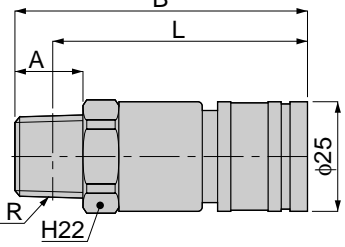


Tube Fitting Series Light Coupling

CPS 20 SERIES

Taper Threaded Type



| Model | R | A | B | L | Mass (g) | Eff. a. (mm ²) |
|-----------|------|----|----|------|----------|----------------------------|
| CPS 20-02 | R1/4 | 11 | 50 | 44 | 41 | 22.9 |
| CPS 20-03 | R3/8 | 12 | 51 | 44.5 | 43.5 | 24.1 |
| CPS 20-04 | R1/2 | 15 | 54 | 46 | 53.5 | 24.2 |

unit:mm

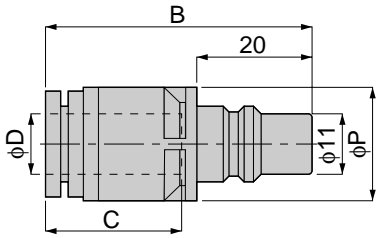


unit:inch

| MODEL | NPT | A | B | L | φ P | H | Weight (g) | Eff.a. mm ² | Cv |
|------------|-----|------|------|------|------|-----|------------|------------------------|------|
| CPS 20-N2U | 1/4 | 0.43 | 1.97 | 1.73 | 0.98 | 7/8 | 41.2 | 22.9 | 1.24 |
| CPS 20-N3U | 3/8 | 0.47 | 2.01 | 1.75 | 0.98 | 7/8 | 43.9 | 24.1 | 1.31 |
| CPS 20-N4U | 1/4 | 0.59 | 2.13 | 1.81 | 0.98 | 7/8 | 54.5 | 24.2 | 1.31 |

CPP 20 SERIES

Straight



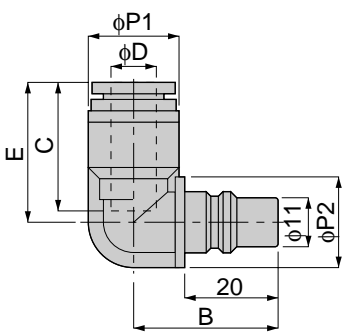
| Model | Tube dia. φD | B | φP | C | Mass (g) | Eff. a. (mm ²) |
|------------|--------------|------|----|------|----------|----------------------------|
| CPP 20-6 | 6 | 39 | 16 | 17 | 6 | 12.5 |
| CPP 20-8 | 8 | | | 18.5 | 6.5 | 23.3 |
| CPP 20-10 | 10 | | | 20.5 | 12.5 | 33.8 |
| CPP 20-12 | 12 | 45.5 | 20 | 23.5 | 14 | 33.1 |
| CPP 20-6S | 6 | 45.5 | 16 | 17 | 8.5 | 10.1 |
| CPP 20-8S | 8 | | | 18.5 | 9 | 18 |
| CPP 20-10S | 10 | | | 20.5 | 17.5 | 26 |
| CPP 20-12S | 12 | 55.5 | 21 | 23.5 | 20.5 | 26.4 |
| CPP 20-6C | 6 | 45.5 | 16 | 17 | 8 | 10.1 |
| CPP 20-8C | 8 | | | 18.5 | 9 | 18 |
| CPP 20-10C | 10 | | | 20.5 | 17.5 | 26 |
| CPP 20-12C | 12 | 55.5 | 21 | 23.5 | 20 | 26.4 |

unit:mm



CPP 20 SERIES

Elbow



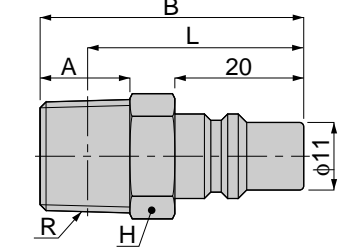
| Model | Tube dia. φD | B | φP | C | E | Mass (g) | Eff. a. (mm ²) |
|------------|--------------|----|------|------|----|----------|----------------------------|
| CPP 20L-6 | 6 | 28 | 14.5 | 17 | 24 | 7.5 | 10.7 |
| CPP 20L-8 | 8 | | | 18.5 | | | 17.5 |
| CPP 20L-10 | 10 | 31 | 21 | 20.5 | 30 | 15 | 26.3 |
| CPP 20L-12 | 12 | | | 23.5 | | | 29 |

unit:mm



CPP 20 SERIES

Taper Threaded Type



| Model | R | A | B | L | H | Mass (g) | Eff. a. (mm ²) |
|-----------|------|----|----|------|----|----------|----------------------------|
| CPP 20-02 | R1/4 | 11 | 37 | 31 | 14 | 24 | 39.5 |
| CPP 20-03 | R3/8 | 12 | 38 | 31.5 | 17 | 37 | |

unit:mm

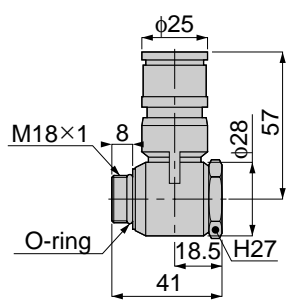


unit:inch

| MODEL | φ D | NPT | A | B | L1 | L2 | H | Weight (g) | Eff.a. mm ² | Cv |
|------------|-----|-----|------|------|------|------|-------|------------|------------------------|------|
| CPP 20-N2U | | 1/4 | 0.43 | 1.46 | 1.02 | 0.79 | 9/16 | 25.3 | 39.5 | 2.14 |
| CPP 20-N3U | | 3/8 | 0.47 | 1.5 | 1.04 | 0.79 | 11/16 | 38.2 | 39.5 | 2.14 |

QMC PARTS

Coupling Module



unit:mm

| Model | Mass (g) |
|--------|----------|
| QMC 20 | 83.5 |

※ As assembly type mani-block for concentrated branching etc., main block on page 112 can be couled.