

Norgren Pneufit® C fittings are ready to use, offering fast assembly with no need for tools providing optimum flow.

Pneufit® C offers a broad range of over 1,000 composite push-in pneumatic fittings to complement our established all brass Pneufit® series.

Releasable stainless-steel grab-ring to grip nylon or polyurethane tube (85 or 95 durometer).

Nickel plated brass components provide corrosion and contamination resistance and an extended life.

Pre applied thread sealant on all taper threads and recessed captive O-ring on parallel threads provides optimum rapid sealing.

Internal and external hexagons on straight fittings.

Immediate quality sealing using silicone free U-packing.

Mounting holes on all union fittings.

Also introducing Miniature Pneufit® M an ultra compact alternative where space is at a premium.



Technical data

Operating pressure:
750mm Hg vacuum, up to 10 bar

Temperature:
0 to 60°C

Medium:
compressed air

Tube sizes
Standard sizes:
4, 6, 8, 10, 12, 16 mm

Miniature sizes:
3, 4, and 6 mm

Thread sizes
Standard sizes:
M5, M6, 1/8, 1/4, 3/8 and 1/2 inch
ISO G and ISO R

Miniature sizes:
M3, M5 and 1/8 inch ISO R

Tube types
Nylon 11 or 12
Polyurethane 85, 95 or 98 durometer

Materials

Body: PBT
Seals: NBR (silicone free) u-packing and O-rings
Threaded bodies: nickel plated brass
Release sleeve and backing ring: POM
Grab-ring: stainless steel
Collar: nickel plated brass
Thread sealant: threebond 2350B

Ordering Examples Information 2





Method of assembly



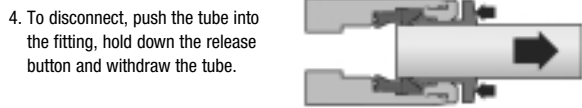
1. Ensure that the end tube is cut square and is free from burrs.



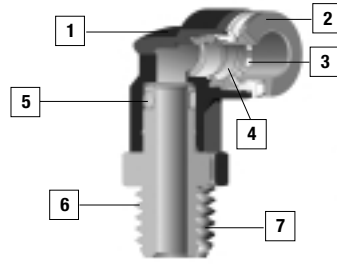
2. Push the tube through the release ring button and grab ring into the fitting.



3. Push the tube firmly through the 'O' ring until it bottoms on the tube stop, then pull back.



4. To disconnect, push the tube into the fitting, hold down the release button and withdraw the tube.

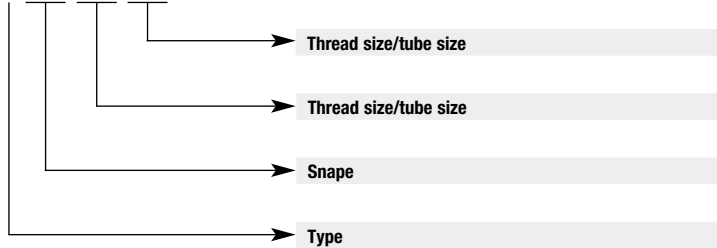


- 1 Impact resistant PBT body in black for Pneufit® C and light gray for Pneufit® M.
- 2 Release buttons are red for metric, grey for inch, and light grey oval for Pneufit® M.
- 3 Stainless steel grab ring with special design to retain softer tube and provide easy releasability.
- 4 Silicon free U-packing provides leak tight tube seal under side loading.
- 5 Stem seal provides leak tight 360° swivel connection.
- 6 Nickel plated brass threads and notches on hex to signify NPT.
- 7 Pre-applied thread sealant on tapered threads and recessed captive O-ring on parallel threads.

Options selector

| Series | Substitute |
|---------------------|------------|
| Pneufit C Standard | C |
| Pneufit M Miniature | M |

★0★ ★★ ★★ ★★ ★★ ★★



Pneufit M

Straight Adaptors and Connectors

| | | | | |
|---|---|---|---|---|
| Straight Union M0020 Page 16 | Straight Union (unequal) M0020 Page 16 | Straight Adaptor (external + internal hex) M0225 Page 16 | Straight Adaptor (internal hex only) M022A Page 16 | Straight Adaptor (female thread) M0226 Page 16 |
|---|---|---|---|---|














Elbow-and Tee connectors and Adaptors

| | | | | |
|--|---|--|---|--|
| Union Elbow M0040 Page 16 | 90° Swivel Elbow Adaptor M0247 Page 16 | Union Tee M0060 Page 17 | Swivel Tee Adaptor M0267 Page 17 | Swivel Side Tee Adaptor M0268 Page 17 |
|--|---|--|---|--|
















Pneufit C










Straight Adaptors and Connectors

| | | | | | | |
|---|--|--|--|--|--|--|
| Straight Union C0020  Page 05 | Straight Union (unequal) C0020  Page 05 | Straight Adaptor (external + internal hex) C0125  Page 05 | Straight Adaptor (external + internal hex) C0225  Page 05 | Straight Adaptor (internal hex only) C012A C022A  Page 05 | Straight Adaptor (female thread) C0226  Page 06 | Stem Reducer (stem/tube) C0023  Page 06 |
| Stem Expander (stem/tube) C0023  Page 06 | Bulkhead Union C0029  Page 06 | Straight Adaptor (female bulkhead) C0232  Page 06 | Stem Union (equal + unequal) C0022  Page 06 | Plug C0004  Page 07 | Cap (female plug) C0012  Page 07 | |





Elbow Connectors and Adaptors

| | | | | | | |
|---|--|--|---|---|---|---|
| Union Elbow C0040  Page 07 | 90° Swivel Elbow Adaptor C0147  Page 07 | 90° Swivel Elbow Adaptor C0247  Page 07 | Stem Elbow C0043  Page 08 | 90° Swivel Elbow Adaptor (extended) C0154 C0254  Page 08 | 90° Swivel Elbow Adaptor (female) C0148/C0248  Page 08 | |
| Banjo C0A51  Page 9 | Banjo with top port C0D51 C0E51 C0F51 C0G51  Page 9 | Banjo Flow Control (out) C0TA0  Page 9 | Banjo Flow Control (out) C0K51  Page 9 | Banjo Flow Control (in) C0SA0  Page 10 | Banjo Flow Control (in) C0L51  Page 10 | In line flow control C00GE  Page 10 |





Tee Connectors and Adaptors

| | | | | | | |
|--|---|--|---|--|---|---|
| Union Tee C0060  Page 10 | Swivel Tee Adaptor C0167  Page 11 | Swivel Tee Adaptor C0267  Page 11 | Swivel Side Tee Adaptor C0168  Page 11 | Swivel Side Tee Adaptor C0268  Page 11 | Union Tee (unequal) C006A  Page 10 | Stem Side Tee (unequal) C0063  Page 12 |
| Stem Tee (unequal) C0064  Page 12 | Swivel Tee Adaptor (female) C016C/C026C  Page 12 | | | | | |

Y Connectors

| | | | |
|---|--|--|--|
| Union Y (equal + unequal) C0082  Page 13 | Swivel Y Adaptor C0188  Page 13 | Swivel Y Adaptor C0288  Page 14 | Stem Y (equal + unequal) C0084  Page 14 |
|---|--|--|--|

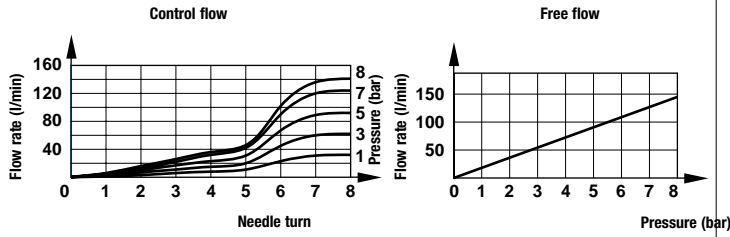
Cross and Manifolds

| | | | |
|---|--|---|---|
| Union Cross C0090  Page 14 | Manifold Union C00D3  Page 15 | Male Manifold C01D3  Page 15 | Stem Manifold C00J3  Page 15 |
|---|--|---|---|

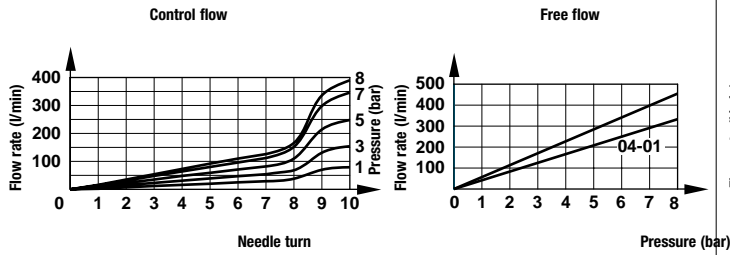


Speed controllers flowrate for C0K51, C0TA0, C0L51 and C0SA0 banjo types

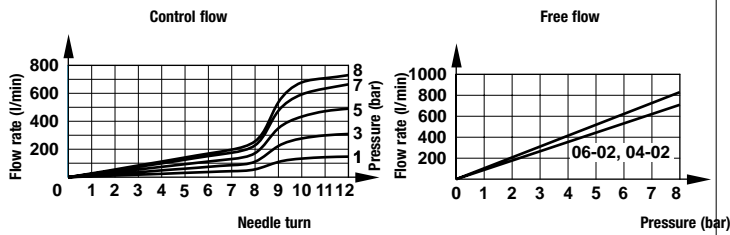
3, 4 and 6 mm
M5



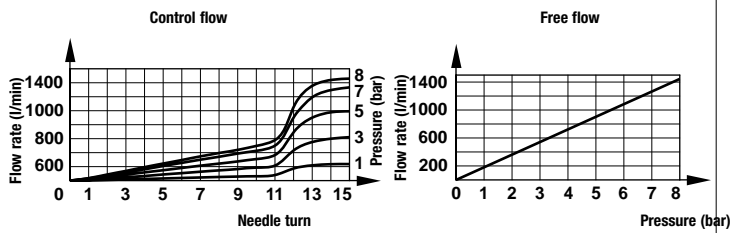
4, 6 and 8 mm
1/8



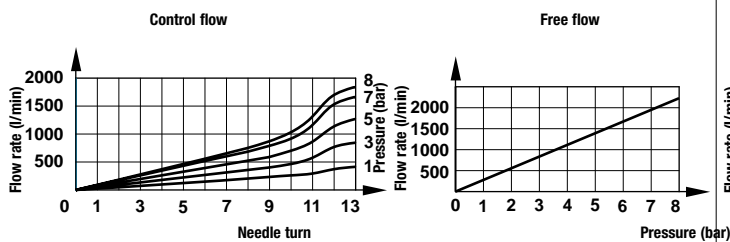
4, 6, 8, 10 and 12 mm
1/4



6, 8, 10 and 12 mm
3/8

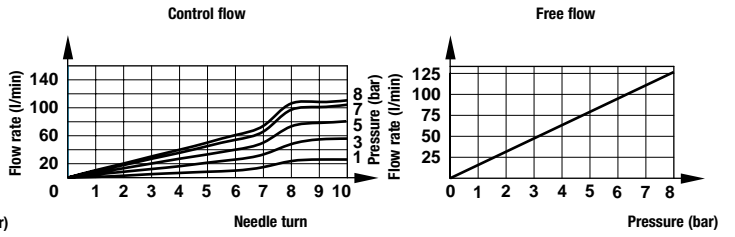


8, 10 and 12 mm
1/2

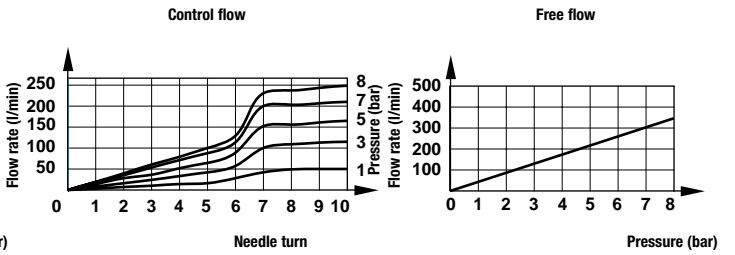


Speed controllers flowrate for C00GE banjo types

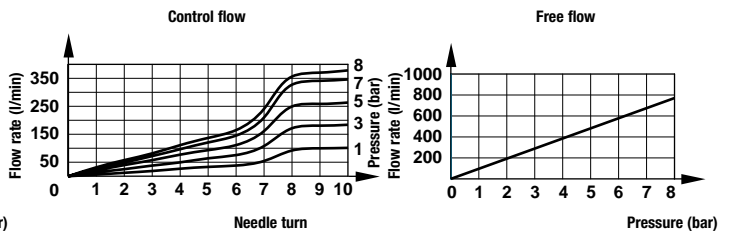
C00GE0400



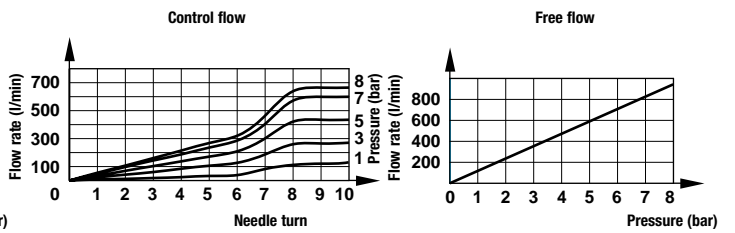
C00GE0600



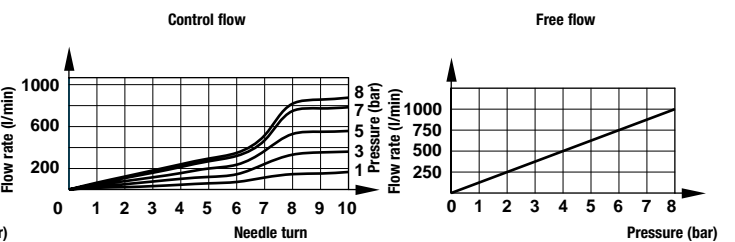
C00GE0800



C00GE1000

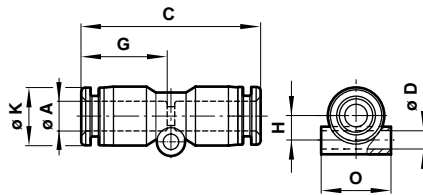


C00GE1200





C0020

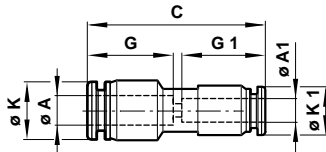


Straight Union

| Ø A | C | Ø D | G | H | Ø K | O | Typ |
|-----|------|-----|------|-----|------|------|-----------|
| 4 | 34,5 | 3,3 | 16,5 | 4,5 | 9,5 | 10,5 | C00200400 |
| 6 | 37,0 | 3,3 | 17,5 | 5,5 | 12,0 | 12,5 | C00200600 |
| 8 | 39,5 | 4,3 | 18,5 | 7,0 | 14,0 | 14,5 | C00200800 |
| 10 | 43,0 | 4,3 | 19,5 | 8,0 | 16,5 | 17,5 | C00201000 |
| 12 | 48,0 | 4,3 | 22,0 | 9,5 | 19,0 | 20,5 | C00201200 |
| 16 | 51,0 | -* | 24,0 | -* | 25,0 | -* | C00201600 |

* no nail hole in 16 mm

C0020

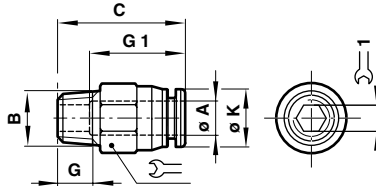


Straight Union

(Unequal)

| Ø A | Ø A1 | C | G | G1 | Ø K | Ø K1 | Typ |
|-----|------|------|------|------|------|------|-----------|
| 6 | 4 | 36,5 | 17,5 | 16,5 | 12,0 | 9,5 | C00200604 |
| 8 | 6 | 37,5 | 18,5 | 17,5 | 14,0 | 12,0 | C00200806 |
| 10 | 8 | 41,0 | 19,5 | 18,5 | 16,5 | 14,0 | C00201008 |
| 12 | 10 | 44,0 | 22,0 | 19,5 | 19,0 | 16,5 | C00201210 |
| 16 | 12 | 49,5 | 24,0 | 22,0 | 25,0 | 19,0 | C00201612 |

C0125

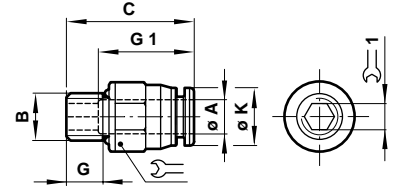


Straight Adaptor

(External + internal hex)

| Ø A | B | C | G | G1 | Ø K | 1 | Typ |
|-----|------|------|------|------|------|----|-----------|
| 4 | R1/8 | 21,5 | 8,0 | 16,0 | 9,5 | 10 | C01250418 |
| 4 | R1/4 | 20,5 | 10,0 | 16,0 | 9,5 | 14 | C01250428 |
| 4 | R3/8 | 22,0 | 11,0 | 16,0 | 9,5 | 17 | C01250438 |
| 6 | R1/8 | 22,0 | 8,0 | 16,5 | 12,0 | 12 | C01250618 |
| 6 | R1/4 | 21,0 | 10,0 | 16,5 | 12,0 | 14 | C01250628 |
| 6 | R3/8 | 22,0 | 11,0 | 16,5 | 12,0 | 17 | C01250638 |
| 6 | R1/2 | 29,5 | 14,0 | 16,5 | 12,0 | 19 | C01250648 |
| 8 | R1/8 | 27,5 | 8,0 | 17,5 | 14,0 | 14 | C01250818 |
| 8 | R1/4 | 25,5 | 10,0 | 17,5 | 14,0 | 14 | C01250828 |
| 8 | R3/8 | 23,0 | 11,0 | 17,5 | 14,0 | 17 | C01250838 |
| 8 | R1/2 | 29,5 | 14,0 | 17,5 | 14,0 | 19 | C01250848 |
| 10 | R1/8 | 28,5 | 8,0 | 18,5 | 16,5 | 17 | C01251018 |
| 10 | R1/4 | 30,5 | 10,0 | 18,5 | 16,5 | 17 | C01251028 |
| 10 | R3/8 | 24,5 | 11,0 | 18,5 | 16,5 | 17 | C01251038 |
| 10 | R1/2 | 29,5 | 14,0 | 18,5 | 16,5 | 19 | C01251048 |
| 12 | R1/8 | 31,5 | 8,0 | 21,0 | 19,0 | 19 | C01251218 |
| 12 | R1/4 | 33,0 | 10,0 | 21,0 | 19,0 | 19 | C01251228 |
| 12 | R3/8 | 30,0 | 11,0 | 21,0 | 19,0 | 19 | C01251238 |
| 12 | R1/2 | 30,0 | 14,0 | 21,0 | 19,0 | 19 | C01251248 |
| 16 | R3/8 | 37,5 | 11,0 | 25,0 | 25,0 | 24 | C01251638 |
| 16 | R1/2 | 40,5 | 14,0 | 25,0 | 25,0 | 24 | C01251648 |

C0225

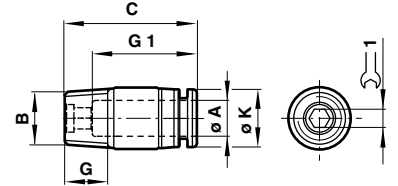


Straight Adaptor

(External + internal hex)

| Ø A | B | C | G | G1 | Ø K | 1 | Typ |
|-----|------|------|-----|------|------|----|-----------|
| 4 | M5 | 22,0 | 4,0 | 16,0 | 9,5 | 10 | C02250405 |
| 4 | M6 | 22,0 | 8,0 | 16,0 | 9,5 | 10 | C02250406 |
| 4 | G1/8 | 21,5 | 6,0 | 16,0 | 9,5 | 13 | C02250418 |
| 4 | G1/4 | 23,5 | 8,0 | 16,0 | 9,5 | 15 | C02250428 |
| 4 | G3/8 | 22,0 | 8,0 | 16,0 | 9,5 | 17 | C02250438 |
| 6 | M5 | 23,5 | 5,0 | 16,5 | 12,0 | 10 | C02250605 |
| 6 | M6 | 23,0 | 4,0 | 16,5 | 12,0 | 12 | C02250606 |
| 6 | G1/8 | 26,5 | 6,0 | 17,5 | 12,0 | 15 | C02250618 |
| 6 | G1/4 | 24,5 | 8,0 | 16,5 | 12,0 | 15 | C02250628 |
| 6 | G3/8 | 25,5 | 8,0 | 16,5 | 12,0 | 17 | C02250638 |
| 8 | G1/8 | 26,5 | 6,0 | 17,5 | 14,0 | 15 | C02250818 |
| 8 | G1/4 | 26,5 | 8,0 | 17,5 | 14,0 | 15 | C02250828 |
| 8 | G3/8 | 25,0 | 8,0 | 17,5 | 14,0 | 17 | C02250838 |
| 8 | G1/2 | 26,0 | 9,0 | 17,5 | 14,0 | 21 | C02250848 |
| 10 | G1/8 | 29,5 | 6,0 | 18,5 | 16,5 | 17 | C02251018 |
| 10 | G1/4 | 30,0 | 8,0 | 18,5 | 16,5 | 17 | C02251028 |
| 10 | G3/8 | 27,0 | 8,0 | 18,5 | 16,5 | 17 | C02251038 |
| 10 | G1/2 | 28,5 | 9,0 | 18,5 | 16,5 | 21 | C02251048 |
| 12 | G1/4 | 32,0 | 8,0 | 21,0 | 19,0 | 19 | C02251228 |
| 12 | G3/8 | 31,5 | 8,0 | 21,0 | 19,0 | 19 | C02251238 |
| 12 | G1/2 | 31,5 | 9,0 | 21,0 | 19,0 | 21 | C02251248 |
| 16 | G3/8 | 36,5 | 8,0 | 25,0 | 25,0 | 24 | C02251638 |
| 16 | G1/2 | 36,5 | 9,0 | 25,0 | 25,0 | 24 | C02251648 |

C012A, C022A



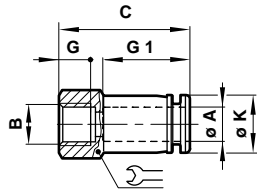
Straight Adaptor

(Internal hex only)

| Ø A | B | C | G | G1 | Ø K | 1 | Typ |
|-----|------|------|------|------|------|---|-----------|
| 4 | M5 | 22,0 | 4,5 | 16,0 | 9,5 | 2 | C022A0405 |
| 4 | M6 | 22,0 | 4,0 | 16,0 | 9,5 | 2 | C022A0406 |
| 4 | R1/8 | 20,5 | 8,0 | 16,0 | 9,5 | 3 | C012A0418 |
| 4 | R1/4 | 20,5 | 10,0 | 16,0 | 9,5 | 3 | C012A0428 |
| 4 | R3/8 | 20,5 | 11,0 | 16,0 | 9,5 | 3 | C012A0438 |
| 6 | M5 | 22,5 | 5,0 | 16,5 | 12,0 | 2 | C022A0605 |
| 6 | M6 | 22,5 | 4,0 | 16,5 | 12,0 | 2 | C022A0606 |
| 6 | R1/8 | 22,0 | 8,0 | 16,5 | 12,0 | 4 | C012A0618 |
| 6 | R1/4 | 22,5 | 10,0 | 16,5 | 12,0 | 4 | C012A0628 |
| 6 | R3/8 | 22,5 | 11,0 | 16,5 | 12,0 | 4 | C012A0638 |
| 8 | R1/8 | 27,0 | 8,0 | 17,5 | 14,0 | 4 | C012A0818 |
| 8 | R1/4 | 25,0 | 10,0 | 17,5 | 14,0 | 6 | C012A0828 |
| 8 | R3/8 | 25,0 | 11,0 | 17,5 | 14,0 | 6 | C012A0838 |
| 8 | R1/2 | 25,0 | 14,0 | 17,5 | 14,0 | 6 | C012A0848 |
| 10 | R1/8 | 28,0 | 8,0 | 18,5 | 16,5 | 5 | C012A1018 |
| 10 | R1/4 | 29,0 | 10,0 | 18,5 | 16,5 | 6 | C012A1028 |
| 10 | R3/8 | 29,0 | 11,0 | 18,5 | 16,5 | 6 | C012A1038 |
| 10 | R1/2 | 29,0 | 14,0 | 18,5 | 16,5 | 6 | C012A1048 |
| 12 | R1/8 | 35,0 | 8,0 | 21,0 | 19,0 | 5 | C012A1218 |
| 12 | R1/4 | 32,5 | 10,0 | 21,0 | 19,0 | 6 | C012A1228 |
| 12 | R3/8 | 32,5 | 11,0 | 21,0 | 19,0 | 8 | C012A1238 |
| 12 | R1/2 | 32,5 | 14,0 | 21,0 | 19,0 | 8 | C012A1248 |



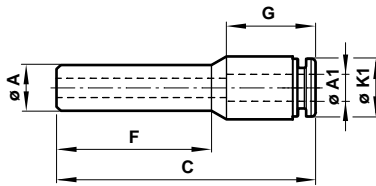
C0226



Straight Adaptor
(Female thread)

| Ø A | B | C | G | G1 | Ø K | ⌀ | Typ |
|-----|------|------|------|------|------|----|-----------|
| 4 | G1/8 | 26,5 | 9,0 | 16,0 | 9,5 | 14 | C02260418 |
| 4 | G1/4 | 28,5 | 11,0 | 16,0 | 9,5 | 17 | C02260428 |
| 4 | G3/8 | 30,0 | 12,0 | 16,0 | 9,5 | 22 | C02260438 |
| 6 | G1/8 | 27,5 | 9,0 | 16,5 | 12,0 | 14 | C02260618 |
| 6 | G1/4 | 29,5 | 11,0 | 16,5 | 12,0 | 17 | C02260628 |
| 6 | G3/8 | 30,0 | 12,0 | 16,5 | 12,0 | 22 | C02260638 |
| 8 | G1/8 | 28,5 | 9,0 | 17,5 | 14,0 | 14 | C02260818 |
| 8 | G1/4 | 30,5 | 11,0 | 17,5 | 14,0 | 17 | C02260828 |
| 8 | G3/8 | 31,5 | 12,0 | 17,5 | 14,0 | 22 | C02260838 |
| 8 | G1/2 | 34,5 | 14,0 | 17,5 | 14,0 | 24 | C02260848 |
| 10 | G1/8 | 31,5 | 9,0 | 18,5 | 16,5 | 17 | C02261018 |
| 10 | G1/4 | 31,5 | 11,0 | 18,5 | 16,5 | 17 | C02261028 |
| 10 | G3/8 | 32,5 | 12,0 | 18,5 | 16,5 | 22 | C02261038 |
| 10 | G1/2 | 34,5 | 14,0 | 18,5 | 16,5 | 24 | C02261048 |
| 12 | G1/4 | 34,5 | 11,0 | 21,0 | 19,0 | 22 | C02261228 |
| 12 | G3/8 | 34,5 | 12,0 | 21,0 | 19,0 | 22 | C02261238 |
| 12 | G1/2 | 36,5 | 14,0 | 21,0 | 19,0 | 24 | C02261248 |

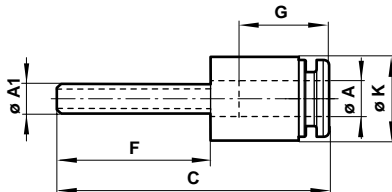
C0023



Stem Reducer
(Stem/tube)

| Ø A | Ø A1 | C | F | G | Ø K1 | Typ |
|-----|------|------|------|------|------|-----------|
| 6 | 4 | 41,0 | 21,5 | 13,0 | 9,5 | C00230604 |
| 8 | 4 | 42,0 | 22,5 | 13,0 | 9,5 | C00230804 |
| 8 | 6 | 44,5 | 23,5 | 13,5 | 12,0 | C00230806 |
| 10 | 6 | 47,5 | 26,5 | 13,5 | 12,0 | C00231006 |
| 10 | 8 | 49,5 | 27,5 | 14,0 | 14,0 | C00231008 |
| 12 | 6 | 52,0 | 29,5 | 13,5 | 12,0 | C00231206 |
| 12 | 8 | 52,5 | 30,5 | 14,0 | 14,0 | C00231208 |
| 12 | 10 | 56,5 | 31,0 | 15,0 | 16,5 | C00231210 |
| 16 | 12 | 57,5 | 33,0 | 18,5 | 19,0 | C00231612 |

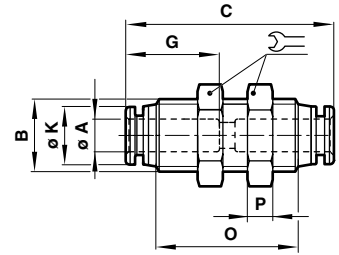
C0023



Stem Expander
(Stem/tube)

| Ø A | Ø A1 | C | F | G | Ø K | Typ |
|-----|------|------|------|------|------|-----------|
| 6 | 4 | 41,0 | 24,0 | 13,5 | 12,0 | C00230406 |
| 8 | 6 | 44,0 | 26,5 | 14,0 | 14,0 | C00230608 |

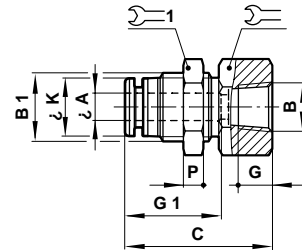
C0029



Bulkhead Union

| Ø A | B | C | G | Ø K | O | P | ⌀ | Typ |
|-----|-------|------|------|------|------|---|----|-----------|
| 4 | M12x1 | 35,5 | 16,5 | 9,5 | 24,5 | 4 | 14 | C00290400 |
| 6 | M14x1 | 40,0 | 17,5 | 12,0 | 27,5 | 4 | 17 | C00290600 |
| 8 | M16x1 | 42,0 | 18,5 | 14,0 | 29,5 | 5 | 19 | C00290800 |
| 10 | M20x1 | 45,0 | 19,5 | 16,5 | 31,5 | 5 | 24 | C00291000 |
| 12 | M22x1 | 50,5 | 22,0 | 19,0 | 36,0 | 5 | 26 | C00291200 |

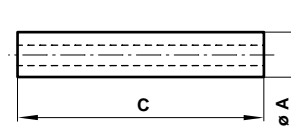
C0232



Straight Adaptor
(Female bulkhead)

| Ø A | B | B1 | C | G | G1 | Ø K | P | ⌀ | ⌀ 1 | Typ |
|-----|------|-------|------|------|------|------|---|----|-----|-----------|
| 4 | G1/8 | M12x1 | 26,5 | 9,0 | 17,0 | 9,5 | 4 | 14 | 14 | C02320418 |
| 4 | G1/4 | M12x1 | 29,0 | 11,0 | 17,0 | 9,5 | 4 | 17 | 17 | C02320428 |
| 4 | G3/8 | M12x1 | 30,0 | 12,0 | 17,0 | 9,5 | 4 | 17 | 19 | C02320438 |
| 6 | G1/8 | M14x1 | 28,5 | 9,0 | 17,5 | 12,0 | 4 | 17 | 17 | C02320618 |
| 6 | G1/4 | M14x1 | 30,5 | 11,0 | 17,5 | 12,0 | 4 | 17 | 17 | C02320628 |
| 6 | G3/8 | M14x1 | 31,5 | 12,0 | 17,5 | 12,0 | 4 | 17 | 22 | C02320638 |
| 8 | G1/8 | M16x1 | 29,5 | 9,0 | 18,5 | 14,0 | 5 | 19 | 19 | C02320818 |
| 8 | G1/4 | M16x1 | 31,5 | 11,0 | 18,5 | 14,0 | 5 | 19 | 19 | C02320828 |
| 8 | G3/8 | M16x1 | 32,5 | 12,0 | 18,5 | 14,0 | 5 | 19 | 22 | C02320838 |
| 10 | G1/4 | M20x1 | 32,5 | 11,0 | 19,5 | 16,5 | 5 | 24 | 24 | C02321028 |
| 10 | G3/8 | M20x1 | 33,5 | 12,0 | 19,5 | 16,5 | 5 | 24 | 24 | C02321038 |
| 10 | G1/2 | M20x1 | 36,0 | 14,0 | 19,5 | 16,5 | 5 | 24 | 24 | C02321048 |
| 12 | G1/4 | M22x1 | 38,0 | 11,0 | 22,0 | 19,0 | 5 | 28 | 24 | C02321228 |
| 12 | G3/8 | M22x1 | 38,0 | 12,0 | 22,0 | 19,0 | 5 | 26 | 24 | C02321238 |
| 12 | G1/2 | M22x1 | 40,0 | 14,0 | 22,0 | 19,0 | 5 | 26 | 24 | C02321248 |

C0022

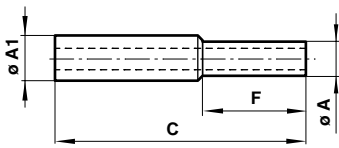


Stem Union
(Unequal)

| Ø A | C | Typ |
|-----|------|-----------|
| 4 | 37,0 | C00220400 |
| 6 | 38,0 | C00220600 |
| 8 | 41,0 | C00220800 |
| 10 | 44,0 | C00221000 |
| 12 | 49,0 | C00221200 |
| 16 | 53,0 | C00221600 |



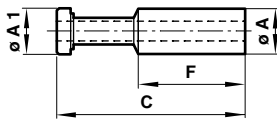
C0022



Stem Union
(Unequal)

| Ø A | Ø A1 | C | F | Typ |
|-----|------|------|------|-----------|
| 4 | 6 | 38,0 | 18,0 | C00220604 |
| 6 | 8 | 41,5 | 20,5 | C00220806 |
| 8 | 10 | 43,5 | 21,5 | C00221008 |
| 10 | 12 | 46,5 | 22,5 | C00221210 |
| 12 | 16 | 52,0 | 25,0 | C00221612 |

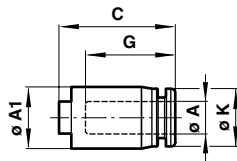
C0004



Plug

| Ø A | Ø A1 | C | F | Typ |
|-----|------|------|------|-----------|
| 4 | 4 | 30,0 | 17,5 | C00040400 |
| 6 | 6 | 34,0 | 18,5 | C00040600 |
| 8 | 8 | 38,0 | 21,0 | C00040800 |
| 10 | 10 | 42,0 | 24,0 | C00041000 |
| 12 | 12 | 46,0 | 29,5 | C00041200 |
| 16 | 16 | 50,0 | 30,0 | C00041600 |

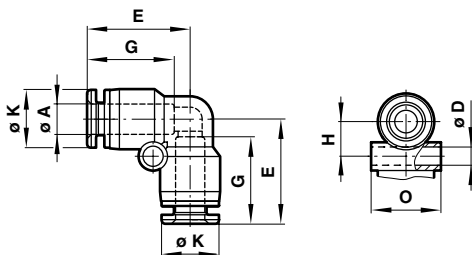
C0012



Cap
(Female plug)

| Ø A | Ø A1 | C | G | Ø K | Typ |
|-----|------|------|------|------|-----------|
| 4 | 10,5 | 18,0 | 17,0 | 9,5 | C00120400 |
| 6 | 12,5 | 19,0 | 17,5 | 12,0 | C00120600 |
| 8 | 14,5 | 21,0 | 18,5 | 14,0 | C00120800 |
| 10 | 17,5 | 23,0 | 19,5 | 16,5 | C00121000 |
| 12 | 19,5 | 25,0 | 22,0 | 19,0 | C00121200 |
| 16 | 24,0 | 25,0 | 18,0 | 25,0 | C00121600 |

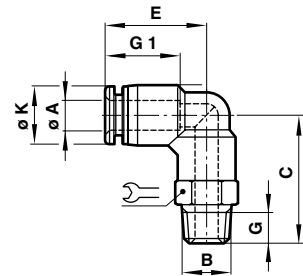
C0040



Union Elbow

| Ø A | Ø D | E | G | H | Ø K | O | Typ |
|-----|-----|------|------|------|------|------|-----------|
| 4 | 3,3 | 19,0 | 15,5 | 8,5 | 9,5 | 10,5 | C00400400 |
| 6 | 3,3 | 21,0 | 17,5 | 7,5 | 12,0 | 12,5 | C00400600 |
| 8 | 4,3 | 22,5 | 18,5 | 9,0 | 14,0 | 14,5 | C00400800 |
| 10 | 4,3 | 26,0 | 20,0 | 12,0 | 16,5 | 18,0 | C00401000 |
| 12 | 4,3 | 30,0 | 23,0 | 13,5 | 19,0 | 21,0 | C00401200 |
| 16 | 4,3 | 34,0 | 24,0 | 16,0 | 25,0 | 25,5 | C00401600 |

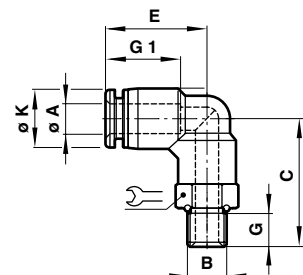
C0147



90° Swivel Elbow Adaptor

| Ø A | B | C | E | G | G1 | Ø K | Typ | |
|-----|------|------|------|------|------|------|-----|-----------|
| 4 | R1/8 | 24,5 | 18,5 | 8,0 | 17,0 | 9,5 | 10 | C01470418 |
| 4 | R1/4 | 26,5 | 18,5 | 10,0 | 17,0 | 9,5 | 14 | C01470428 |
| 4 | R3/8 | 27,5 | 18,5 | 11,0 | 17,0 | 9,5 | 17 | C01470438 |
| 6 | R1/8 | 26,5 | 20,5 | 8,0 | 17,5 | 12,0 | 12 | C01470618 |
| 6 | R1/4 | 29,5 | 20,5 | 10,0 | 17,5 | 12,0 | 14 | C01470628 |
| 6 | R3/8 | 30,5 | 20,5 | 11,0 | 17,5 | 12,0 | 17 | C01470638 |
| 6 | R1/2 | 33,5 | 20,5 | 14,0 | 17,5 | 12,0 | 22 | C01470648 |
| 8 | R1/8 | 28,0 | 23,0 | 8,0 | 18,5 | 14,0 | 14 | C01470818 |
| 8 | R1/4 | 31,0 | 23,0 | 10,0 | 18,5 | 14,0 | 14 | C01470828 |
| 8 | R3/8 | 32,0 | 23,0 | 11,0 | 18,5 | 14,0 | 17 | C01470838 |
| 8 | R1/2 | 35,0 | 23,0 | 14,0 | 18,5 | 14,0 | 22 | C01470848 |
| 10 | R1/8 | 28,5 | 23,5 | 8,0 | 19,5 | 16,5 | 17 | C01471018 |
| 10 | R1/4 | 31,5 | 23,5 | 10,0 | 19,5 | 16,5 | 17 | C01471028 |
| 10 | R3/8 | 32,5 | 23,5 | 11,0 | 19,5 | 16,5 | 17 | C01471038 |
| 10 | R1/2 | 35,5 | 23,5 | 14,0 | 19,5 | 16,5 | 22 | C01471048 |
| 12 | R1/8 | 32,5 | 27,5 | 8,0 | 22,0 | 19,0 | 19 | C01471218 |
| 12 | R1/4 | 34,5 | 27,5 | 10,0 | 22,0 | 19,0 | 19 | C01471228 |
| 12 | R3/8 | 35,5 | 27,5 | 11,0 | 22,0 | 19,0 | 19 | C01471238 |
| 12 | R1/2 | 38,5 | 27,5 | 14,0 | 22,0 | 19,0 | 22 | C01471248 |
| 16 | R3/8 | 43,0 | 32,5 | 11,0 | 24,0 | 25,0 | 24 | C01471638 |
| 16 | R1/2 | 46,0 | 32,5 | 14,0 | 24,0 | 25,0 | 24 | C01471648 |

C0247

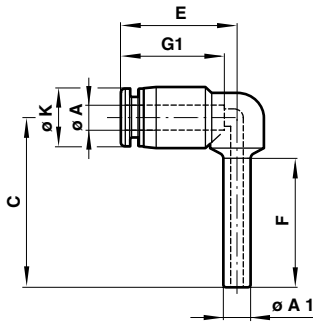


90° Swivel Elbow Adaptor

| Ø A | B | C | E | G | G1 | Ø K | Typ | |
|-----|------|------|------|------|------|------|-----|-----------|
| 4 | M5 | 22,0 | 18,5 | 4,5 | 17,0 | 9,5 | 10 | C02470405 |
| 4 | M6 | 22,0 | 18,5 | 4,5 | 17,0 | 9,5 | 10 | C02470406 |
| 4 | G1/8 | 22,5 | 18,5 | 6,0 | 17,0 | 9,5 | 14 | C02470418 |
| 4 | G1/4 | 24,5 | 18,5 | 8,0 | 17,0 | 9,5 | 17 | C02470428 |
| 4 | G3/8 | 24,5 | 18,5 | 8,0 | 17,0 | 9,5 | 20 | C02470438 |
| 6 | M5 | 24,0 | 20,5 | 4,5 | 17,0 | 12,0 | 12 | C02470605 |
| 6 | M6 | 24,0 | 20,5 | 4,5 | 17,5 | 12,0 | 12 | C02470606 |
| 6 | G1/8 | 24,5 | 20,5 | 6,0 | 17,5 | 12,0 | 14 | C02470618 |
| 6 | G1/4 | 26,5 | 20,5 | 8,0 | 17,5 | 12,0 | 17 | C02470628 |
| 6 | G3/8 | 26,5 | 20,5 | 9,0 | 17,5 | 12,0 | 20 | C02470638 |
| 8 | G1/8 | 26,0 | 23,0 | 8,0 | 18,5 | 14,0 | 14 | C02470818 |
| 8 | G1/4 | 28,0 | 23,0 | 8,0 | 18,5 | 14,0 | 21 | C02470828 |
| 8 | G3/8 | 28,0 | 23,0 | 9,0 | 18,5 | 14,0 | 20 | C02470838 |
| 8 | G1/2 | 29,0 | 23,0 | 10,0 | 18,5 | 14,0 | 24 | C02470848 |
| 10 | G1/8 | 26,5 | 23,5 | 6,0 | 19,5 | 16,5 | 17 | C02471018 |
| 10 | G1/4 | 28,5 | 23,5 | 8,0 | 19,5 | 16,5 | 17 | C02471028 |
| 10 | G3/8 | 28,5 | 23,5 | 9,0 | 19,5 | 16,5 | 20 | C02471038 |
| 10 | G1/2 | 29,5 | 23,5 | 10,0 | 19,5 | 16,5 | 24 | C02471048 |
| 12 | G1/4 | 32,5 | 27,5 | 8,0 | 22,0 | 19,0 | 19 | C02471228 |
| 12 | G3/8 | 32,5 | 27,5 | 9,0 | 22,0 | 19,0 | 20 | C02471238 |
| 12 | G1/2 | 32,5 | 27,5 | 10,0 | 22,0 | 19,0 | 24 | C02471248 |
| 16 | G3/8 | 41,0 | 32,5 | 9,0 | 24,0 | 25,0 | 24 | C02471638 |
| 16 | G1/2 | 42,0 | 32,5 | 10,0 | 24,0 | 25,0 | 24 | C02471648 |



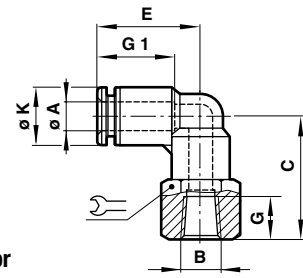
C0043



Stem Elbow

| Ø A | Ø A1 | C | E | G1 | F | Ø K | Typ |
|-----|------|------|------|------|------|------|-----------|
| 4 | 4 | 28,5 | 19,0 | 17,0 | 22,0 | 9,5 | C00430400 |
| 6 | 6 | 31,5 | 20,5 | 17,5 | 24,0 | 12,0 | C00430600 |
| 8 | 8 | 34,5 | 23,0 | 19,0 | 26,0 | 14,0 | C00430800 |
| 10 | 10 | 38,0 | 24,0 | 19,5 | 28,0 | 16,5 | C00431000 |
| 12 | 12 | 41,0 | 28,0 | 22,0 | 30,0 | 19,0 | C00431200 |
| 16 | 16 | 48,5 | 32,0 | 24,0 | 35,0 | 25,0 | C00431600 |

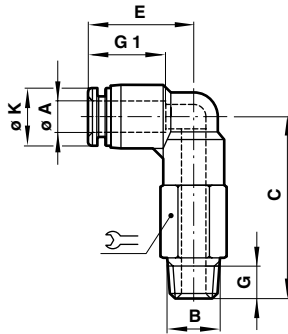
C0148/C0248



90° Swivel Elbow Adaptor (Female)

| Ø A | B | C | E | G | G1 | Ø K | Typ | |
|-----|------|------|------|------|------|------|-----|-----------|
| 4 | M5 | 21,5 | 18,5 | 4,5 | 17,0 | 9,5 | 10 | C02480405 |
| 4 | M6 | 21,5 | 18,5 | 4,5 | 17,0 | 9,5 | 10 | C02480406 |
| 4 | R1/8 | 22,5 | 18,5 | 9,0 | 17,0 | 9,5 | 14 | C01480418 |
| 4 | R1/4 | 24,5 | 18,5 | 11,0 | 17,0 | 9,5 | 17 | C01480428 |
| 6 | M5 | 23,5 | 20,5 | 4,5 | 17,5 | 12,0 | 12 | C02480605 |
| 6 | M6 | 23,5 | 20,5 | 4,5 | 17,5 | 12,0 | 12 | C02480606 |
| 6 | R1/8 | 24,5 | 20,5 | 9,0 | 17,5 | 12,0 | 14 | C01480618 |
| 6 | R1/4 | 26,5 | 20,5 | 11,0 | 17,5 | 12,0 | 17 | C01480628 |
| 6 | R3/8 | 27,5 | 20,5 | 12,0 | 17,5 | 12,0 | 21 | C01480638 |
| 8 | R1/8 | 26,0 | 23,0 | 9,0 | 18,5 | 14,0 | 14 | C01480818 |
| 8 | R1/4 | 28,0 | 23,0 | 11,0 | 18,5 | 14,0 | 17 | C01480828 |
| 8 | R3/8 | 29,0 | 23,0 | 12,0 | 18,5 | 14,0 | 22 | C01480838 |
| 10 | R1/4 | 28,5 | 23,5 | 11,0 | 19,5 | 16,5 | 17 | C01481028 |
| 10 | R3/8 | 29,5 | 23,5 | 12,0 | 19,5 | 16,5 | 22 | C01481038 |
| 10 | R1/2 | 31,5 | 23,5 | 14,0 | 19,5 | 16,5 | 24 | C01481048 |
| 12 | R1/4 | 31,5 | 27,5 | 11,0 | 22,0 | 19,0 | 19 | C01481228 |
| 12 | R3/8 | 32,5 | 27,5 | 12,0 | 22,0 | 19,0 | 22 | C01481238 |
| 12 | R1/2 | 34,5 | 27,5 | 14,0 | 22,0 | 19,0 | 24 | C01481248 |

C0154, C0254

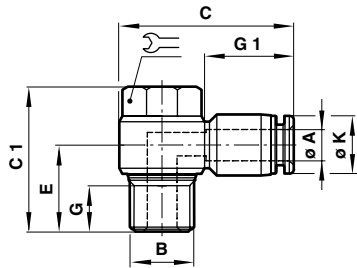


90° Swivel Elbow Adaptor (Extended)

| Ø A | B | C | E | G | G1 | Ø K | Typ | |
|-----|------|------|------|------|------|------|-----|-----------|
| 4 | M5 | 33,5 | 18,5 | 4,6 | 17,0 | 9,5 | 10 | C02540405 |
| 4 | M6 | 33,0 | 18,5 | 4,6 | 17,0 | 9,5 | 10 | C02540406 |
| 4 | R1/8 | 35,5 | 18,5 | 8,0 | 17,0 | 9,5 | 10 | C01540418 |
| 4 | R1/4 | 37,5 | 18,5 | 10,0 | 17,0 | 9,5 | 14 | C01540428 |
| 4 | R3/8 | 38,5 | 18,5 | 11,0 | 17,0 | 9,5 | 17 | C01540438 |
| 6 | M5 | 38,0 | 20,5 | 4,5 | 17,5 | 12,0 | 12 | C02540605 |
| 6 | M6 | 37,5 | 20,5 | 4,5 | 17,5 | 12,0 | 12 | C02540606 |
| 6 | R1/8 | 40,0 | 20,5 | 8,0 | 17,5 | 12,0 | 12 | C01540618 |
| 6 | R1/4 | 42,0 | 20,5 | 10,0 | 17,5 | 12,0 | 14 | C01540628 |
| 6 | R3/8 | 43,0 | 20,5 | 11,0 | 17,5 | 12,0 | 17 | C01540638 |
| 6 | R1/2 | 46,0 | 20,5 | 14,0 | 17,5 | 12,0 | 22 | C01540648 |
| 8 | R1/8 | 44,0 | 23,0 | 8,0 | 18,5 | 14,0 | 14 | C01540818 |
| 8 | R1/4 | 46,0 | 23,0 | 10,0 | 18,5 | 14,0 | 14 | C01540828 |
| 8 | R3/8 | 47,0 | 23,0 | 11,0 | 18,5 | 14,0 | 17 | C01540838 |
| 8 | R1/2 | 50,0 | 23,0 | 14,0 | 18,5 | 14,0 | 22 | C01540848 |
| 10 | R1/8 | 47,5 | 23,5 | 8,0 | 19,5 | 16,5 | 17 | C01541018 |
| 10 | R1/4 | 49,5 | 23,5 | 10,0 | 19,5 | 16,5 | 17 | C01541028 |
| 10 | R3/8 | 50,5 | 23,5 | 11,0 | 19,5 | 16,5 | 17 | C01541038 |
| 10 | R1/2 | 53,5 | 23,5 | 14,0 | 19,5 | 16,5 | 22 | C01541048 |
| 12 | R1/8 | 54,0 | 27,5 | 8,0 | 22,0 | 19,0 | 19 | C01541218 |
| 12 | R1/4 | 56,0 | 27,5 | 10,0 | 22,0 | 19,0 | 19 | C01541228 |
| 12 | R3/8 | 57,0 | 27,5 | 11,0 | 22,0 | 19,0 | 19 | C01541238 |
| 12 | R1/2 | 60,0 | 27,5 | 14,0 | 22,0 | 19,0 | 22 | C01541248 |
| 16 | R3/8 | 69,0 | 32,5 | 11,0 | 24,0 | 25,0 | 24 | C01541638 |
| 16 | R1/2 | 72,0 | 32,5 | 14,0 | 24,0 | 25,0 | 24 | C01541648 |



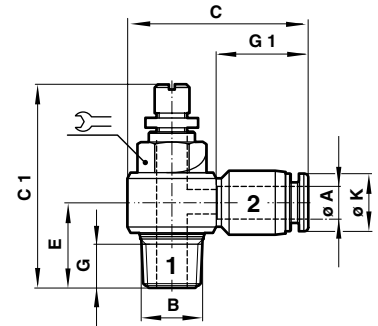
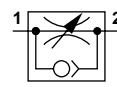
C0A51



Banjo

| Ø A | B | C | C1 | E | G | G1 | Ø K | ≡ | Typ |
|-----|------|------|------|------|------|------|------|----|-----------|
| 4 | M5 | 25,0 | 18,0 | 10,0 | 3,5 | 16,5 | 9,5 | 8 | C0A510405 |
| 4 | G1/8 | 30,5 | 25,0 | 14,5 | 11,0 | 16,5 | 9,5 | 8 | C0A510418 |
| 4 | G1/4 | 34,5 | 29,0 | 16,5 | 10,0 | 16,5 | 9,5 | 15 | C0A510428 |
| 6 | M5 | 18,0 | 28,0 | 11,0 | 3,5 | 17,5 | 12,0 | 8 | C0A510605 |
| 6 | G1/8 | 31,0 | 25,0 | 14,5 | 8,0 | 17,5 | 12,0 | 11 | C0A510618 |
| 6 | G1/4 | 35,0 | 29,0 | 16,5 | 10,0 | 17,5 | 12,0 | 15 | C0A510628 |
| 6 | G3/8 | 38,5 | 32,5 | 20,5 | 11,0 | 17,5 | 12,0 | 19 | C0A510638 |
| 8 | G1/8 | 33,0 | 25,0 | 13,5 | 8,0 | 18,5 | 14,0 | 11 | C0A510818 |
| 8 | G1/4 | 37,0 | 29,0 | 16,0 | 10,0 | 18,5 | 14,0 | 15 | C0A510828 |
| 8 | G3/8 | 40,0 | 32,5 | 20,5 | 11,0 | 18,5 | 14,0 | 19 | C0A510838 |
| 8 | G1/2 | 46,0 | 39,5 | 23,0 | 14,0 | 18,5 | 14,0 | 24 | C0A510848 |
| 10 | G1/4 | 39,0 | 29,0 | 15,5 | 10,0 | 19,5 | 16,5 | 15 | C0A511028 |
| 10 | G3/8 | 42,0 | 32,5 | 19,5 | 11,0 | 19,5 | 16,5 | 19 | C0A511038 |
| 10 | G1/2 | 47,5 | 39,5 | 23,0 | 14,0 | 19,5 | 16,5 | 24 | C0A511048 |
| 12 | G3/8 | 46,0 | 32,5 | 18,5 | 11,0 | 22,0 | 19,0 | 19 | C0A511238 |
| 12 | G1/2 | 50,0 | 39,5 | 21,5 | 14,0 | 22,0 | 19,0 | 24 | C0A511248 |

C0TA0

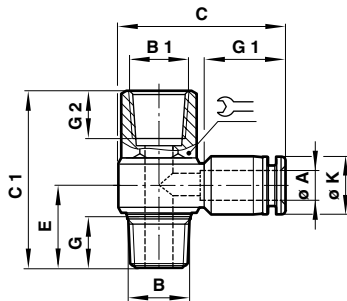


Banjo Flow Control

| Ø A | B | C | C1 | E | G | G1 | Ø K | ≡ | Typ | |
|-----|------|------|------|------|------|------|------|------|-----|-----------|
| | | | min. | max. | | | | | | |
| 4 | R1/8 | 30,5 | 35,0 | 40,0 | 14,5 | 8,0 | 16,5 | 9,5 | 11 | C0TA00418 |
| 4 | R1/4 | 34,5 | 40,0 | 45,5 | 18,0 | 10,0 | 16,5 | 9,5 | 15 | C0TA00428 |
| 6 | R1/8 | 31,0 | 35,0 | 31,0 | 14,5 | 8,0 | 17,5 | 12,0 | 11 | C0TA00618 |
| 6 | R1/4 | 35,0 | 40,0 | 45,5 | 18,0 | 10,0 | 17,5 | 12,0 | 15 | C0TA00628 |
| 6 | R3/8 | 38,5 | 46,5 | 55,0 | 21,0 | 11,0 | 17,5 | 12,0 | 19 | C0TA00638 |
| 8 | R1/8 | 33,0 | 35,0 | 40,0 | 15,5 | 8,0 | 18,5 | 14,0 | 11 | C0TA00818 |
| 8 | R1/4 | 37,0 | 40,0 | 45,5 | 19,0 | 10,0 | 18,5 | 14,0 | 15 | C0TA00828 |
| 8 | R3/8 | 40,0 | 46,5 | 55,0 | 21,0 | 11,0 | 18,5 | 14,0 | 19 | C0TA00838 |
| 8 | R1/2 | 46,0 | 53,0 | 60,0 | 25,0 | 14,0 | 18,5 | 14,0 | 24 | C0TA00848 |
| 10 | R1/4 | 39,0 | 40,0 | 45,5 | 20,0 | 10,0 | 19,5 | 16,5 | 15 | C0TA01028 |
| 10 | R3/8 | 42,0 | 46,5 | 55,0 | 22,5 | 11,0 | 19,5 | 16,5 | 19 | C0TA01038 |
| 10 | R1/2 | 47,5 | 53,0 | 60,0 | 25,0 | 14,0 | 19,5 | 16,5 | 24 | C0TA01048 |
| 12 | R1/4 | 41,0 | 40,0 | 45,5 | 22,0 | 10,0 | 22,0 | 19,0 | 15 | C0TA01228 |
| 12 | R3/8 | 46,0 | 46,5 | 55,0 | 23,0 | 11,0 | 22,0 | 19,0 | 19 | C0TA01238 |
| 12 | R1/2 | 50,0 | 53,0 | 60,0 | 27,0 | 14,0 | 22,0 | 19,0 | 24 | C0TA01248 |

Control flow, see Page 4

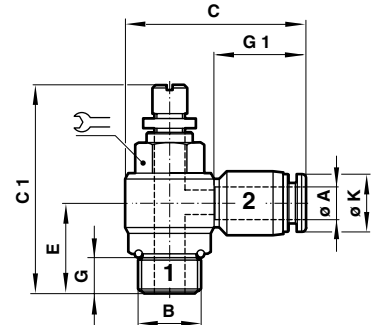
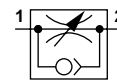
**C0D51
C0E51
C0F51
C0G51**



Banjo with Top Port

| Ø A | B/B1 | C | C1 | E | G | G1 | G2 | Ø K | ≡ | Typ |
|-----|------|------|------|------|------|------|------|------|----|-----------|
| 4 | M5 | 25,0 | 20,0 | 10,0 | 3,5 | 16,5 | 6,0 | 9,5 | 8 | C0D510405 |
| 4 | R1/8 | 30,5 | 30,0 | 14,5 | 9,0 | 16,5 | 8,0 | 9,5 | 17 | C0E510418 |
| 4 | R1/4 | 34,5 | 35,5 | 18,0 | 11,0 | 16,5 | 10,0 | 9,5 | 17 | C0F510428 |
| 6 | M5 | 28,0 | 20,0 | 11,0 | 3,5 | 17,5 | 6,0 | 12,0 | 8 | C0D510605 |
| 6 | R1/8 | 31,0 | 30,0 | 14,5 | 9,0 | 17,5 | 8,0 | 12,0 | 14 | C0E510618 |
| 6 | R1/4 | 35,0 | 35,5 | 18,0 | 11,0 | 17,5 | 10,0 | 12,0 | 17 | C0F510628 |
| 6 | R3/8 | 38,5 | 41,0 | 21,0 | 12,0 | 17,5 | 11,0 | 12,0 | 21 | C0G510638 |
| 8 | R1/8 | 33,0 | 30,0 | 15,5 | 9,0 | 18,5 | 8,0 | 14,0 | 14 | C0E510818 |
| 8 | R1/4 | 38,0 | 35,5 | 19,0 | 11,0 | 18,5 | 10,0 | 14,0 | 17 | C0F510828 |
| 8 | R3/8 | 40,0 | 41,0 | 21,0 | 12,0 | 18,5 | 11,0 | 14,0 | 21 | C0G510838 |
| 10 | R1/4 | 39,0 | 35,5 | 20,0 | 11,0 | 19,5 | 10,0 | 16,5 | 17 | C0F511028 |
| 10 | R3/8 | 42,0 | 41,0 | 22,5 | 12,0 | 19,5 | 11,0 | 16,5 | 21 | C0G511038 |
| 12 | R3/8 | 46,0 | 41,0 | 23,0 | 12,0 | 22,0 | 11,0 | 19,0 | 21 | C0G511238 |

C0K51



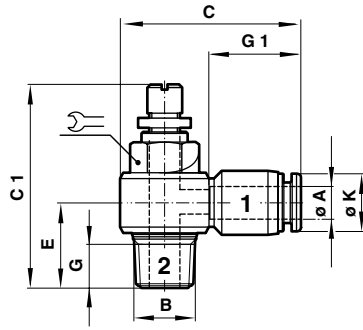
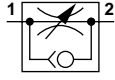
Banjo Flow Control

| Ø A | B | C | C1 | E | G | G1 | Ø K | ≡ | Typ | |
|-----|------|------|------|------|------|-----|------|------|-----|-----------|
| | | | min. | max. | | | | | | |
| 3 | M5 | 21,5 | 27,0 | 30,0 | 9,5 | 3,5 | 11,0 | 7,5 | 8 | C0K510305 |
| 4 | M5 | 25,0 | 27,0 | 30,0 | 10,0 | 3,5 | 16,5 | 9,5 | 15 | C0K510405 |
| 4 | G1/8 | 30,5 | 35,0 | 40,0 | 15,0 | 6,0 | 16,5 | 9,5 | 8 | C0K510418 |
| 4 | G1/4 | 34,5 | 40,0 | 45,5 | 17,0 | 8,0 | 16,5 | 9,5 | 12 | C0K510428 |
| 6 | M5 | 28,0 | 27,0 | 30,0 | 11,0 | 3,5 | 17,5 | 12,0 | 8 | C0K510605 |
| 6 | G1/8 | 31,0 | 35,0 | 40,0 | 15,0 | 6,0 | 17,5 | 12,0 | 8 | C0K510618 |
| 6 | G1/4 | 35,0 | 40,0 | 45,5 | 17,0 | 8,0 | 17,5 | 12,0 | 12 | C0K510628 |
| 6 | G3/8 | 38,5 | 46,5 | 55,0 | 21,0 | 8,0 | 17,5 | 12,0 | 14 | C0K510638 |
| 8 | G1/8 | 33,0 | 35,0 | 40,0 | 14,0 | 6,0 | 18,5 | 14,0 | 8 | C0K510818 |
| 8 | G1/4 | 37,0 | 40,0 | 45,5 | 16,0 | 8,0 | 18,5 | 14,0 | 12 | C0K510828 |
| 8 | G3/8 | 40,0 | 46,5 | 55,0 | 21,0 | 8,0 | 18,5 | 14,0 | 14 | C0K510838 |
| 8 | G1/2 | 46,0 | 53,0 | 60,0 | 22,5 | 9,0 | 18,5 | 14,0 | 19 | C0K510848 |
| 10 | G1/4 | 39,0 | 40,0 | 45,5 | 18,0 | 8,0 | 19,5 | 16,5 | 12 | C0K511028 |
| 10 | G3/8 | 42,0 | 46,5 | 55,0 | 19,5 | 8,0 | 19,5 | 16,5 | 14 | C0K511038 |
| 10 | G1/2 | 47,5 | 53,0 | 60,0 | 22,5 | 9,0 | 19,5 | 16,5 | 19 | C0K511048 |
| 12 | G1/4 | 41,0 | 40,0 | 45,5 | 20,0 | 8,0 | 22,0 | 19,0 | 12 | C0K511228 |
| 12 | G3/8 | 46,0 | 46,5 | 55,0 | 19,0 | 8,0 | 22,0 | 19,0 | 14 | C0K511238 |
| 12 | G1/2 | 50,0 | 53,0 | 60,0 | 21,0 | 9,0 | 22,0 | 19,0 | 19 | C0K511248 |

Control flow, see Page 4



C0SA0



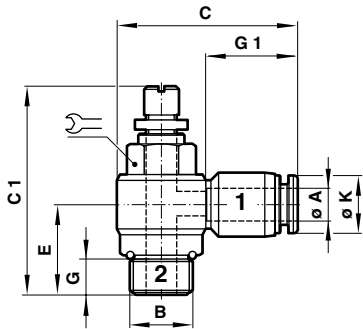
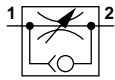
Banjo Flow Control

(in)

| Ø A | B | C | C1 | | E | G | G1 | Ø K | Typ | |
|-----|------|------|------|------|------|------|------|------|-----|-----------|
| | | | min. | max. | | | | | | |
| 4 | R1/8 | 30,5 | 35,0 | 40,0 | 14,5 | 8,0 | 16,5 | 9,5 | 11 | C0SA00418 |
| 4 | R1/4 | 34,5 | 40,0 | 45,5 | 18,0 | 10,0 | 16,5 | 9,5 | 15 | C0SA00428 |
| 6 | R1/8 | 31,0 | 35,0 | 40,0 | 14,5 | 8,0 | 17,5 | 12,0 | 11 | C0SA00618 |
| 6 | R1/4 | 35,0 | 40,0 | 45,5 | 18,0 | 10,0 | 17,5 | 12,0 | 15 | C0SA00628 |
| 6 | R3/8 | 39,0 | 46,5 | 55,0 | 21,0 | 11,0 | 17,5 | 12,0 | 19 | C0SA00638 |
| 8 | R1/8 | 33,0 | 35,0 | 40,0 | 15,5 | 8,0 | 18,5 | 14,0 | 11 | C0SA00818 |
| 8 | R1/4 | 37,0 | 40,0 | 45,5 | 19,0 | 10,0 | 18,5 | 14,0 | 15 | C0SA00828 |
| 8 | R3/8 | 40,0 | 46,5 | 55,0 | 21,0 | 11,0 | 18,5 | 14,0 | 19 | C0SA00838 |
| 8 | R1/2 | 46,0 | 53,0 | 60,0 | 25,0 | 14,0 | 18,5 | 14,0 | 24 | C0SA00848 |
| 10 | R1/4 | 39,0 | 40,0 | 45,5 | 20,0 | 10,0 | 19,5 | 16,5 | 15 | C0SA01028 |
| 10 | R3/8 | 42,0 | 46,5 | 55,0 | 22,5 | 11,0 | 19,5 | 16,5 | 19 | C0SA01038 |
| 10 | R1/2 | 47,5 | 53,0 | 60,0 | 25,0 | 14,0 | 19,5 | 16,5 | 24 | C0SA01048 |
| 12 | R1/4 | 41,0 | 40,0 | 45,5 | 22,0 | 10,0 | 22 | 19,0 | 15 | C0SA01228 |
| 12 | R3/8 | 46,0 | 46,5 | 55,0 | 23,0 | 11,0 | 22 | 19,0 | 19 | C0SA01238 |
| 12 | R1/2 | 50,0 | 53,0 | 60,0 | 27,0 | 14,0 | 22 | 19,0 | 24 | C0SA01248 |

Please see Speed Controllers Flowrate on page 4

C0L51



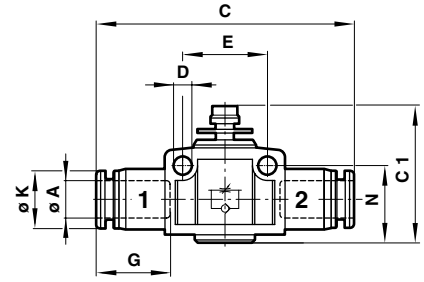
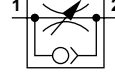
Banjo Flow Control

(in)

| Ø A | B | C | C1 | | E | G | G1 | Ø K | Typ | |
|-----|------|------|------|------|------|-----|------|------|-----|-----------|
| | | | min. | max. | | | | | | |
| 3 | M5 | 21,5 | 27,0 | 30,0 | 9,5 | 3,5 | 11,0 | 7,5 | 8 | COL510305 |
| 4 | M5 | 25,0 | 27,0 | 30,0 | 10,0 | 3,5 | 16,0 | 9,5 | 15 | COL510405 |
| 4 | G1/8 | 30,5 | 35,0 | 40,0 | 15,0 | 6,0 | 16,0 | 9,5 | 8 | COL510418 |
| 4 | G1/4 | 34,5 | 40,0 | 45,5 | 17,0 | 8,0 | 16,0 | 9,5 | 12 | COL510428 |
| 6 | M5 | 28,0 | 27,0 | 30,0 | 11,0 | 3,5 | 17,5 | 12,0 | 8 | COL510605 |
| 6 | G1/8 | 31,0 | 35,0 | 40,0 | 15,0 | 6,0 | 17,5 | 12,0 | 8 | COL510618 |
| 6 | G1/4 | 35,0 | 40,0 | 45,5 | 17,0 | 8,0 | 17,5 | 12,0 | 12 | COL510628 |
| 6 | G3/8 | 39,0 | 46,5 | 55,0 | 21,0 | 8,0 | 17,5 | 12,0 | 14 | COL510638 |
| 8 | G1/8 | 33,0 | 35,0 | 40,0 | 14,0 | 6,0 | 18,5 | 14,0 | 8 | COL510818 |
| 8 | G1/4 | 37,0 | 40,0 | 45,5 | 16,0 | 8,0 | 18,5 | 14,0 | 12 | COL510828 |
| 8 | G3/8 | 40,0 | 46,5 | 55,0 | 21,0 | 8,0 | 18,5 | 14,0 | 14 | COL510838 |
| 8 | G1/2 | 46,0 | 53,0 | 60,0 | 22,5 | 9,0 | 18,5 | 14,0 | 19 | COL510848 |
| 10 | G1/4 | 39,0 | 40,0 | 45,5 | 18,0 | 8,0 | 19,5 | 16,5 | 12 | COL511028 |
| 10 | G3/8 | 42,0 | 46,5 | 55,0 | 19,5 | 8,0 | 19,5 | 16,5 | 14 | COL511038 |
| 10 | G1/2 | 47,5 | 53,0 | 60,0 | 22,5 | 9,0 | 19,5 | 16,5 | 19 | COL511048 |
| 12 | G1/4 | 41,0 | 40,0 | 45,5 | 20,0 | 8,0 | 22,0 | 19,0 | 12 | COL511228 |
| 12 | G3/8 | 46,0 | 46,5 | 55,0 | 19,0 | 8,0 | 22,0 | 19,0 | 14 | COL511238 |
| 12 | G1/2 | 50,0 | 53,0 | 60,0 | 21,0 | 9,0 | 22,0 | 19,0 | 19 | COL511248 |

Please see Speed Controllers Flowrate on page 4

C00GE

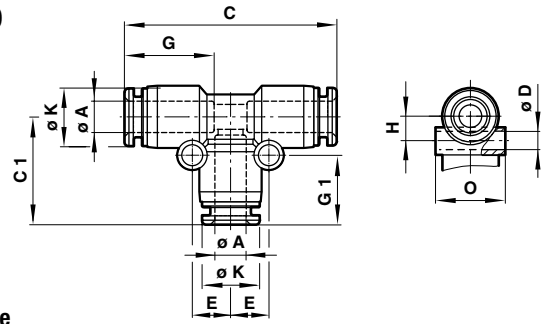


In-Line Flow Control

| Ø A | C | C1 | | D | E | G | Ø K | N | Typ |
|-----|------|------|------|-----|------|------|------|------|-----------|
| | | min. | max. | | | | | | |
| 4 | 45,0 | 30,0 | 33,0 | 3,3 | 15,0 | 16,5 | 9,5 | 13,5 | C00GE0400 |
| 6 | 50,0 | 35,0 | 39,5 | 4,4 | 20,5 | 17,5 | 12,0 | 17,5 | C00GE0600 |
| 8 | 55,5 | 37,5 | 42,0 | 4,4 | 23,0 | 18,5 | 14,0 | 20,0 | C00GE0800 |
| 10 | 61,0 | 44,0 | 49,0 | 4,4 | 28,0 | 19,5 | 16,5 | 23,0 | C00GE1000 |
| 12 | 70,0 | 47,5 | 53,5 | 4,4 | 32,0 | 22,0 | 19,0 | 25,5 | C00GE1200 |

Please see Speed Controllers Flowrate on page 4

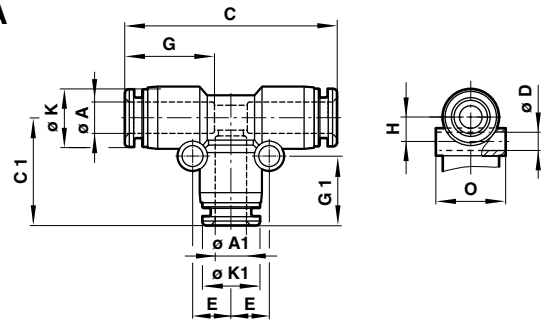
C0060



Union Tee

| Ø A | C | C1 | Ø D | E | G | G1 | H | Ø K | O | Typ |
|-----|------|------|-----|------|------|------|------|------|------|-----------|
| 4 | 36,5 | 19,0 | 3,3 | 6,5 | 16,5 | 12,5 | 8,5 | 9,5 | 10,5 | C00600400 |
| 6 | 42,0 | 21,5 | 3,3 | 7,5 | 17,5 | 13,5 | 7,5 | 12,0 | 12,5 | C00600600 |
| 8 | 45,0 | 23,5 | 4,3 | 9,0 | 18,5 | 15,0 | 9,0 | 14,0 | 14,5 | C00600800 |
| 10 | 48,0 | 25,5 | 4,3 | 10,0 | 20,0 | 15,5 | 11,0 | 16,5 | 17,5 | C00601000 |
| 12 | 57,0 | 29,5 | 4,3 | 13,0 | 22,0 | 16,5 | 12,5 | 19,0 | 20,5 | C00601200 |
| 16 | 68,0 | 34,5 | 4,3 | 16,0 | 24,0 | 18,0 | 16,0 | 25,0 | 25,5 | C00601600 |

C006A



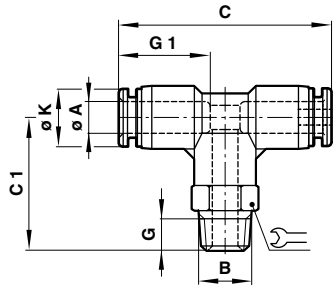
Union Tee

(Unequal)

| Ø A | Ø A1 | C | C1 | Ø D | E | G | G1 | H | Ø K | Ø K1 | O | Typ |
|-----|------|------|------|-----|------|------|------|------|------|------|------|-----------|
| 6 | 4 | 41,5 | 19,0 | 3,3 | 7,0 | 17,5 | 12,5 | 8,0 | 12,0 | 9,5 | 12,5 | C006A0604 |
| 8 | 6 | 45,0 | 22,0 | 4,3 | 8,5 | 18,5 | 13,5 | 9,5 | 14,0 | 12,0 | 15,0 | C006A0806 |
| 10 | 6 | 49,0 | 23,0 | 4,3 | 8,5 | 19,5 | 13,5 | 11,0 | 16,5 | 12,0 | 17,5 | C006A1006 |
| 10 | 8 | 49,0 | 25,0 | 4,3 | 9,5 | 19,5 | 15,0 | 11,0 | 16,5 | 14,0 | 17,5 | C006A1008 |
| 12 | 8 | 56,0 | 25,5 | 4,3 | 9,5 | 22,0 | 15,0 | 12,5 | 19,0 | 14,0 | 20,5 | C006A1208 |
| 12 | 10 | 56,0 | 27,5 | 4,3 | 11,0 | 22,0 | 15,5 | 12,5 | 19,0 | 16,5 | 20,5 | C006A1210 |
| 16 | 10 | 61,0 | 30,5 | 4,3 | 11,5 | 24,0 | 15,5 | 16,0 | 25,0 | 16,5 | 25,5 | C006A1610 |
| 16 | 12 | 63,5 | 33,0 | 4,3 | 13,0 | 24,0 | 16,5 | 16,0 | 25,0 | 19,0 | 25,5 | C006A1612 |



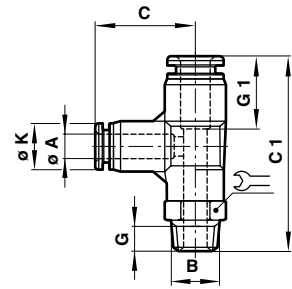
C0167



Swivel Tee Adaptor

| Ø A | B | C | C1 | G | G1 | Ø K | ± | Typ |
|-----|------|------|------|------|------|------|----|-----------|
| 4 | R1/8 | 37,5 | 24,5 | 8,0 | 17,0 | 9,5 | 10 | C01670418 |
| 4 | R1/4 | 37,5 | 26,5 | 10,0 | 17,0 | 9,5 | 14 | C01670428 |
| 4 | R3/8 | 37,5 | 27,5 | 11,0 | 17,0 | 9,5 | 17 | C01670438 |
| 6 | R1/8 | 41,0 | 26,5 | 8,0 | 17,5 | 12,0 | 12 | C01670618 |
| 6 | R1/4 | 41,0 | 29,5 | 10,0 | 17,5 | 12,0 | 14 | C01670628 |
| 6 | R3/8 | 41,0 | 30,5 | 11,0 | 17,5 | 12,0 | 17 | C01670638 |
| 6 | R1/2 | 41,0 | 33,5 | 14,0 | 17,5 | 12,0 | 22 | C01670648 |
| 8 | R1/8 | 44,0 | 28,0 | 8,0 | 18,5 | 14,0 | 14 | C01670818 |
| 8 | R1/4 | 44,0 | 31,0 | 10,0 | 18,5 | 14,0 | 14 | C01670828 |
| 8 | R3/8 | 44,0 | 32,0 | 11,0 | 18,5 | 14,0 | 17 | C01670838 |
| 8 | R1/2 | 44,0 | 35,0 | 14,0 | 18,5 | 14,0 | 22 | C01670848 |
| 10 | R1/8 | 47,0 | 28,5 | 8,0 | 19,5 | 16,5 | 17 | C01671018 |
| 10 | R1/4 | 47,0 | 32,0 | 10,0 | 19,5 | 16,5 | 17 | C01671028 |
| 10 | R3/8 | 47,0 | 32,5 | 11,0 | 19,5 | 16,5 | 17 | C01671038 |
| 10 | R1/2 | 47,0 | 35,5 | 14,0 | 19,5 | 16,5 | 22 | C01671048 |
| 12 | R1/8 | 55,0 | 32,5 | 8,0 | 22,0 | 19,0 | 19 | C01671218 |
| 12 | R1/4 | 55,0 | 34,5 | 10,0 | 22,0 | 19,0 | 19 | C01671228 |
| 12 | R3/8 | 55,0 | 35,5 | 11,0 | 22,0 | 19,0 | 19 | C01671238 |
| 12 | R1/2 | 55,0 | 38,5 | 14,0 | 22,0 | 19,0 | 22 | C01671248 |
| 16 | R3/8 | 64,5 | 43,0 | 11,0 | 24,0 | 25,0 | 24 | C01671638 |
| 16 | R1/2 | 64,5 | 46,0 | 14,0 | 24,0 | 25,0 | 24 | C01671648 |

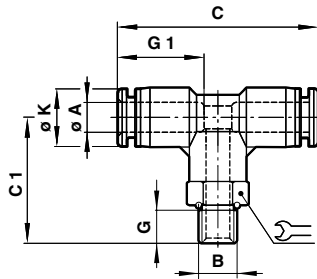
C0168



Swivel Side Tee Adaptor

| Ø A | B | C | C1 | G | G1 | Ø K | ± | Typ |
|-----|------|------|------|------|------|------|----|-----------|
| 4 | R1/8 | 20,0 | 45,0 | 8,0 | 17,0 | 9,5 | 10 | C01680418 |
| 4 | R1/4 | 20,0 | 48,0 | 10,0 | 17,0 | 9,5 | 14 | C01680428 |
| 4 | R3/8 | 20,0 | 49,0 | 11,0 | 17,0 | 9,5 | 17 | C01680438 |
| 6 | R1/8 | 21,5 | 48,5 | 8,0 | 17,5 | 12,0 | 12 | C01680618 |
| 6 | R1/4 | 21,5 | 51,0 | 10,0 | 17,5 | 12,0 | 14 | C01680628 |
| 6 | R3/8 | 21,5 | 52,0 | 11,0 | 17,5 | 12,0 | 17 | C01680638 |
| 6 | R1/2 | 21,5 | 55,0 | 14,0 | 17,5 | 12,0 | 22 | C01680648 |
| 8 | R1/8 | 23,5 | 52,0 | 8,0 | 18,5 | 14,0 | 14 | C01680818 |
| 8 | R1/4 | 23,5 | 55,0 | 10,0 | 18,5 | 14,0 | 14 | C01680828 |
| 8 | R3/8 | 23,5 | 56,0 | 11,0 | 18,5 | 14,0 | 17 | C01680838 |
| 8 | R1/2 | 23,5 | 59,0 | 14,0 | 18,5 | 14,0 | 22 | C01680848 |
| 10 | R1/8 | 25,5 | 55,5 | 8,0 | 19,5 | 16,5 | 17 | C01681018 |
| 10 | R1/4 | 25,5 | 58,5 | 10,0 | 19,5 | 16,5 | 17 | C01681028 |
| 10 | R3/8 | 25,5 | 59,5 | 11,0 | 19,5 | 16,5 | 17 | C01681038 |
| 10 | R1/2 | 25,5 | 62,5 | 14,0 | 19,5 | 16,5 | 22 | C01681048 |
| 12 | R1/8 | 30,0 | 63,0 | 8,0 | 22,0 | 19,0 | 19 | C01681218 |
| 12 | R1/4 | 30,0 | 65,0 | 10,0 | 22,0 | 19,0 | 19 | C01681228 |
| 12 | R3/8 | 30,0 | 66,0 | 11,0 | 22,0 | 19,0 | 19 | C01681238 |
| 12 | R1/2 | 30,0 | 69,0 | 14,0 | 22,0 | 19,0 | 22 | C01681248 |

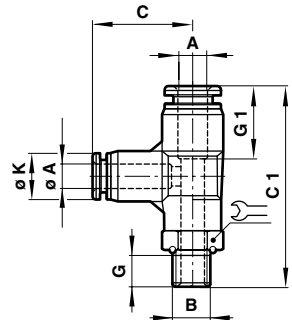
C0267



Swivel Tee Adaptor

| Ø A | B | C | C1 | G | G1 | Ø K | ± | Typ |
|-----|------|------|------|------|------|------|----|-----------|
| 4 | M5 | 37,5 | 22,0 | 4,5 | 17,0 | 9,5 | 10 | C02670405 |
| 4 | M6 | 37,5 | 22,0 | 4,5 | 17,0 | 9,5 | 10 | C02670406 |
| 4 | G1/8 | 37,5 | 22,0 | 6,0 | 17,0 | 9,5 | 14 | C02670418 |
| 4 | G1/4 | 37,5 | 24,0 | 8,0 | 17,0 | 9,5 | 17 | C02670428 |
| 4 | G3/8 | 37,5 | 24,0 | 8,0 | 17,0 | 9,5 | 20 | C02670438 |
| 6 | M5 | 41,0 | 24,0 | 4,5 | 17,5 | 12,0 | 12 | C02670605 |
| 6 | M6 | 41,0 | 24,0 | 4,5 | 17,5 | 12,0 | 12 | C02670606 |
| 6 | G1/8 | 41,0 | 24,5 | 6,0 | 17,5 | 12,0 | 14 | C02670618 |
| 6 | G1/4 | 41,0 | 26,5 | 8,0 | 17,5 | 12,0 | 17 | C02670628 |
| 6 | G3/8 | 41,0 | 27,5 | 9,0 | 17,5 | 12,0 | 20 | C02670638 |
| 6 | G1/2 | 41,0 | 28,5 | 9,0 | 17,5 | 12,0 | 24 | C02670648 |
| 8 | G1/8 | 44,5 | 26,0 | 6,0 | 18,5 | 14,0 | 14 | C02670818 |
| 8 | G1/4 | 44,5 | 28,0 | 8,0 | 18,5 | 14,0 | 17 | C02670828 |
| 8 | G3/8 | 44,5 | 29,0 | 9,0 | 18,5 | 14,0 | 20 | C02670838 |
| 8 | G1/2 | 44,5 | 30,0 | 10,0 | 18,5 | 14,0 | 24 | C02670848 |
| 10 | G1/8 | 47,0 | 26,5 | 6,0 | 19,5 | 16,5 | 17 | C02671018 |
| 10 | G1/4 | 47,0 | 28,5 | 8,0 | 19,5 | 16,5 | 17 | C02671028 |
| 10 | G3/8 | 47,0 | 29,5 | 9,0 | 19,5 | 16,5 | 20 | C02671038 |
| 10 | G1/2 | 47,0 | 30,5 | 10,0 | 19,5 | 16,5 | 24 | C02671048 |
| 12 | G1/4 | 55,0 | 31,5 | 8,0 | 22,0 | 19,0 | 19 | C02671228 |
| 12 | G3/8 | 55,0 | 32,5 | 9,0 | 22,0 | 19,0 | 20 | C02671238 |
| 12 | G1/2 | 55,0 | 33,5 | 10,0 | 22,0 | 19,0 | 24 | C02671248 |
| 16 | G3/8 | 64,5 | 40,0 | 9,0 | 24,0 | 25,0 | 24 | C02671638 |
| 16 | G1/2 | 64,5 | 41,0 | 10,0 | 24,0 | 25,0 | 24 | C02671648 |

C0268

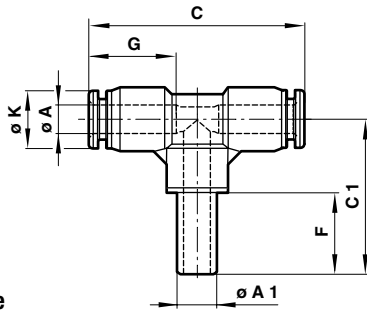


Swivel Side Tee Adaptor

| Ø A | B | C | C1 | G | G1 | Ø K | ± | Typ |
|-----|------|------|------|------|------|------|----|-----------|
| 4 | M5 | 20,0 | 42,0 | 4,5 | 17,0 | 9,5 | 10 | C02680405 |
| 4 | M6 | 20,0 | 42,0 | 4,5 | 17,0 | 9,5 | 10 | C02680406 |
| 4 | G1/8 | 20,0 | 43,0 | 6,0 | 17,0 | 9,5 | 14 | C02680418 |
| 4 | G1/4 | 20,0 | 45,0 | 8,0 | 17,0 | 9,5 | 17 | C02680428 |
| 4 | G3/8 | 20,0 | 45,0 | 8,0 | 17,0 | 9,5 | 20 | C02680438 |
| 6 | M5 | 21,5 | 46,0 | 4,5 | 17,5 | 12,0 | 12 | C02680605 |
| 6 | M6 | 21,5 | 46,0 | 4,5 | 17,5 | 12,0 | 12 | C02680606 |
| 6 | G1/8 | 21,5 | 47,0 | 6,0 | 17,5 | 12,0 | 14 | C02680618 |
| 6 | G1/4 | 21,5 | 49,0 | 8,0 | 17,5 | 12,0 | 17 | C02680628 |
| 6 | G3/8 | 21,5 | 50,0 | 9,0 | 17,5 | 12,0 | 20 | C02680638 |
| 8 | G1/8 | 23,5 | 50,0 | 6,0 | 18,5 | 14,0 | 14 | C02680818 |
| 8 | G1/4 | 23,5 | 52,0 | 8,0 | 18,5 | 14,0 | 17 | C02680828 |
| 8 | G3/8 | 23,5 | 56,0 | 9,0 | 18,5 | 14,0 | 20 | C02680838 |
| 8 | G1/2 | 23,5 | 54,0 | 10,0 | 18,5 | 14,0 | 24 | C02680848 |
| 10 | G1/8 | 25,5 | 54,0 | 6,0 | 19,5 | 16,5 | 17 | C02681018 |
| 10 | G1/4 | 25,5 | 56,0 | 8,0 | 19,5 | 16,5 | 17 | C02681028 |
| 10 | G3/8 | 25,5 | 57,0 | 9,0 | 19,5 | 16,5 | 20 | C02681038 |
| 10 | G1/2 | 25,5 | 58,0 | 10,0 | 19,5 | 16,5 | 24 | C02681048 |
| 12 | G1/4 | 30,0 | 62,0 | 8,0 | 22,0 | 19,0 | 19 | C02681228 |
| 12 | G3/8 | 30,0 | 63,0 | 9,0 | 22,0 | 19,0 | 20 | C02681238 |
| 12 | G1/2 | 30,0 | 64,0 | 10,0 | 22,0 | 19,0 | 24 | C02681248 |



C0063



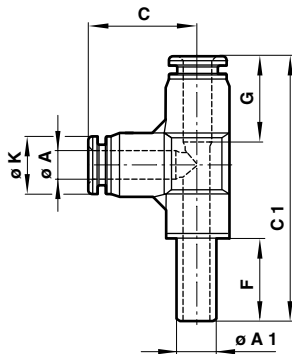
Stem Side Tee
(Equal)

| Ø A | Ø A1 | C | C1 | F | G | Ø K | Typ |
|-----|------|------|------|------|------|------|-----------|
| 4 | 4 | 37,5 | 32,5 | 24,0 | 16,5 | 9,5 | C00630400 |
| 6 | 6 | 41,0 | 34,5 | 25,0 | 18,0 | 12,0 | C00630600 |
| 8 | 8 | 44,5 | 36,0 | 26,0 | 16,5 | 14,0 | C00630800 |
| 10 | 10 | 47,0 | 37,5 | 28,0 | 19,5 | 16,5 | C00631000 |
| 12 | 12 | 55,0 | 39,0 | 30,0 | 22,0 | 19,0 | C00631200 |

(Unequal)

| Ø A | Ø A1 | C | C1 | F | G | Ø K | Typ |
|-----|------|------|------|------|------|------|-----------|
| 4 | 6 | 37,5 | 33,5 | 25,0 | 17,0 | 9,5 | C00630604 |
| 6 | 8 | 41,0 | 35,5 | 28,0 | 17,5 | 12,0 | C00630806 |
| 8 | 10 | 44,5 | 38,5 | 28,0 | 18,5 | 14,0 | C00631008 |
| 10 | 12 | 47,0 | 39,5 | 30,0 | 19,5 | 16,5 | C00631210 |

C0064



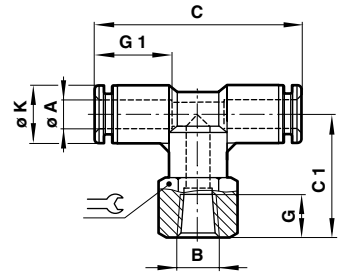
Stem Tee
(Equal)

| Ø A | Ø A1 | C | C1 | F | G | Ø K | Typ |
|-----|------|------|------|------|------|------|-----------|
| 4 | 4 | 20,5 | 58,0 | 17,0 | 24,0 | 9,5 | C00640400 |
| 6 | 6 | 21,5 | 52,5 | 17,5 | 25,0 | 12,0 | C00640600 |
| 8 | 8 | 23,5 | 67,0 | 18,5 | 26,0 | 14,0 | C00640800 |
| 10 | 10 | 25,5 | 73,0 | 19,5 | 28,0 | 16,5 | C00641000 |
| 12 | 12 | 30,0 | 82,0 | 22,0 | 30,0 | 19,5 | C00641200 |

(Unequal)

| Ø A | Ø A1 | C | C1 | F | G | Ø K | Typ |
|-----|------|------|------|------|------|------|-----------|
| 4 | 6 | 20,0 | 59,0 | 17,0 | 25,0 | 9,5 | C00640604 |
| 6 | 8 | 21,5 | 63,5 | 17,5 | 26,0 | 12,0 | C00640806 |
| 8 | 10 | 23,5 | 69,5 | 18,5 | 28,0 | 14,0 | C00641008 |
| 10 | 12 | 25,5 | 75,0 | 19,5 | 30,0 | 16,5 | C00641210 |

C016C/C026C

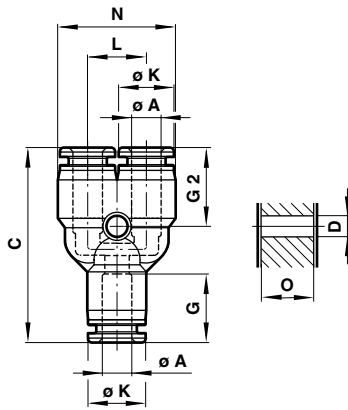


Swivel Tee Adaptor
(Female)

| Ø A | B | C | G | G1 | C1 | Ø K | Typ |
|-----|------|------|------|------|------|------|-----------|
| 4 | M5 | 37,5 | 16,5 | 8,0 | 17,0 | 9,5 | C026C0405 |
| 4 | M6 | 37,5 | 16,5 | 8,0 | 17,0 | 9,5 | C026C0406 |
| 4 | R1/8 | 38,0 | 17,5 | 9,0 | 17,0 | 9,5 | C016C0418 |
| 4 | R1/4 | 38,0 | 19,5 | 11,0 | 17,0 | 9,5 | C016C0428 |
| 6 | M5 | 41,0 | 17,5 | 8,0 | 17,5 | 12,0 | C026C0605 |
| 6 | M6 | 41,0 | 17,5 | 8,0 | 17,5 | 12,0 | C026C0606 |
| 6 | R1/8 | 41,0 | 18,5 | 9,0 | 17,5 | 12,0 | C016C0618 |
| 6 | R1/4 | 41,0 | 20,5 | 11,0 | 17,5 | 12,0 | C016C0628 |
| 6 | R3/8 | 41,0 | 21,5 | 12,0 | 17,5 | 12,0 | C016C0638 |
| 8 | R1/8 | 44,5 | 21,0 | 9,0 | 18,5 | 14,0 | C016C0818 |
| 8 | R1/4 | 44,5 | 21,0 | 11,0 | 18,5 | 14,0 | C016C0828 |
| 8 | R3/8 | 44,5 | 22,0 | 12,0 | 18,5 | 14,0 | C016C0838 |
| 8 | R1/2 | 44,5 | 24,0 | 14,0 | 18,5 | 14,0 | C016C0848 |
| 10 | R1/8 | 47,0 | 20,0 | 9,0 | 19,5 | 16,5 | C016C1018 |
| 10 | R1/4 | 47,0 | 20,0 | 11,0 | 19,5 | 16,5 | C016C1028 |
| 10 | R3/8 | 47,0 | 21,0 | 12,0 | 19,5 | 16,5 | C016C1038 |
| 10 | R1/2 | 47,0 | 23,0 | 14,0 | 19,5 | 16,5 | C016C1048 |
| 12 | R1/4 | 55,0 | 21,0 | 11,0 | 22,0 | 19,0 | C016C1228 |
| 12 | R3/8 | 55,0 | 22,0 | 12,0 | 22,0 | 19,0 | C016C1238 |
| 12 | R1/2 | 55,0 | 24,0 | 14,0 | 22,0 | 19,0 | C016C1248 |



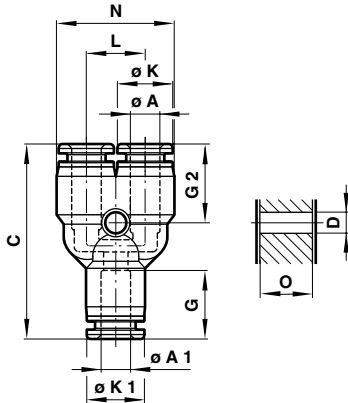
C0082



Union Y
(Equal)

| Ø A | C | D | G | G2 | Ø K | L | N | O | Typ |
|-----|------|-----|------|------|------|------|------|------|-----------|
| 4 | 37,0 | 3,3 | 17,0 | 15 | 9,5 | 10,5 | 21,0 | 10,5 | C00820400 |
| 6 | 40,0 | 3,3 | 17,5 | 16 | 12,0 | 12,5 | 25,0 | 12,5 | C00820600 |
| 8 | 43,0 | 4,3 | 18,5 | 17 | 14,0 | 14,5 | 29,0 | 14,5 | C00820800 |
| 10 | 47,5 | 4,3 | 19,5 | 18,5 | 16,5 | 17,5 | 35,0 | 17,5 | C00821000 |
| 12 | 53,0 | 4,3 | 22,0 | 21,5 | 19,0 | 20,5 | 41,0 | 20,5 | C00821200 |

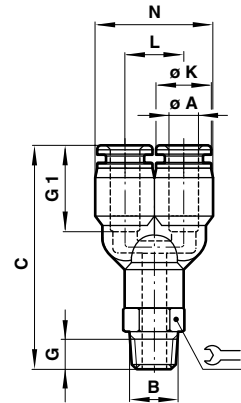
C0082



Union Y
(Unequal)

| Ø A | Ø A1 | C | D | G | G2 | Ø K | Ø K1 | L | N | O | Type |
|-----|------|------|-----|------|------|------|------|------|------|------|-----------|
| 4 | 6 | 38,0 | 3,3 | 17,5 | 15,0 | 10,5 | 12,5 | 10,5 | 21,0 | 10,5 | C00820604 |
| 6 | 8 | 41,0 | 4,3 | 18,5 | 16,0 | 12,5 | 14,5 | 12,5 | 25,0 | 13,0 | C00820806 |
| 8 | 10 | 43,0 | 4,3 | 19,5 | 17,0 | 14,5 | 17,5 | 14,5 | 29,0 | 15,0 | C00821008 |
| 10 | 12 | 46,5 | 4,3 | 22,0 | 18,5 | 17,5 | 20,5 | 17,5 | 35,0 | 18,0 | C00821210 |

C0188

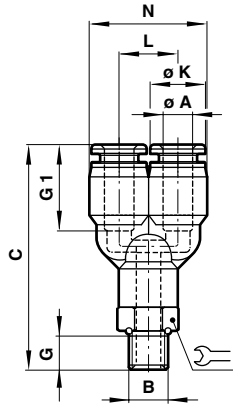


Swivel Y Adaptor

| Ø A | B | C | G | G1 | Ø K | L | N | ≈ | Typ |
|-----|------|------|------|------|------|------|------|----|-----------|
| 4 | R1/8 | 41,5 | 8,0 | 17,0 | 9,5 | 10,5 | 21,0 | 10 | C01880418 |
| 4 | R1/4 | 42,5 | 10,0 | 17,0 | 9,5 | 10,5 | 21,0 | 14 | C01880428 |
| 4 | R3/8 | 43,5 | 11,0 | 17,0 | 9,5 | 10,5 | 21,0 | 17 | C01880438 |
| 6 | R1/8 | 44,0 | 8,0 | 17,5 | 12,0 | 12,5 | 25,0 | 12 | C01880618 |
| 6 | R1/4 | 47,0 | 10,0 | 17,5 | 12,0 | 12,5 | 25,0 | 14 | C01880628 |
| 6 | R3/8 | 48,0 | 11,0 | 17,5 | 12,0 | 12,5 | 25,0 | 17 | C01880638 |
| 6 | R1/2 | 51,0 | 14,0 | 17,5 | 12,0 | 12,5 | 25,0 | 22 | C01880648 |
| 8 | R1/8 | 45,5 | 8,0 | 18,5 | 14,0 | 14,5 | 29,0 | 14 | C01880818 |
| 8 | R1/4 | 48,5 | 10,0 | 18,5 | 14,0 | 14,5 | 29,0 | 14 | C01880828 |
| 8 | R3/8 | 48,5 | 11,0 | 18,5 | 14,0 | 14,5 | 29,0 | 17 | C01880838 |
| 8 | R1/2 | 52,5 | 14,0 | 18,5 | 14,0 | 14,5 | 29,0 | 22 | C01880848 |
| 10 | R1/8 | 49,0 | 8,0 | 19,5 | 16,5 | 17,5 | 35,0 | 17 | C01881018 |
| 10 | R1/4 | 52,0 | 10,0 | 19,5 | 16,5 | 17,5 | 35,0 | 17 | C01881028 |
| 10 | R3/8 | 53,0 | 11,0 | 19,5 | 16,5 | 17,5 | 35,0 | 17 | C01881038 |
| 10 | R1/2 | 56,2 | 14,0 | 19,5 | 16,5 | 17,5 | 35,0 | 22 | C01881048 |
| 12 | R1/8 | 52,5 | 3,0 | 22,0 | 19,0 | 20,5 | 41,0 | 19 | C01881218 |
| 12 | R1/4 | 54,5 | 8,0 | 22,0 | 19,0 | 20,5 | 41,0 | 19 | C01881228 |
| 12 | R3/8 | 55,5 | 11,0 | 22,0 | 19,0 | 20,5 | 41,0 | 19 | C01881238 |
| 12 | R1/2 | 58,5 | 14,0 | 22,0 | 19,0 | 20,5 | 41,0 | 22 | C01881248 |



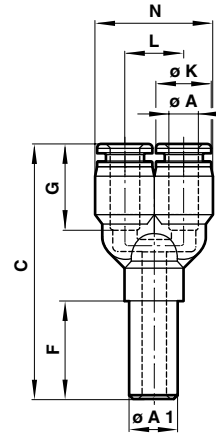
C0288



Swivel Y Adaptor

| Ø A | B | C | G | G1 | Ø K | L | N | ≅ | Typ |
|-----|------|------|------|------|------|------|------|----|-----------|
| 4 | M5 | 35,0 | 4,5 | 17,0 | 9,5 | 10,5 | 21,0 | 10 | C02880405 |
| 4 | M6 | 35,0 | 4,5 | 17,0 | 9,5 | 10,5 | 21,0 | 10 | C02880406 |
| 4 | G1/8 | 41,0 | 6,0 | 17,0 | 9,5 | 10,5 | 21,0 | 14 | C02880418 |
| 4 | G1/4 | 43,0 | 8,0 | 17,0 | 9,5 | 10,5 | 21,0 | 17 | C02880428 |
| 4 | G3/8 | 43,0 | 8,0 | 17,0 | 9,5 | 10,5 | 21,0 | 20 | C02880438 |
| 6 | M5 | 41,5 | 4,5 | 17,5 | 12,0 | 12,5 | 25,0 | 12 | C02880605 |
| 6 | M6 | 41,5 | 4,5 | 17,5 | 12,0 | 12,5 | 25,0 | 12 | C02880606 |
| 6 | G1/8 | 42,5 | 6,0 | 17,5 | 12,0 | 12,5 | 25,0 | 14 | C02880618 |
| 6 | G1/4 | 44,5 | 8,0 | 17,5 | 12,0 | 12,5 | 25,0 | 17 | C02880628 |
| 6 | G3/8 | 45,5 | 9,0 | 17,5 | 12,0 | 12,5 | 25,0 | 20 | C02880638 |
| 6 | G1/2 | 46,5 | 10,0 | 17,5 | 12,0 | 12,5 | 25,0 | 24 | C02880648 |
| 8 | G1/8 | 43,5 | 6,0 | 18,5 | 14,0 | 14,5 | 29,0 | 14 | C02880818 |
| 8 | G1/4 | 45,5 | 8,0 | 18,5 | 14,0 | 14,5 | 29,0 | 17 | C02880828 |
| 8 | G3/8 | 46,5 | 9,0 | 18,5 | 14,0 | 14,5 | 29,0 | 20 | C02880838 |
| 8 | G1/2 | 47,5 | 10,0 | 18,5 | 14,0 | 14,5 | 29,0 | 24 | C02880848 |
| 10 | G1/8 | 49,5 | 6,0 | 19,5 | 16,5 | 17,5 | 35,0 | 17 | C02881018 |
| 10 | G1/4 | 51,5 | 8,0 | 19,5 | 16,5 | 17,5 | 35,0 | 17 | C02881028 |
| 10 | G3/8 | 52,5 | 9,0 | 19,5 | 16,5 | 17,5 | 35,0 | 20 | C02881038 |
| 10 | G1/2 | 53,5 | 10,0 | 19,5 | 16,5 | 17,5 | 35,0 | 24 | C02881048 |
| 12 | G1/4 | 55,0 | 8,0 | 22,0 | 19,0 | 20,5 | 41,0 | 19 | C02881228 |
| 12 | G3/8 | 56,0 | 9,0 | 22,0 | 19,0 | 20,5 | 41,0 | 20 | C02881238 |
| 12 | G1/2 | 57,0 | 10,0 | 22,0 | 19,0 | 20,5 | 41,0 | 24 | C02881248 |

C0084

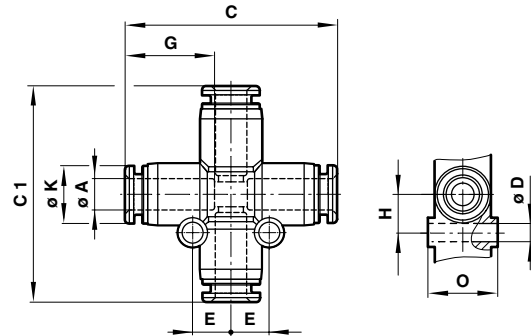


Stem Y

(Unequal)

| Ø A | Ø A1 | C | F | G | Ø K | L | N | Typ |
|-----|------|------|------|------|------|------|------|-----------|
| 4 | 6 | 51,5 | 24,0 | 17,5 | 9,5 | 10,5 | 21,0 | C00840604 |
| 6 | 8 | 56,5 | 26,0 | 18,5 | 12,0 | 12,5 | 25,0 | C00840806 |
| 8 | 10 | 62,0 | 28,0 | 20,0 | 14,0 | 14,5 | 29,0 | C00841008 |
| 10 | 12 | 68,0 | 30,0 | 22,0 | 16,5 | 17,5 | 35,0 | C00841210 |

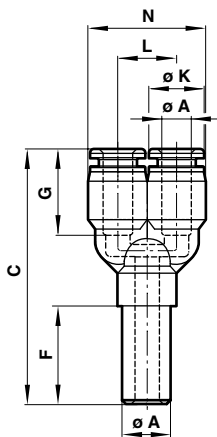
C0090



Union Cross

| Ø A | C | C1 | Ø D | E | G | H | Ø K | Typ |
|-----|------|------|-----|------|------|------|------|-----------|
| 4 | 36,5 | 38,0 | 3,3 | 6,5 | 17,0 | 6,5 | 9,5 | C00900400 |
| 6 | 42,0 | 42,5 | 4,3 | 7,5 | 17,5 | 7,5 | 12,0 | C00900600 |
| 8 | 45,0 | 47,0 | 4,3 | 9,0 | 18,5 | 9,0 | 14,0 | C00900800 |
| 10 | 48,0 | 50,5 | 4,3 | 10,0 | 19,5 | 10,0 | 16,5 | C00901000 |
| 12 | 55,0 | 57,0 | 4,3 | 12,0 | 22,0 | 12,0 | 19,0 | C00901200 |

C0084



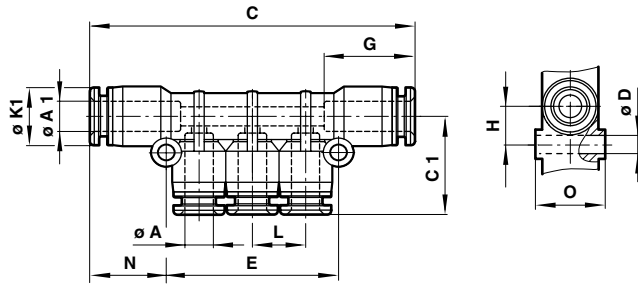
Stem Y

(Equal)

| Ø A | Ø A | C | F | G | Ø K | L | N | Typ |
|-----|-----|------|------|------|------|------|------|-----------|
| 4 | 4 | 49,5 | 22,0 | 17,0 | 9,5 | 10,5 | 21,0 | C00840400 |
| 6 | 6 | 54,5 | 24,0 | 17,5 | 12,0 | 12,5 | 25,0 | C00840600 |
| 8 | 8 | 60,0 | 26,0 | 18,5 | 14,0 | 14,5 | 29,0 | C00840800 |
| 10 | 10 | 66,0 | 28,0 | 20,0 | 16,5 | 17,5 | 35,0 | C00841000 |
| 12 | 12 | 71,5 | 30,0 | 22,0 | 19,0 | 20,5 | 41,0 | C00841200 |



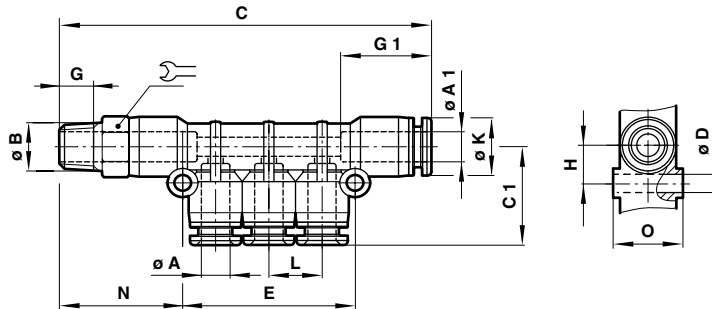
C00D3



Manifold Union

| Ø A | Ø A1 | C | C1 | D | E | G | H | Ø K1 | L | N | O | Typ |
|-----|------|------|------|-----|------|------|-----|------|------|------|------|-----------|
| 4 | 6 | 63,5 | 18,0 | 3,3 | 34,0 | 17,5 | 7,5 | 12,0 | 10,5 | 14,5 | 12,5 | C00D30604 |
| 4 | 8 | 65,5 | 21,5 | 4,3 | 35,0 | 18,5 | 9,0 | 14,0 | 10,5 | 15,5 | 14,5 | C00D30804 |
| 6 | 8 | 71,5 | 22,5 | 4,3 | 41,0 | 18,5 | 9,5 | 14,0 | 12,5 | 15,0 | 14,5 | C00D30806 |
| 6 | 10 | 78,0 | 23,5 | 4,3 | 42,0 | 19,5 | 9,5 | 16,5 | 12,5 | 18,5 | 17,5 | C00D31006 |
| 8 | 10 | 83,5 | 26,0 | 4,3 | 47,0 | 19,5 | 9,5 | 16,5 | 14,5 | 18,5 | 17,5 | C00D31008 |

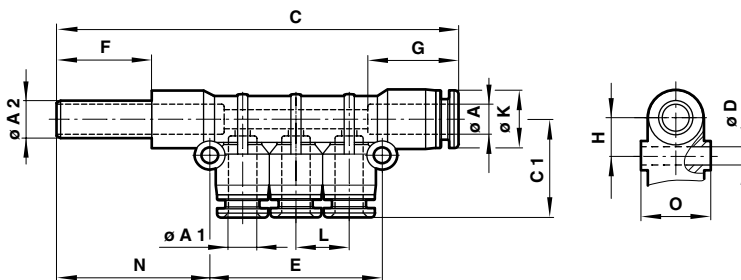
C01D3



Male Manifold

| Ø A | Ø A1 | B | C | C1 | Ø D | E | G | G1 | H | Ø K1 | L | N | O | Typ |
|-----|------|------|------|------|-----|------|------|------|-----|------|------|------|------|-----|
| 4 | 6 | R1/8 | 72,0 | 24,0 | 3,3 | 34,0 | 8,0 | 17,5 | 7,5 | 12,0 | 10,5 | 23,5 | 12,5 | 12 |
| 4 | 8 | R1/8 | 74,0 | 28,5 | 4,3 | 35,0 | 8,0 | 18,5 | 9,0 | 14,0 | 10,5 | 23,5 | 14,5 | 14 |
| 6 | 8 | R1/4 | 82,5 | 34,0 | 4,3 | 41,0 | 10,0 | 18,5 | 9,5 | 14,0 | 12,5 | 26,5 | 14,5 | 14 |
| 8 | 10 | R3/8 | 95,0 | 34,5 | 4,3 | 47,0 | 10,0 | 19,5 | 9,5 | 16,5 | 14,5 | 30,0 | 17,5 | 17 |

C00J3

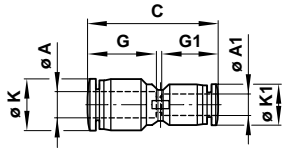


Stem Manifold

| Ø A | Ø A1 | Ø A2 | C | C1 | Ø D | E | F | G | H | Ø K | L | N | O | Typ |
|-----|------|------|-------|------|-----|------|------|------|-----|------|------|------|------|-----------|
| 6 | 4 | 6 | 84,5 | 24,0 | 3,3 | 34,0 | 25,0 | 17,5 | 7,5 | 12,0 | 10,5 | 35,5 | 12,5 | C00J30604 |
| 8 | 4 | 8 | 89,5 | 28,5 | 4,3 | 35,0 | 28,5 | 18,5 | 9,0 | 14,0 | 10,5 | 39,5 | 14,5 | C00J30804 |
| 8 | 6 | 8 | 95,5 | 34,0 | 4,3 | 41,0 | 28,5 | 18,5 | 9,5 | 14,0 | 12,5 | 39,5 | 14,5 | C00J30806 |
| 10 | 8 | 10 | 109,5 | 34,5 | 4,3 | 47,0 | 31,0 | 19,5 | 9,5 | 16,5 | 14,5 | 44,5 | 17,5 | C00J31008 |



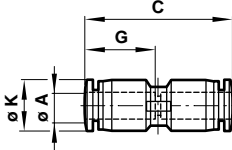
M0020



Straight Union
(Unequal)

| Ø A | Ø A1 | C | G | G1 | Ø K | Ø K1 | Typ |
|-----|------|------|------|------|-----|------|-----------|
| 4 | 3 | 24,0 | 11,5 | 11,0 | 8 | 7 | M00200403 |
| 6 | 3 | 24,0 | 13,0 | 11,0 | 10 | 7 | M00200603 |
| 6 | 4 | 26,5 | 13,0 | 11,5 | 10 | 8 | M00200604 |

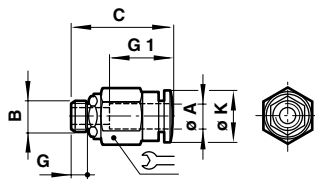
M0020



Straight Union

| Ø A | C | G | Ø K | Typ |
|-----|------|------|-----|-----------|
| 3 | 23,5 | 11,0 | 7 | M00200300 |
| 4 | 26,0 | 11,5 | 8 | M00200400 |
| 6 | 26,5 | 13,0 | 10 | M00200600 |

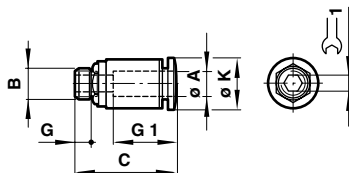
M0125, M0225



Straight Adaptor
(External + internal hex)

| Ø A | B | C | G | G1 | Ø K | Typ |
|-----|------|------|-----|------|------|-----------|
| 3 | M3 | 17,0 | 4,0 | 11,0 | 7,0 | M02250303 |
| 3 | M5 | 17,5 | 4,5 | 11,0 | 7,0 | M02250305 |
| 3 | M6 | 18,0 | 5,0 | 11,0 | 7,0 | M02250306 |
| 4 | M3 | 17,5 | 4,0 | 11,5 | 8,0 | M02250403 |
| 4 | M5 | 18,0 | 4,5 | 11,5 | 8,0 | M02250405 |
| 4 | M6 | 19,0 | 5,0 | 11,5 | 8,0 | M02250406 |
| 4 | R1/8 | 19,0 | 6,0 | 11,5 | 8,0 | M01250418 |
| 6 | M5 | 19,5 | 4,5 | 13,0 | 10,0 | M02250605 |
| 6 | M6 | 20,0 | 5,0 | 13,0 | 10,0 | M02250606 |
| 6 | R1/8 | 19,5 | 8,0 | 13,0 | 10,0 | M01250618 |

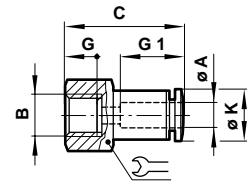
M012A, M022A



Straight Adaptor
(Internal hex only)

| Ø A | B | C | G | G1 | Ø K | 1 | Typ |
|-----|------|------|-----|------|------|-----|-----------|
| 3 | M3 | 17,0 | 4,0 | 11,0 | 7,0 | 1,5 | M022A0303 |
| 3 | M5 | 17,5 | 4,5 | 11,0 | 7,0 | 2,0 | M022A0305 |
| 3 | M6 | 18,0 | 5,0 | 11,0 | 8,0 | 2,0 | M022A0306 |
| 4 | M3 | 17,5 | 4,0 | 11,5 | 8,0 | 1,5 | M022A0403 |
| 4 | M5 | 19,0 | 4,5 | 11,5 | 8,0 | 2,5 | M022A0405 |
| 4 | M6 | 19,0 | 5,0 | 11,5 | 8,0 | 3,0 | M022A0406 |
| 4 | R1/8 | 17,5 | 8,0 | 11,5 | 8,0 | 3,0 | M012A0418 |
| 6 | M5 | 19,5 | 4,5 | 13,0 | 10,0 | 2,5 | M022A0605 |
| 6 | M6 | 20,0 | 5,0 | 13,0 | 10,0 | 3,0 | M022A0606 |
| 6 | R1/8 | 19,5 | 8,0 | 13,0 | 10,0 | 2,5 | M012A0618 |

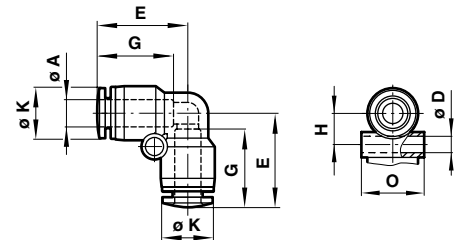
M0126, M0226



Straight Adaptor
(Female thread)

| Ø A | B | C | G | G1 | Ø K | Typ | |
|-----|------|------|-----|------|------|-----|-----------|
| 3 | M3 | 17,5 | 4,0 | 11,0 | 7,0 | 8 | M02260303 |
| 3 | M5 | 19,0 | 6,0 | 11,0 | 7,0 | 8 | M02260305 |
| 3 | M6 | 19,0 | 6,0 | 11,0 | 7,0 | 8 | M02260306 |
| 4 | M3 | 18,0 | 4,0 | 11,5 | 8,0 | 8 | M02260403 |
| 4 | M5 | 19,5 | 6,0 | 11,5 | 8,0 | 8 | M02260405 |
| 4 | M6 | 19,5 | 6,0 | 11,5 | 8,0 | 8 | M02260406 |
| 4 | R1/8 | 23,0 | 8,5 | 11,5 | 8,0 | 12 | M01260418 |
| 6 | M5 | 21,5 | 6,0 | 13,0 | 10,0 | 10 | M02260605 |
| 6 | M6 | 21,5 | 6,0 | 13,0 | 10,0 | 10 | M02260606 |
| 6 | R1/8 | 25,5 | 8,5 | 13,0 | 10,0 | 12 | M01260618 |

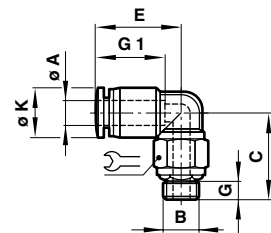
M0040



Union Elbow

| Ø A | Ø D | E | G | H | Ø K | O | Typ |
|-----|-----|------|------|-----|------|------|-----------|
| 3 | 3,2 | 13,5 | 11,0 | 5,5 | 7,0 | 7,5 | M00400300 |
| 4 | 3,2 | 14,5 | 11,5 | 6,0 | 8,0 | 8,5 | M00400400 |
| 6 | 3,2 | 16,5 | 13,0 | 7,0 | 10,0 | 10,5 | M00400600 |

M0147, M0247

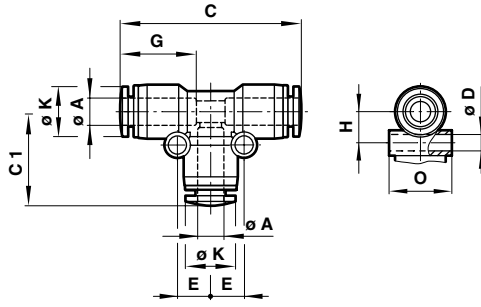


90° Swivel Elbow Adaptor

| Ø A | B | C | E | G | G1 | Ø K | Typ | |
|-----|------|------|------|-----|------|------|-----|-----------|
| 3 | M3 | 16,0 | 13,5 | 3,0 | 11,0 | 7,0 | 8 | M02470303 |
| 3 | M5 | 17,0 | 13,5 | 4,0 | 11,0 | 7,0 | 8 | M02470305 |
| 3 | M6 | 17,0 | 13,5 | 4,0 | 11,0 | 7,0 | 8 | M02470306 |
| 4 | M3 | 16,0 | 14,5 | 3,0 | 11,5 | 8,0 | 8 | M02470403 |
| 4 | M5 | 17,0 | 14,5 | 4,0 | 11,5 | 8,0 | 8 | M02470405 |
| 4 | M6 | 17,0 | 14,5 | 4,0 | 11,5 | 8,0 | 8 | M02470406 |
| 4 | R1/8 | 18,0 | 14,5 | 6,0 | 11,5 | 8,0 | 14 | M01470418 |
| 6 | M5 | 17,0 | 15,5 | 3,5 | 13,0 | 10,0 | 8 | M02470605 |
| 6 | M6 | 17,0 | 15,5 | 4,0 | 13,0 | 10,0 | 8 | M02470606 |
| 6 | R1/8 | 18,0 | 15,5 | 5,0 | 12,0 | 10,0 | 14 | M01470618 |



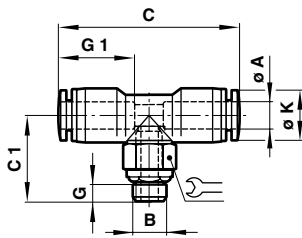
M0060



Union Tee

| Ø A | C | C1 | Ø D | E | G | H | Ø K | O | Typ |
|-----|------|------|-----|-----|------|-----|------|------|-----------|
| 3 | 26,5 | 13,5 | 3,2 | 5,5 | 11,0 | 5,5 | 7,0 | 7,5 | M00600300 |
| 4 | 28,5 | 14,5 | 3,2 | 6,0 | 12,0 | 6,0 | 8,0 | 8,5 | M00600400 |
| 6 | 33,0 | 16,5 | 3,2 | 7,0 | 13,0 | 7,0 | 10,0 | 10,5 | M00600600 |

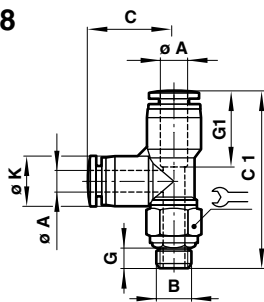
M0167, M0267



Swivel Tee Adaptor

| Ø A | B | C | C1 | G | G1 | Ø K | ⌀ | Typ |
|-----|------|------|------|-----|------|------|----|-----------|
| 3 | M3 | 25,5 | 16,0 | 3,0 | 11,0 | 7,0 | 8 | M02670303 |
| 3 | M5 | 29,0 | 17,0 | 4,0 | 11,0 | 7,0 | 8 | M02670305 |
| 3 | M6 | 27,0 | 17,0 | 4,0 | 11,0 | 7,0 | 8 | M02670306 |
| 4 | M3 | 28,5 | 16,0 | 3,0 | 11,5 | 8,0 | 8 | M02670403 |
| 4 | M5 | 28,5 | 17,0 | 3,5 | 11,5 | 8,0 | 8 | M02670405 |
| 4 | M6 | 29,0 | 17,0 | 4,0 | 11,5 | 8,0 | 8 | M02670406 |
| 4 | R1/8 | 29,0 | 18,0 | 6,0 | 11,5 | 8,0 | 14 | M01670418 |
| 6 | M5 | 31,0 | 17,0 | 3,5 | 13,0 | 10,0 | 8 | M02670605 |
| 6 | M6 | 31,0 | 17,0 | 4,0 | 13,0 | 10,0 | 8 | M02670606 |
| 6 | R1/8 | 31,0 | 18,0 | 6,0 | 13,0 | 10,0 | 14 | M01670618 |

M0168, M0268



Swivel Side Tee Adaptor

| Ø A | B | C | C1 | G | G1 | Ø K | ⌀ | Typ |
|-----|------|------|------|-----|------|------|----|-----------|
| 3 | M3 | 13,5 | 29,5 | 3,0 | 11,0 | 7,0 | 8 | M02680303 |
| 3 | M5 | 13,5 | 30,0 | 4,0 | 11,0 | 7,0 | 8 | M02680305 |
| 3 | M6 | 13,5 | 30,5 | 4,0 | 11,0 | 7,0 | 8 | M02680306 |
| 4 | M3 | 14,0 | 30,5 | 3,0 | 11,5 | 8,0 | 8 | M02680403 |
| 4 | M5 | 14,0 | 31,0 | 3,5 | 11,5 | 8,0 | 8 | M02680405 |
| 4 | M6 | 14,0 | 31,5 | 4,0 | 12,0 | 8,0 | 8 | M02680406 |
| 4 | R1/8 | 14,0 | 31,5 | 6,0 | 11,5 | 8,0 | 14 | M01680418 |
| 6 | M5 | 16,5 | 33,5 | 3,5 | 13,0 | 10,0 | 8 | M02680605 |
| 6 | M6 | 16,5 | 34,0 | 4,0 | 13,0 | 10,0 | 8 | M02680606 |
| 6 | R1/8 | 16,5 | 33,5 | 6,0 | 13,0 | 10,0 | 14 | M01680618 |