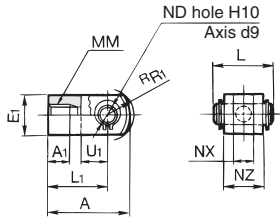


# Series NCG/CG1

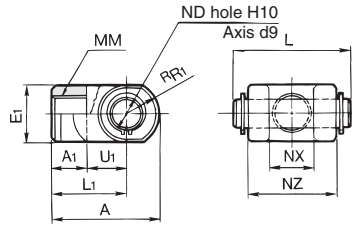
## Accessory Bracket Dimensions

### CG1 Double Knuckle Joint

**Y-G02/G03**  
Material: Rolled steel

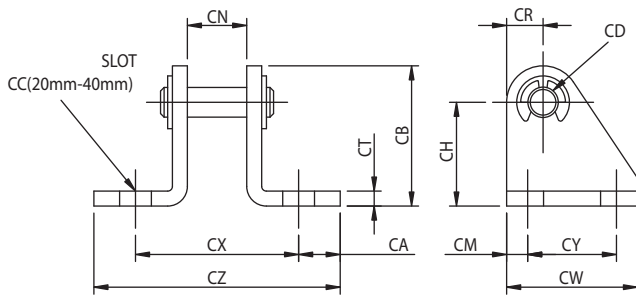


**Y-G04/G05/G08/G10**  
Material: Cast iron



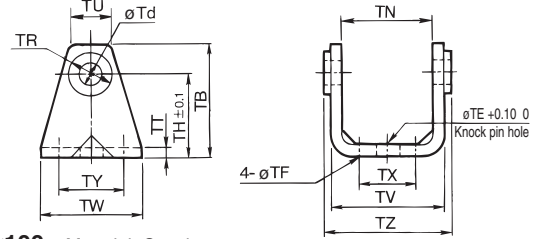
| Part no. | Applicable bore (mm) | A  | A <sub>1</sub> | E <sub>1</sub> | L <sub>1</sub> | MM         | R <sub>1</sub> | U <sub>1</sub> | ND | NX                                 | NZ | L    | Applicable pin part no. |
|----------|----------------------|----|----------------|----------------|----------------|------------|----------------|----------------|----|------------------------------------|----|------|-------------------------|
| Y-G02    | 20                   | 34 | 8.5            | □16            | 25             | M8 x 1.25  | 10.3           | 11.5           | 8  | 8 <sup>+0.4</sup> <sub>-0.2</sub>  | 16 | 21   | IY-G02                  |
| Y-G03    | 25, 32               | 41 | 10.5           | □20            | 30             | M10 x 1.25 | 12.8           | 14             | 10 | 10 <sup>+0.4</sup> <sub>-0.2</sub> | 20 | 25.6 | IY-G03                  |
| Y-G04    | 40                   | 42 | 16             | ∅22            | 30             | M14 x 1.5  | 12             | 14             | 10 | 18 <sup>+0.5</sup> <sub>-0.3</sub> | 36 | 41.6 | IY-G04                  |
| Y-G05    | 50, 63               | 56 | 20             | ∅28            | 40             | M18 x 1.5  | 16             | 20             | 14 | 22 <sup>+0.5</sup> <sub>-0.3</sub> | 44 | 50.6 | IY-G05                  |
| Y-G08    | 80                   | 71 | 23             | ∅38            | 50             | M22 x 1.5  | 21             | 27             | 18 | 28 <sup>+0.5</sup> <sub>-0.3</sub> | 56 | 64   | IY-G08                  |
| Y-G10    | 100                  | 79 | 24             | ∅44            | 55             | M26 x 1.5  | 24             | 31             | 22 | 32 <sup>+0.5</sup> <sub>-0.3</sub> | 64 | 72   | IY-G10                  |

\* Knuckle pin and set ring are shipped together.

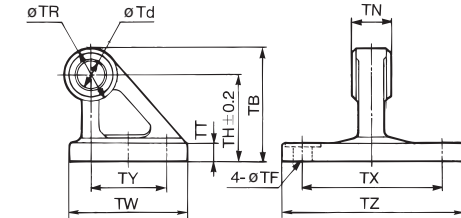


### Pivot Bracket (Order separately)

**∅20 to ∅63** Material: Rolled steel



**∅80, ∅100** Material: Cast iron



| Part no.   | Applicable bore (mm) | TB | Td | TE | TF   | TH | TN                                 | TR | TT  |
|------------|----------------------|----|----|----|------|----|------------------------------------|----|-----|
| CG-020-24A | 20                   | 36 | 8  | 10 | 5.5  | 25 | (29.3)                             | 13 | 3.2 |
| CG-025-24A | 25                   | 43 | 10 | 10 | 5.5  | 30 | (33.1)                             | 15 | 3.2 |
| CG-032-24A | 32                   | 50 | 12 | 10 | 6.6  | 35 | (40.4)                             | 17 | 4.5 |
| CG-040-24A | 40                   | 58 | 14 | 10 | 6.6  | 40 | (49.2)                             | 21 | 4.5 |
| CG-050-24A | 50                   | 70 | 16 | 20 | 9    | 50 | (60.4)                             | 24 | 6   |
| CG-063-24A | 63                   | 82 | 18 | 20 | 11   | 60 | (74.6)                             | 26 | 8   |
| CG-080-24A | 80                   | 73 | 18 | —  | 11   | 55 | 28 <sup>-0.1</sup> <sub>-0.3</sub> | 36 | 11  |
| CG-100-24A | 100                  | 90 | 22 | —  | 13.5 | 65 | 32 <sup>-0.1</sup> <sub>-0.3</sub> | 50 | 12  |

| Part no.   | Applicable bore (mm) | TU     | TV     | TW | TX  | TY | TZ   | Applicable pin O.D.                                  |
|------------|----------------------|--------|--------|----|-----|----|------|--|
| CG-020-24A | 20                   | (18.1) | (35.8) | 42 | 16  | 28 | 38.3 | 8d <sub>9</sub> <sup>-0.040</sup> <sub>-0.076</sub>  |
| CG-025-24A | 25                   | (20.7) | (39.8) | 42 | 20  | 28 | 42.1 | 10d <sub>9</sub> <sup>-0.040</sup> <sub>-0.076</sub> |
| CG-032-24A | 32                   | (23.6) | (49.4) | 48 | 22  | 28 | 53.8 | 12d <sub>9</sub> <sup>-0.050</sup> <sub>-0.093</sub> |
| CG-040-24A | 40                   | (27.3) | (58.4) | 56 | 30  | 30 | 64.6 | 14d <sub>9</sub> <sup>-0.050</sup> <sub>-0.093</sub> |
| CG-050-24A | 50                   | (29.7) | (72.4) | 64 | 36  | 36 | 79.2 | 16d <sub>9</sub> <sup>-0.050</sup> <sub>-0.093</sub> |
| CG-063-24A | 63                   | (34.3) | (90.4) | 74 | 46  | 46 | 97.2 | 18d <sub>9</sub> <sup>-0.050</sup> <sub>-0.093</sub> |
| CG-080-24A | 80                   | —      | —      | 72 | 85  | 45 | 110  | 18d <sub>9</sub> <sup>-0.050</sup> <sub>-0.093</sub> |
| CG-100-24A | 100                  | —      | —      | 93 | 100 | 60 | 130  | 22d <sub>9</sub> <sup>-0.065</sup> <sub>-0.117</sub> |

### NCG Pivot Bracket

inch

| Part no. | Applicable bore (mm) | TB   | Td    | TE   | TF   | TH   | TN     | TR   | TT   | TU     | TV     | TW   | TX   | TY   | TZ   |
|----------|----------------------|------|-------|------|------|------|--------|------|------|--------|--------|------|------|------|------|
| NCG-P020 | 20                   | 1.42 | 0.315 | 0.39 | 0.22 | 0.98 | (1.14) | 0.51 | 0.12 | (0.71) | (1.39) | 1.65 | 0.63 | 1.10 | 1.50 |
| NCG-P025 | 25                   | 1.68 | 0.394 | 0.39 | 0.22 | 1.18 | (1.30) | 0.59 | 0.12 | (0.81) | (1.55) | 1.65 | 0.79 | 1.10 | 1.65 |
| NCG-P032 | 32                   | 1.97 | 0.472 | 0.39 | 0.27 | 1.38 | (1.57) | 0.67 | 0.18 | (0.93) | (1.93) | 1.89 | 0.87 | 1.10 | 2.10 |
| NCG-P040 | 40                   | 2.28 | 0.551 | 0.39 | 0.27 | 1.57 | (1.93) | 0.83 | 0.18 | (1.07) | (2.28) | 2.20 | 1.18 | 1.18 | 2.53 |
| NCG-P050 | 50                   | 2.75 | 0.630 | 0.79 | 0.35 | 1.97 | (2.36) | 0.91 | 0.24 | (1.17) | (2.83) | 2.52 | 1.42 | 1.42 | 3.10 |
| NCG-P063 | 63                   | 3.23 | 0.709 | 0.79 | 0.43 | 2.36 | (2.91) | 0.98 | 0.31 | (1.35) | (3.54) | 2.91 | 1.81 | 1.81 | 3.80 |

### NCG Single Clevis Pivot Bracket

inch

| Part no.  | Applicable bore (mm) | CA   | CB   | CC   | CD   | CH   | CM   | CN   | CR   | CT   | CX   | CW   | CY   | CZ   |
|-----------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| NCG-PC020 | 20-25                | 0.35 | 1.18 | 0.27 | 0.25 | 0.87 | 0.18 | 0.38 | 0.31 | 0.12 | 1.25 | 1.10 | 0.75 | 1.95 |
| NCG-PC032 | 32                   | 0.35 | 1.18 | 0.27 | 0.25 | 0.87 | 0.18 | 0.50 | 0.31 | 0.12 | 1.37 | 1.10 | 0.75 | 2.07 |
| NCG-PC040 | 40                   | 0.36 | 1.75 | 0.27 | 0.38 | 1.38 | 0.25 | 0.63 | 0.37 | 0.18 | 1.87 | 1.50 | 1.00 | 2.60 |
| NCG-PC050 | 50                   | 0.44 | 1.75 | 0.76 | 0.38 | 1.38 | 0.25 | 0.75 | 0.37 | 0.24 | 2.12 | 1.50 | 1.00 | 3.00 |
| NCG-PC063 | 63                   | 0.44 | 2.12 | 0.76 | 0.38 | 1.75 | 0.25 | 0.75 | 0.37 | 0.24 | 2.12 | 1.50 | 1.00 | 3.00 |