90   | 55    |