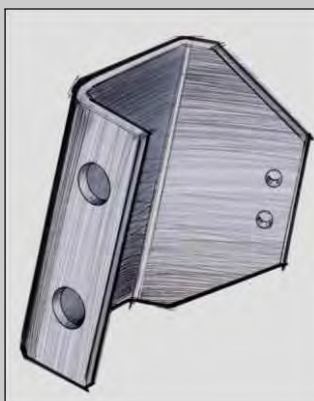
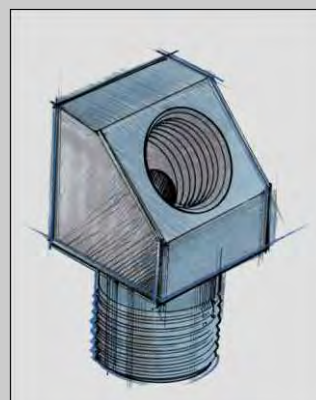
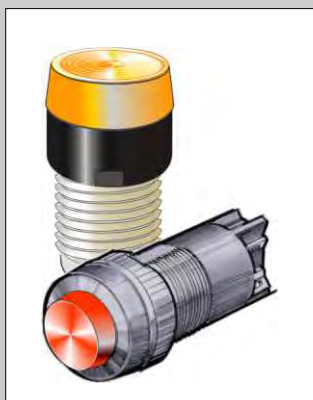
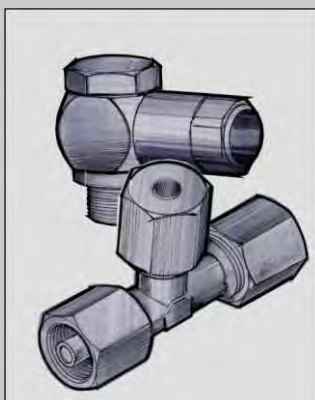
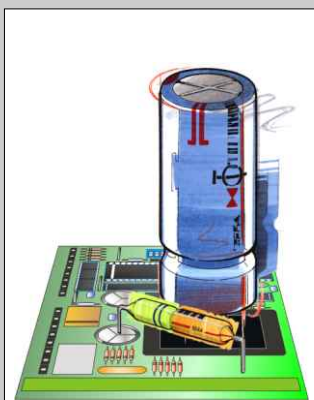
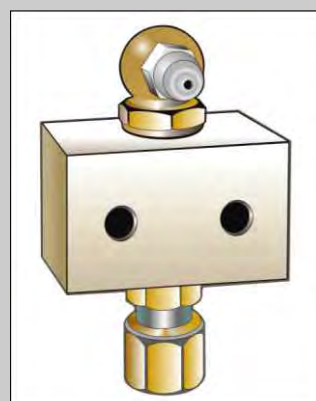


PARTS CATALOGUE



Technology
you can
rely on



Progressive central lubrication systems

Table of Contents

| | Page |
|--|-----------|
| Accessory | 99 |
| Adjustable L fitting | 70 |
| Adjustable T fitting | 71 |
| Bayonet plug | 22 |
| Bent protection spiral | 90 |
| Bulkhead fitting with internal thread | 67 |
| Bulkhead fitting with union nut and cutting ring | 68 |
| Coiled tubing | 89 |
| Connection line with plug | 17 and 20 |
| Cutting rings | 72 |
| Elbow screw fitting with union nut and cutting ring | 57 |
| Elbow swivelling screw fitting with plug-type connection | 77 |
| Elbow swivelling screw fitting with union nut and cutting ring | 61 |
| Elbow plug connection | 75 |
| Elbow plug connection detachable | 79 |
| Extensions | 62 to 64 |
| Mounting brackets / plates for EP-1 pumps | 38 to 40 |
| Mounting brackets / plates for MX-F distributor | 43 to 45 |
| Mounting brackets / plates for Pico pumps | 41 and 42 |
| Ferrule and nipple | 87 |
| Filling connection | 27 to 29 |
| Filling pumps and grease presses | 23 to 26 |
| High pressure hose | 88 |
| Hinges with plug-type connection | 76 |
| Hirschmann plug | 21 |
| Hose tie | 93 |
| Illuminated button for intermediate lubrication | 51 and 52 |
| Joint angles with union nut and cutting ring | 69 |
| Joint swivelling plug-type connection detachable | 80 |
| Male stud coupling with union nut and cutting ring | 58 and 59 |
| Nipple block | 97 and 98 |
| Nipple reconstruction kit, nipple blocks | 94 to 97 |
| Order-key of central lubrication pump Pico without/with integrated control units | 13 to 15 |
| Order-key of electric pump EP-1 without/with integrated control units | 4 to 12 |
| Order-key of external control unit S-EP 6 | 16 |
| Olives | 73 |
| Pipe clips | 92 to 94 |

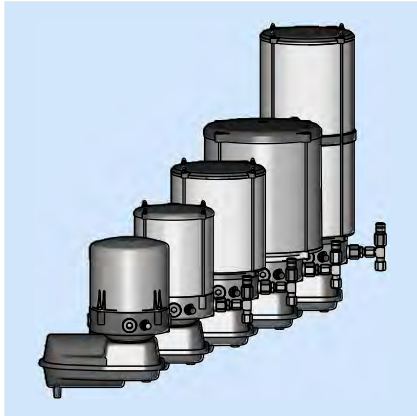


Table of Contents

| | |
|--|-----------|
| Pipe socket bend by 45° for assembly of a high pressure hose Ø8,6x4 | 83 |
| Pipe socket bend by 45° for assembly of a high pressure hose Ø11,2x6,5 | 85 |
| Pipe socket bend by 90° for assembly of a high pressure hose Ø8,6x4 | 84 |
| Pipe socket bend by 90° for assembly of a high pressure hose Ø11,2x6,5 | 86 |
| Pipe socket straight for assembly of a high pressure hose Ø8,6x4 | 82 |
| Pipe socket straight for assembly of a high pressure hose Ø11,2x6,5 | 85 |
| Pressure relief valve w. micro switch for pump elements PE-120, PE-120 V, PE-120 F and PE-120 FV | 37 |
| Pressure relief valve with lubrication nipple for pump elements PE-60 to PE 170 and PE-120 F | 36 |
| Pressure relief valve without micro switch for pump elements PE-120, PE-120 V, PE-120F and PE-120 FV | 35 |
| Protecting parts for lines | 50 |
| Protecting parts for lube points | 48 and 49 |
| Reduction with union nut and cutting ring | 70 |
| Signal lamps | 53 |
| Sleeves | 81 |
| Straight connection piece | 67 |
| Small relay | 54 |
| Steel pipes | 89 |
| Straight rotary connection | 69 |
| Straight plug-type connection | 74 |
| Straight plug-type connection detachable | 78 |
| Straight fitting (pipe connection) | 60 |
| Switch | 52 |
| T-fitting | 71 |
| Union nuts | 72 |
| Union nuts | 72 |
| Union screws | 73 |
| Welding plates for MX-F distributor | 46 and 47 |
| Welding plates for SX-1 distributor | 47 |



Electric Pump EP-1



Order Key:

Construction type 2152 . XX . XX . XX . 000

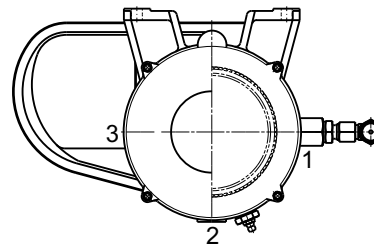
| Motor voltage | | | | |
|---------------|--------------|------|------------------------|------|
| | without plug | | with bayonet connector | |
| Voltage | 12 V | 24 V | 12 V | 24 V |
| Code | 01 | 02 | 03 | 04 |

| Pump elements | Outlet No | | |
|---------------|-----------|---|---|
| | 1 | 2 | 3 |
| without | 0 | 0 | 0 |
| PE-60 | 1 | 1 | 1 |
| PE-120 | 2 | 2 | 2 |
| PE-120 V | 3 | 3 | 3 |
| PE-170 | 4 | 4 | 4 |

| Fig. | Code | Fig. | Code | Fig. | Code | Fig. | Code | Fig. | Code |
|------|------|------|------|------|------|------|------|------|------|
| 000 | A0 | 100 | F0 | 200 | 01 | 300 | 41 | 400 | V0 |
| 001 | A1 | 101 | F1 | 201 | K1 | 301 | Q1 | 401 | V1 |
| 002 | A3 | 102 | F2 | 202 | K2 | 302 | Q2 | 402 | V2 |
| 003 | A4 | 103 | F3 | 203 | K3 | 303 | Q3 | 403 | V3 |
| 004 | A5 | 104 | F4 | 204 | K4 | 304 | Q4 | 404 | V4 |
| 010 | B0 | 110 | N0 | 210 | L0 | 310 | R0 | 410 | W0 |
| 011 | B1 | 111 | G1 | 211 | L1 | 311 | R1 | 411 | W1 |
| 012 | B2 | 112 | G2 | 212 | L2 | 312 | R2 | 412 | W2 |
| 013 | B3 | 113 | G3 | 213 | L3 | 313 | R3 | 413 | W3 |
| 014 | B4 | 114 | G4 | 214 | L4 | 314 | R4 | 414 | W4 |
| 020 | C0 | 120 | H0 | 220 | 02 | 320 | S0 | 420 | X0 |
| 021 | C1 | 121 | H1 | 221 | M1 | 321 | S1 | 421 | X1 |
| 022 | C2 | 122 | H2 | 222 | 03 | 322 | S2 | 422 | X2 |
| 023 | C3 | 123 | H3 | 223 | M3 | 323 | S3 | 423 | X3 |
| 024 | C4 | 124 | H4 | 224 | M4 | 324 | S4 | 424 | X4 |
| 030 | D0 | 130 | H5 | 230 | 52 | 330 | 42 | 430 | Y0 |
| 031 | D1 | 131 | H6 | 231 | N1 | 331 | T1 | 431 | Y1 |
| 032 | D2 | 132 | H7 | 232 | N2 | 332 | T2 | 432 | Y2 |
| 033 | D3 | 133 | H8 | 233 | 53 | 333 | 43 | 433 | Y3 |
| 034 | D4 | 134 | H9 | 234 | N4 | 334 | T4 | 434 | Y4 |
| 040 | E0 | 140 | J0 | 240 | P0 | 340 | U0 | 440 | Z0 |
| 041 | E1 | 141 | J1 | 241 | P1 | 341 | U1 | 441 | Z1 |
| 042 | E2 | 142 | J2 | 242 | P2 | 342 | U2 | 442 | Z2 |
| 043 | E3 | 143 | J3 | 243 | P3 | 343 | U3 | 443 | Z3 |
| 044 | E4 | 144 | J4 | 244 | P4 | 344 | U4 | 444 | Z4 |

Special variants 000

Ordering example pump elements:



1 PE-120 installed in outlet position 1:
Fig. = 200 -> Code = 01

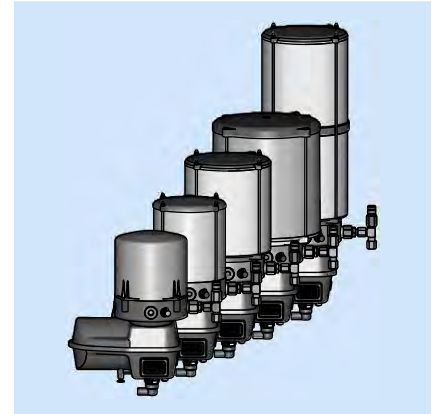
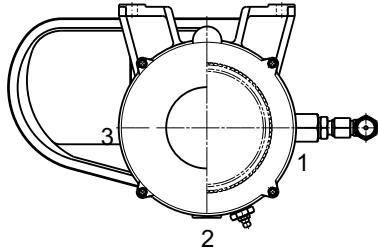
Special variants = 99

| | 2 parts | | 1 part | |
|-----------------------|---------|-----|--------|----|
| Reservoir size (kg) | 1.9 | 2.5 | 4 | 8 |
| Transparent reservoir | 27 | 25 | 30 | 28 |
| Code | 27 | 25 | 30 | 28 |
| Reservoir size (kg) | 2 | | 4 | |
| Steel reservoir | 31 | | 26 | |
| Code | 31 | | 26 | |

Special variants: 227 = Grease level control at drawing no FAZ02205-10
028 = Pump elements with microswitch
257 = Pump elements with malfunction indicator and grease repatriation

EP-1 with integrated Control Unit BEKA-troniX1

Positions of outlets:



Order Key with integrated Control Unit BEKA-troniX1:

Construction type 2175.3.1.E.0.1.2.1.000

| | |
|------------------------|-----|
| Motor voltage | |
| with bayonet connector | |
| 12V | 24V |
| 3 | 4 |

| Outlet | Pump element | without | PE-60 | PE-120 | PE-120 V | PE-170 |
|------------------|----------------------|---------|-------|--------|----------|--------|
| Pos. 1 | without micro switch | 0 | 7 | 1 | 2 | G |
| | with micro switch | 0 | A | D | N | H |
| Pos. 2 | without micro switch | 0 | 8 | 3 | 4 | J |
| | with micro switch | 0 | B | E | P | K |
| Pos. 3 | without micro switch | 0 | 9 | 5 | 6 | L |
| | with micro switch | 0 | C | F | A | M |
| Special variants | | ZZZ | | | | |

Only one micro switch can be connected to the BEKA-troniX1 controller!

| | 2 Parts | | 1 Part | | |
|---------------------------|---------|---|--------|-----|---|
| Size of reservoir (kg) | 1.9 | 4 | 8 | 2.5 | 8 |
| Code | 1 | 2 | 3 | 4 | 8 |
| with grease level control | S | | T | U | W |

| | |
|--|---|
| Additional equipment connected at controller | |
| without additional equipment | 0 |
| Grease level monitoring | 1 |
| System excess pressure monitoring | 2 |
| Grease level controller and system excess pressure monitoring | 3 |
| without connection to the controller (only connectors, not connected, not activated) | 4 |

| Parameter | Cycle duration | | |
|------------------|----------------|--------------|-----------|
| | 0.5 to 8 h | 2 to 32 min. | 2 to 32 h |
| I 1 to 16 min. | 1 | A | J |
| II 2 to 32 min. | 2 | B | K |
| III 2 to 32 sec. | 3 | C | L |
| Pump revolutions | | | |
| I 1 to 16 | 7 | G | O |
| II 10 to 160 | 8 | H | Q |
| III 170 to 320 | 9 | I | R |

Special models

EP-1 with integrated Control Unit BEKA-troniX1



Order Key for integrated Control Unit BEKA-troniX1

for EP-1 and OC-1:

| | | | | |
|--|-----------------------|--------------|-----------|-------------------------------------|
| Construction type | | | | 2175 . 90 . 10 . 0 . A . 000 |
| Connector version | | | | |
| with bayonet connector | 10 | | | |
| additional equipment | | | | |
| without additional equipment | 0 | | | |
| with grease level monitoring | 1 | | | |
| with system excess pressure monitoring | 2 | | | |
| with grease level monitoring and system excess pressure monitoring | 3 | | | |
| with contact plugs (not activated) | 4 | | | |
| Parameter | Cycle duration | | | |
| Lubrication time | 0.5 to 8 h | 2 to 32 min. | 2 to 32 h | |
| I | 1 to 16 min. | 1 | A | J |
| II | 2 to 32 min. | 2 | B | K |
| III | 2 to 32 sec. | 3 | C | L |
| Pump revolutions | | | | |
| I | 1 to 16 | 7 | G | P |
| II | 10 to 160 | 8 | H | Q |
| III | 170 to 320 | 9 | I | R |
| Special models | 000 | | | |

Integrated control unit S-EP 4



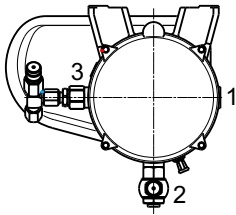
Order key for integrated control unit S-EP 4
for EP-1 and OC-1

| | | | | |
|---------------------------------|-------------------|----|--|------------------------------------|
| Type-no. | | | | 2147 . 90 . 10 . 2 . 1 . 00 |
| Plug-type version | | | | |
| for Hirschmann plug | 00 | | | |
| for bayonett plug | 10 | | | |
| Lubrication time | | | | |
| Time rangell | 1 min. to 16 min. | 1 | | |
| Time rangell | 2 min. to 32 min. | 2 | | |
| Intermediate lube button | | | | |
| | yes | no | | |
| Code | 1 | 0 | | |
| Special version | | | | |
| | 00 | | | |



Electric Pump EP-1 with Integrated Control Unit EP-tronic

Ordering Example Pump Elements:



Order example:
 Outlet position: 1 2 3
 Fig.: 0 2 1
 Code: 9



Order Key EP-1 with Integrated Control Unit EP-tronic with Bayonet connector

Construction type 2157 . 3 . 1 . 2 . 0 . A . 0 . 0000

| | | | |
|------------------------|-----|--|--|
| Motor voltage | | | |
| with bayonet connector | | | |
| 12V | 24V | | |
| 3 | 4 | | |

| | | | | | | | |
|------|------|------------------|------|------|------|------|------|
| | | Special variants | | | | | |
| 001 | G | | | | | Z | |
| 010 | H | 002 | K | 003 | N | 004 | R |
| 011 | J | 020 | L | 030 | P | 040 | S |
| 100 | 1 | 022 | M | 033 | Q | 044 | T |
| 110 | 2 | 200 | 4 | 300 | V | 400 | D |
| 111 | 3 | 220 | 5 | 330 | B | 440 | E |
| 120 | 7 | 222 | 6 | 333 | C | 444 | F |
| 102 | W | 021 | 9 | 122 | 8 | 123 | U |
| Fig. | Code | Fig. | Code | Fig. | Code | Fig. | Code |

Other combinations of pump elements on demand!

| | | | | | | | |
|---|-----------|---|-----------|---|-----------|--|--|
| | Fig. | | | | | | |
| 1 | 1 2 3 4 0 | 2 | 1 2 3 4 0 | 3 | 1 2 3 4 0 | | |

| | | | | | |
|-----------------|--------|----------|-------|--------|---------|
| Outlet position | PE-120 | PE-120 V | PE-60 | PE-170 | without |
|-----------------|--------|----------|-------|--------|---------|

| | | | | | |
|------------------------------|-----|---|---|-----|---|
| Size of reservoir (kg) | 1.9 | 4 | 8 | 2.5 | 8 |
| Code | 1 | 2 | 3 | 4 | 8 |
| With grease level controller | 5 | 6 | 7 | 9 | |

| | |
|---|---|
| Additional equipment | |
| Without | 0 |
| Attached to controller | |
| System pressure P _{max.} | 1 |
| Grease level monitoring | 2 |
| System excess pressure monitoring and grease level controller | 3 |

| | | | |
|----------------------|----------------|--------------|-----------|
| Parameter | Cycle duration | | |
| Lubricating time | 0.5 to 8 h | 2 to 32 min. | 2 to 32 h |
| I 1 to 16 min. | 1 | A | J |
| II 2 to 32 min. | 2 | B | K |
| III 2 to 32 sec. | 3 | C | L |
| Strokes | | | |
| I 1 to 16 Strokes | 4 | D | M |
| II 17 to 32 Strokes | 5 | E | N |
| III 33 to 48 Strokes | 6 | F | O |
| Pump revolutions | | | |
| I 1 to 16 | 7 | G | P |
| II 10 to 160 | 8 | H | Q |
| III 170 to 320 | 9 | I | R |

| | |
|---|---|
| With collective error notification (stat. error) (Standard) | 1 |
| With starter enabling device | 2 |

| | |
|----------------|------|
| Special models | 0000 |
|----------------|------|

All additional functions of time periods can be activated 8 or set later with the system analysis software on PC.



Integrated control unit EP-tronic
for EP-1 and OC-1



Order key for integrated control unit EP-tronic for bayonett plug

Type: _____ **2157 . 90 . 10 . 0 . A . 1 . 00**

| | |
|-------------------|----|
| Plug-type version | |
| w. bayonett plug | 10 |

| | |
|---|---|
| Additional equipment | |
| not connected at control unit | 0 |
| Connected at control unit | |
| System pressure P _{max.} | 1 |
| Level monitoring | 2 |
| System pressure monitoring and level monitoring | 3 |

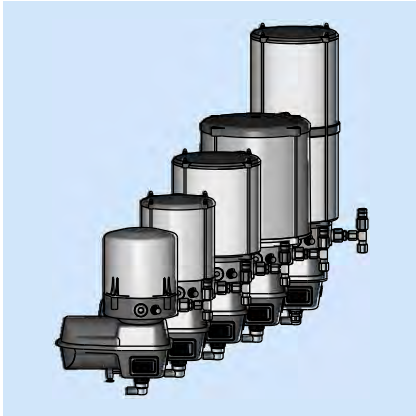
| Parameter | Cycle time | | | |
|-------------------------|------------|--------------|-----------|--|
| | 0,5 to 8 h | 2 to 32 min. | 2 to 32 h | |
| I 1 to 16 min. | 1 | A | J | |
| II 2 to 32 min. | 2 | B | K | |
| III 2 to 32 sec. | 3 | C | L | |
| Cycles | | | | |
| I 1 to 16 cycles | 4 | D | M | |
| II 17 to 32 cycles | 5 | E | N | |
| III 33 to 48 cycles | 6 | F | O | |
| Revolutions of the pump | | | | |
| I 1 to 16 | 7 | G | P | |
| II 10 to 160 | 8 | H | Q | |
| III 170 to 320 | 9 | I | R | |

| | |
|---|---|
| w. collective fault signal (stat. error) (standard) | 1 |
| w. start release signal | 2 |

| | |
|-----------------|----|
| Special version | 00 |
|-----------------|----|

All additional functions or time ranges can be activated or adjusted subsequently by means of the diagnosis software!

Electric pump EP-1 with integrated control unit EP-tronic T1



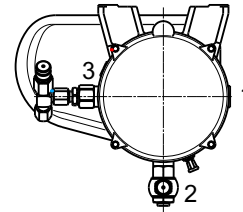
Order key for EP-1 with integrated control unit EP-tronic T1
with bayonet plug

Type: _____ 2183 . X . X . X . X . X . XXXX

| | |
|-----------------|------|
| Motor voltage | |
| w. bayonet plug | |
| 12 V | 24 V |
| 3 | 4 |

| | | | | | |
|-----------------|----------|----------|-------|--------|---------|
| | Code no. | | | | |
| 1 | 1 | 2 | 3 | 4 | 0 |
| 2 | 1 | 2 | 3 | 4 | 0 |
| 3 | 1 | 2 | 3 | 4 | 0 |
| Outlet position | PE-120 | PE-120 V | PE-60 | PE-170 | without |

| No. | Code | No. | Code | No. | Code | No. | Code |
|------------------|------|-----|------|-----|------|-----|------|
| 001 | G | 002 | K | 003 | N | 004 | R |
| 010 | H | 020 | L | 030 | P | 040 | S |
| 011 | J | 022 | M | 033 | Q | 044 | T |
| 100 | 1 | 200 | 4 | 300 | V | 400 | D |
| 110 | 2 | 220 | 5 | 330 | B | 440 | E |
| 111 | 3 | 222 | 6 | 333 | C | 444 | F |
| 120 | 7 | 021 | 9 | 122 | 8 | 123 | U |
| Special versions | | | | | | | Z |



Order examples
Outlet position: 1 2 3
Code number: 0 2 1
No.: 9

Other pump element combinations on demand!

| | | | | | |
|----------------|--------|--------|------|---------|--------|
| | | | | 2-parts | 1-part |
| Reservoir size | 1,9 kg | 2,5 kg | 4 kg | 8 kg | 8 kg |
| Code number | 1 | 4 | 2 | 3 | 8 |

| Integrated electronic control unit EP-tronic T1 | | | | |
|---|-------------------|------------------|-------------------|-----------|
| | | Cycle time range | | |
| Lube time range | | 0,5 h to 8 h | 2 min. to 32 min. | 2h to 32h |
| I | 1 min. to 16 min. | 1 | A | J |
| II | 2 min. to 32 min. | 2 | B | K |
| III | 2 sec. to 32 sec. | 3 | C | L |

| | | |
|--------------------------|---------|------|
| Intermediate lube button | without | with |
| Code number | 0 | 1 |

| | |
|-----------------|---------|
| Special version | without |
| Code number | 0000 |

Integrated control unit EP-tronic T1
for EP-1 and OC-1



Order key for integrated control unit EP-tronic T1

Type: _____ 2183 . 90 . 10 . X . X . XXXX

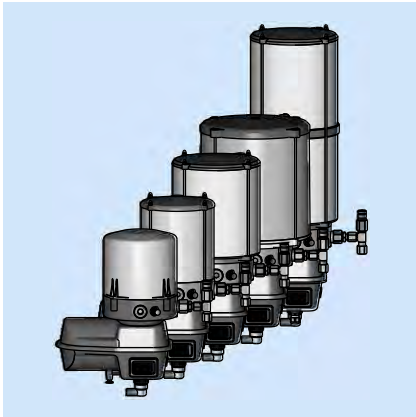
| | |
|---------------------|----|
| Plug version | |
| for Hirschmann plug | 00 |
| for Bayonet plug | 10 |

| Integrated electronic control unit EP-tronic T1 | | | | |
|---|-------------------|------------------|-------------------|-----------|
| Lube time range | | Cycle time range | | |
| | | 0,5 h to 8 h | 2 min. to 32 min. | 2h to 32h |
| I | 1 min. to 16 min. | 1 | A | J |
| II | 2 min. to 32 min. | 2 | B | K |
| III | 2 sec. to 32 sec. | 3 | C | L |

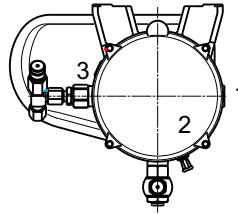
| | | |
|--------------------------|---------|------|
| Intermediate lube button | without | with |
| Code number | 0 | 1 |

| | |
|-----------------|---------|
| Special version | without |
| Code number | 0000 |

EP-1 with integrated control unit EP-T2 and Integrated Control Unit EP-T2



Positions of outlets:



Order Key for EP-1 with integrated control unit EP-T2

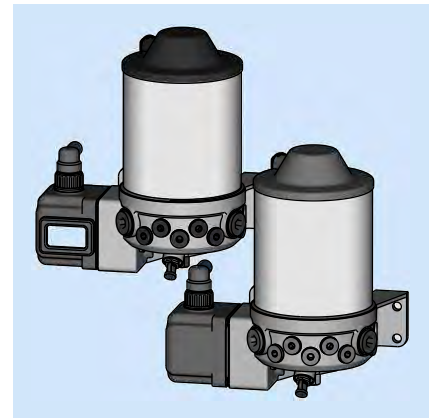
| | | | | | | | | | |
|---|---------|----------|-------|--------|---------|------------------|------------------------------------|--------|--|
| Construction type | | | | | | | 2184 . X . X . X . X . X . X . XXX | | |
| Motor voltage | | | | | | | | | |
| with bayonet connector | | | | | | | | | |
| 12 V | 24 V | | | | | | | | |
| 3 | 4 | | | | | | | | |
| | | Code | | | | | | | |
| 1 | 1 | 2 | 3 | 4 | 0 | Z | | | |
| 2 | 1 | 2 | 3 | 4 | 0 | Z | | | |
| 3 | 1 | 2 | 3 | 4 | 0 | Z | | | |
| Outlet-no. | PE-120 | PE-120 V | PE-60 | PE-170 | without | Special variants | | | |
| | | | | | | | 2 parts | 1 part | |
| Size of reservoir | 1,9 kg | 2,5 kg | 4 kg | 8 kg | 8 kg | | | | |
| Code | 1 | 4 | 2 | 3 | 8 | | | | |
| Integrated electronic control unit EP-T2 | | | | | | | | | |
| Lubricating time range | | Code | | | | | | | |
| 1 sec. to 60 sec. | | 1 | | | | | | | |
| Special types | without | | | | | | | | |
| Code | 000 | | | | | | | | |

Order Key for integrated control unit EP-T2

| | | | | | | | | | |
|---|---------|------|--|--|--|--|----------------------------|--|--|
| Construction type | | | | | | | 2184 . 90 . 10 . X . XXXXX | | |
| Connector version | | | | | | | | | |
| with bayonet connector | 10 | | | | | | | | |
| Integrated electronic controller EP-T2 | | | | | | | | | |
| Lubricating time range | | Code | | | | | | | |
| 1 sec. to 60 sec. | | 1 | | | | | | | |
| Special types | without | | | | | | | | |
| Code | 00000 | | | | | | | | |

Subject to alterations! © BEKA 2010 All rights reserved!

Central Lubrication Pump Pico



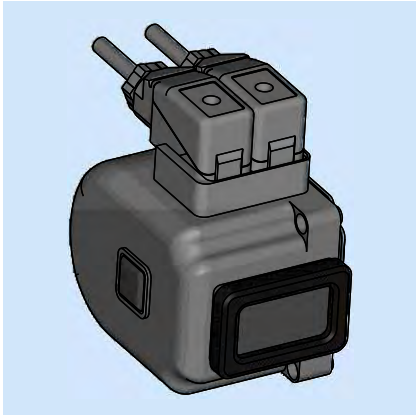
**Order Key for Electric Pump PICO
without Controller,
with integrated Control Unit PICO S-EP 4, PICO-tronic T1 or PICO-T2
with Bayonet Connector**

| | | | | |
|---|---------------------------------|-----------------------|--|--|
| Order-No. | 2185 . X . X . X . X . X . XXXX | | | |
| with Bayonet Connector | | | | |
| Motor voltage | 12 V | 24 V | | |
| Number | 3 | 4 | | |
| Pump elements | Outlet-No. | | | |
| | 4 | 10 | 4+10 | without |
| PE-120F | 1 | 2 | 3 | Note: Pump elements PE-5 up to PE-50 must be ordered separately! |
| PE-120FV | 4 | 5 | 6 | |
| PE-120F + | X | | 7 | |
| PE-120FV | | X | 8 | |
| PE-120F + | | X | | |
| PE-120FV | X | | | |
| Container size | 1.2 kg | | | |
| Number | 1 | | | |
| Sort of control unit | without | Trucks PICO S-EP 4 | Trailers and semi-trailers PICO-tronic T1 | Trailers and semi-trailers PICO-T2 |
| Number | 1 | 2 | 3 | 5 |
| without | 0 | | | |
| PICO S-EP 4 for Trucks | | | | |
| Lubrication time range | | Cycle time range | | |
| | | 0.5 h up to 8 h | | |
| I | 1 min. up to 16 min. | Z | | |
| II | 2 min. up to 32 min. | T | | |
| PICO-tronic T1 for trailers and semi-trailers | | | | |
| Lubrication time range | | Cycle time range | | |
| | | 0.5 h up to 8 h | 2 min. up to 32 min. | 2 h up to 32 h |
| I | 1 min. up to 16 min. | 1 | A | J |
| II | 2 min. up to 32 min. | 2 | B | K |
| III | 2 sec. up to 32 sec. | 3 | C | L |
| PICO-T2 for trailers and semi-trailers | | | | |
| Lubrication time range | | | | |
| 1 sec. up to 1 min. | | 1 | | |
| Special variants | without | | | |
| Number | 0000 | | | |

Subject to alterations! © BEKA 2010 All rights reserved!



Integrated control unit for central lubrication pump PICO



Order key for integrated control unit PICO-tronic

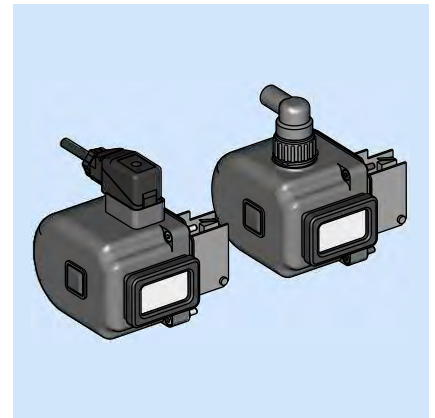
Type _____ **2185 . 900. .4 . X . XXXX**

| | |
|-----------------|-------------|
| Type of control | PICO-tronic |
| Code no. | 4 |

| for PICO-tronic | | | | |
|------------------------|------------------------|------------------|-------------------|-------------|
| Lubrication time range | | Cycle time range | | |
| | | 0,5 h to 8 h | 2 min. to 32 min. | 2 h to 32 h |
| I | 1 min. to 16 min. | 1 | A | L |
| II | 2 min. to 32 min. | 2 | B | K |
| III | 2 sec. to 32 sec. | 3 | C | L |
| Cycle range | | | | |
| I | 1 Takt to 16 cycles | 4 | D | M |
| II | 17 cycles to 32 cycles | 5 | E | N |
| III | 33 cycles to 48 cycles | 6 | F | O |
| No. of revolutions | | | | |
| I | 1 rpm to 16 rpm | 7 | G | P |
| II | 10 rpm to 160 rpm | 8 | H | Q |
| III | 170 rpm to 320 rpm | 9 | I | R |

| | |
|-----------------|------|
| Special version | w/o |
| Code no. | 0000 |

Integrated control unit for central lubrication pump PICO



Order key for integrated control unit PICO S-EP 4

| Version | Lube time | Break time | Order-no. |
|--------------------------|------------------|-------------|------------------|
| for bayonet plug 7-poles | 2 min. - 32 min. | 0,5 h - 8 h | 2185.9012.T |
| | 1 min. - 16 min. | | 2185.9012.Z |
| for bayonet plug 4-poles | 2 min. - 32 min. | 0,5 h - 8 h | 2185.9002.T.0002 |
| | 1 min. - 16 min. | | 2185.9002.Z.0002 |
| for Hirschmann plug | 2 min. - 32 min. | 0,5 h - 8 h | 2185.9002.T |
| | 1 min. - 16 min. | | 2185.9002.Z |

Order key for integrated control unit PICO-tronic T1 and PICO-T2

Type-no.: _____ **2185 . 90 . 1 . 3 . A . 0000**

| | |
|---------------------|---|
| Plug-type version | |
| for Hirschmann plug | 0 |
| for bayonet plug | 1 |

| | | |
|----------|----------------|---------|
| Control | PICO-tronic T1 | PICO-T2 |
| Code no. | 3 | 5 |

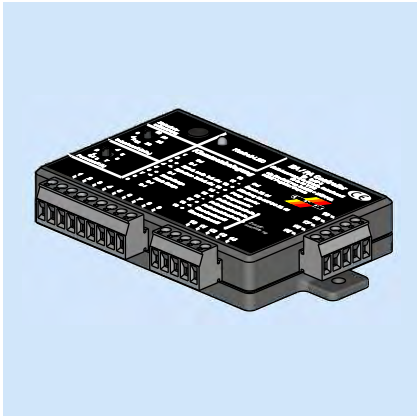
| | | | |
|---|------------------|-------------------|-----------|
| for trailer and semi-trailer PICO-tronic T1 | | | |
| Lube time range | Cycle time range | | |
| | 0,5 h to 8 h | 2 min. to 32 min. | 2h to 32h |
| I 1 min. to 16 min. | 1 | A | J |
| II 2 min. to 32 min. | 2 | B | K |
| III 2 sec. to 32 sec. | 3 | C | L |

| | |
|-------------------------------------|----------|
| or trailer and semi-trailer PICO-T2 | |
| lube time range | Kennzahl |
| 1 sec. to 60 sec. | 1 |

| | |
|-----------------|------|
| Special version | 0000 |
|-----------------|------|

Subject to alterations! © BEKA 2010 All rights reserved!

External Control Unit S-EP 6



Order Key for external Control Unit S-EP 6

Order-No.: _____ 2166 . 9000 . X . X . 00

| | | |
|------------------------|---------------------------|---|
| Mode of Operation | | |
| Control by Time | Range of Lubrication Time | |
| | 1 min. up to 16 min. | 1 |
| | 2 min. up to 32 min. | 2 |
| Control by Strokes | | 3 |
| Control by revolutions | | 4 |

| | |
|---------------------------------|---|
| Connector for Special Functions | |
| Yes | 1 |
| No | 2 |

Special Models | 00



Connection plug with 7-poles

for control units with Hirschmann plug

Dimensions

Fig. 1:

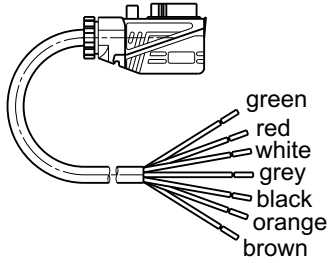


Fig. 2:

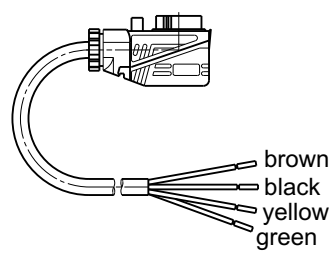
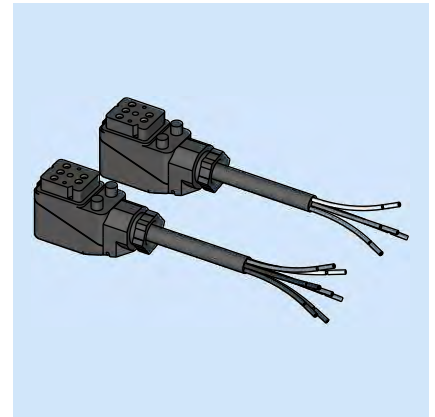
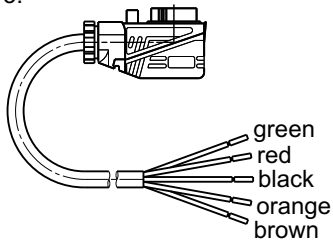


Fig. 3:



| Article-no. | Use | Line box | Power cord | Length | Fig. |
|-------------|--|-----------|------------|--------|------|
| FAZ02977-01 | EP-tronic PICO-tronic EP-tronic T1 PICO-tronic T1 | GO 070 WF | 7-wires | 10 m | 1 |
| FAZ02977-00 | PICO S-EP 4 | GO 070 WF | 5-wires | 10 m | 3 |
| FAZ02499-02 | S-EP 4 | GO 070 WF | 4-wires | 10 m | 2 |



Connection lines with plug

for control units with bayonet plug

Dimensions



Fig. 1:

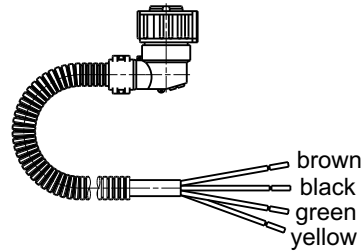


Fig. 2:

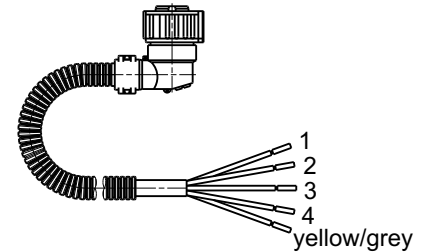


Fig. 3:

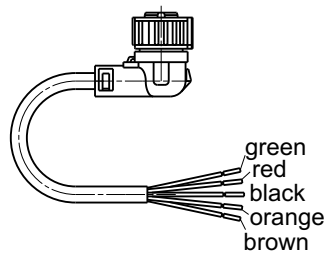


Fig. 4:

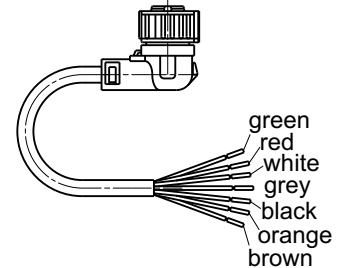


Fig. 5:

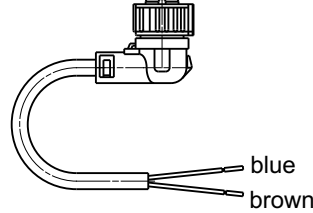
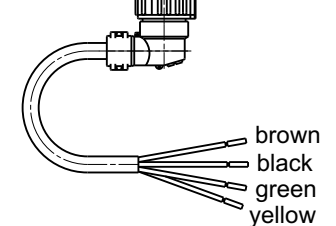


Fig. 6:



| Article-no. | Use | Plug-type | Corrugated hose | Power cord | Length | Wires | Fig. |
|-------------|---|-----------|-----------------|------------|--------|---------|------|
| FAZ02499-15 | S-EP 4 PICO S-EP 4 | 4-poles | yes | 4-wires | 10 m | colored | 1 |
| FAZ02499-17 | S-EP 4 PICO S-EP 4 | 4-poles | yes | 5-wires | 15 m | black | 2 |
| FAZ02499-30 | without control and revolution signal | 4-poles | no | 4-wires | 5 m | colored | 6 |
| FAZ02499-39 | without control and revolution signal | 4-poles | no | 4-wires | 10 m | colored | 6 |
| FAZ02499-19 | BEKA-troniX1 | 7-poles | no | 5-wires | 10 m | colored | 3 |
| FAZ02499-21 | EP-tronic EP-tronic T1 PICO-tronic T1 | 7-poles | no | 7-wires | 10 m | colored | 4 |
| FAZ02499-24 | EP-T2 PICO-T2 | 7-poles | no | 2-wires | 10 m | colored | 5 |

Connection line with plug 4-poles

for the connection of external signal transmitters

Dimensions

Connection cable no. 1:

for the connection of a proximity switch M12x1 or of a level monitoring with connection M12x1 to an external control unit or to a control unit with Hirschmann plug

Fig. 1:

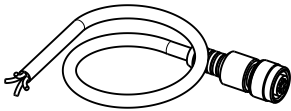
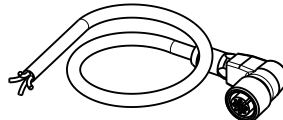


Fig. 2:



Connection cable no. 2:

for the connection of a proximity switch M12x1 or of a level monitoring with connection M12x1 to the control units BEKA-troniX1 or EP-tronic

Fig. 3:

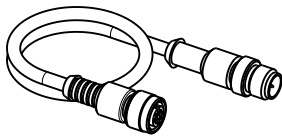
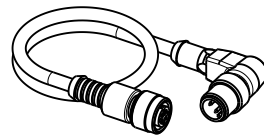


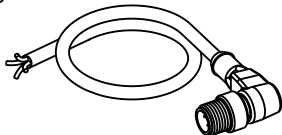
Fig. 4:



Connection cable no. 3:

for the connection M12x1 of the "start release signal" to the control unit EP-tronic version with bayonet plug

Fig. 5:



| Article-no. | Bush | Plug | Cable length | Fig. |
|-------------|----------------|----------------|--------------|------|
| 1000912458 | M12x1 straight | without | 2 m | 1 |
| 1000911237 | M12x1 straight | without | 5 m | 1 |
| 1000912457 | M12x1 straight | without | 10 m | 1 |
| 1000912997 | M12x1 angled | without | 5 m | 2 |
| 1000913278 | without | M12x1 angled | 5 m | 5 |
| 1000912464 | M12x1 straight | M12x1 straight | 2 m | 3 |
| 1000912465 | M12x1 straight | M12x1 straight | 5 m | 3 |
| 1000912467 | M12x1 straight | M12x1 angled | 2 m | 4 |
| 1000912468 | M12x1 straight | M12x1 angled | 5 m | 4 |
| 1000912998 | M12x1 straight | M12x1 angled | 0,6 m | 4 |



Adapter cable with plug 4-poles

for connecting proximity switch and control unit

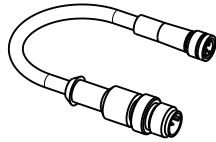


Dimensions

Adapter cable no. 1:

for connecting a proximity switch with thread M8x1 with a control unit (thread M12x1).

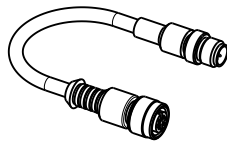
Fig. 1:



Adapter cable no. 2:

for connecting the proximity switch M12x1 with an already layed out cable M8x1

Fig. 2:



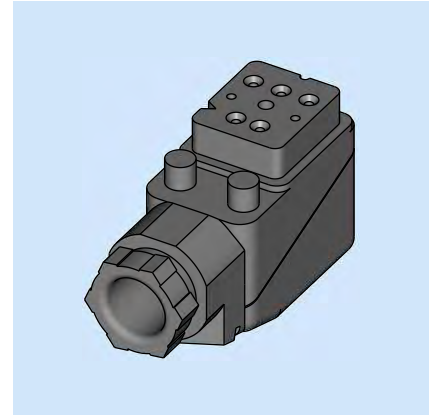
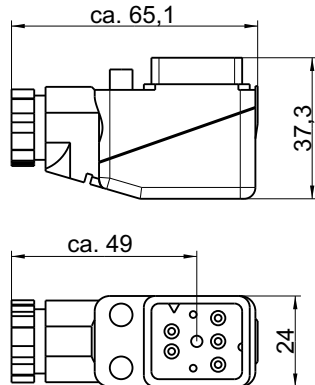
| Article-no. | Bush | Plug | Length | Fig. |
|-------------|-------|-------|--------|------|
| 1000912495 | M8x1 | M12x1 | 0,3 m | 1 |
| 1000911496 | M12x1 | M8x1 | 0,3 m | 2 |



Hirschmann plug 7-poles

for standard connections to control units

Dimensions:

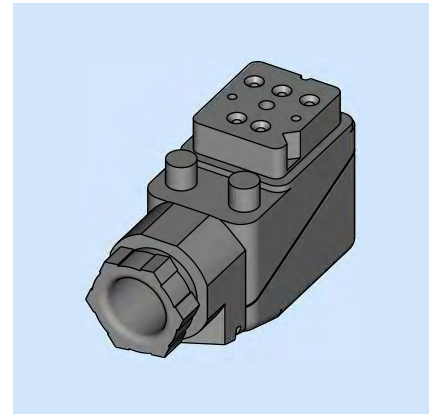
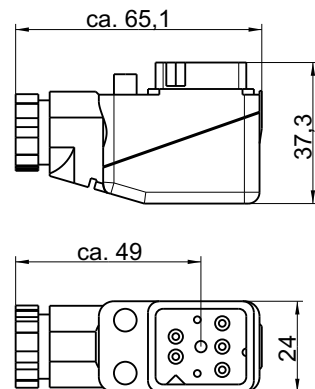


| Article-no. | Use | Line box | for power cord |
|-------------|---|-----------|-------------------------------|
| 100091211 | S-EP 4 PICO S-EP 4 EP-tronic PICO-tronic EP-tronic T1 PICO-tronic T1 | GO 070 WF | 7-wires 5-wires 4-wires |

Hirschmann plug 7-poles

for connecting additional equipment to the control unit

Dimensions:

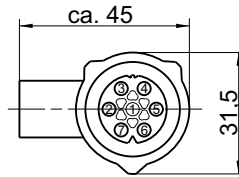
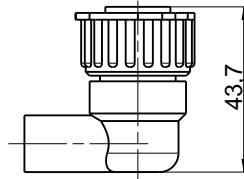
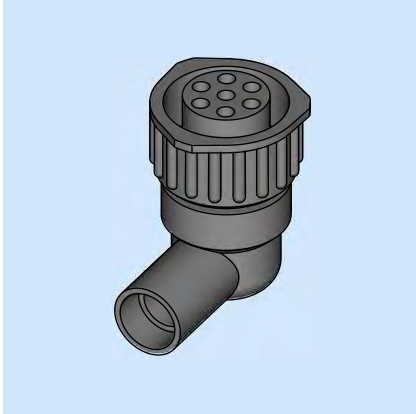


| Article-no. | Use | Line box |
|-------------|--------------------------|---|
| 100091212 | S-EP 4 | Cycle control Level monitoring Pressure relief valve with micro switch |
| | EP-tronic PICO-tronic | Cycle control Level monitoring Pressure relief valve with micro switch start release signal collective fault message |
| | | GO 610 WF |

Bayonet plug 7-poles complete

for the connection of control units

Dimensions:



Consisting of

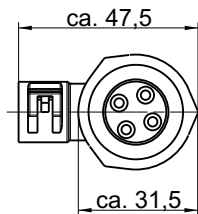
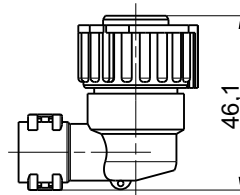
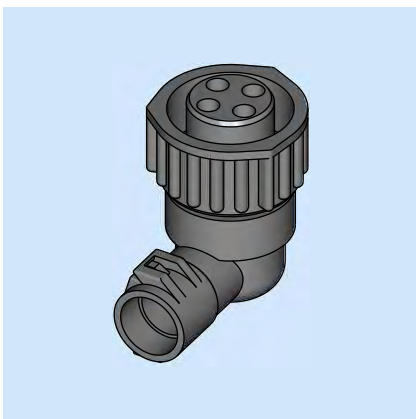
- 1 pcs bush housing 7-poles
- 1 pcs cap for corrugated hose
- 7 pcs bush contact
- 7 pcs single sealing
- 5 pcs dummy plugs
- 1 pcs strain relief for cable 7-wires
- 1 pcs strain relief for cable 5-wires
- 1 pcs strain relief for cable 2-wires

| Article-no. | Use | for power cord |
|-------------|----------------|----------------|
| 1000912932 | EP-tronic | |
| | PICO-tronic | 7-wires |
| | EP-tronic T1 | 5-wires |
| | PICO-tronic T1 | 2-wires |
| | EP-T2 | |
| | PICO-T2 | |

Bayonet plug 7-poles complete

for the connection of control units

Dimensions:



Consisting of:

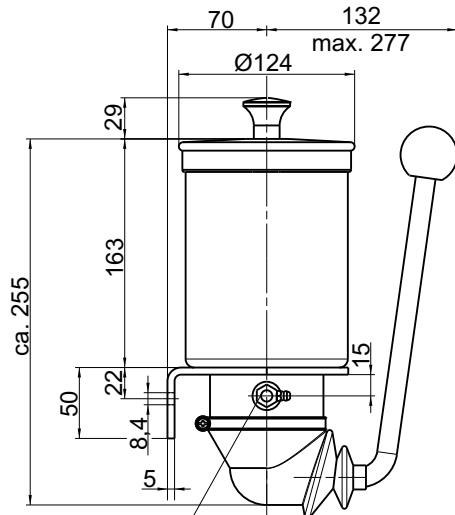
- 1 pcs bush housing 4-poles
- 1 pcs cap for corrugated hose
- 4 pcs bush contact
- 4 pcs single sealing

| Article-no. | Use | for power cord |
|-------------|-------------|----------------|
| 1000912664 | S-EP 4 | 4-wires |
| | PICO S-EP 4 | 5-wires |

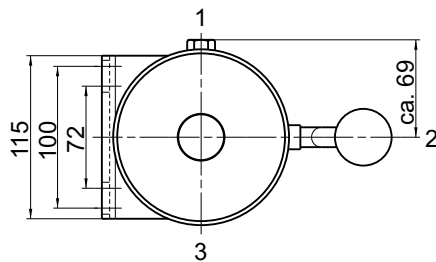
Manual grease pump type FHX-2

acc. to AZ-1838-00

Dimensions:



Filling nipple H3 DIN 71412



Technical data:

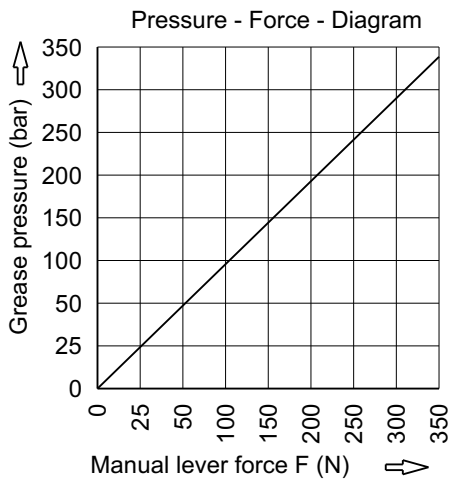
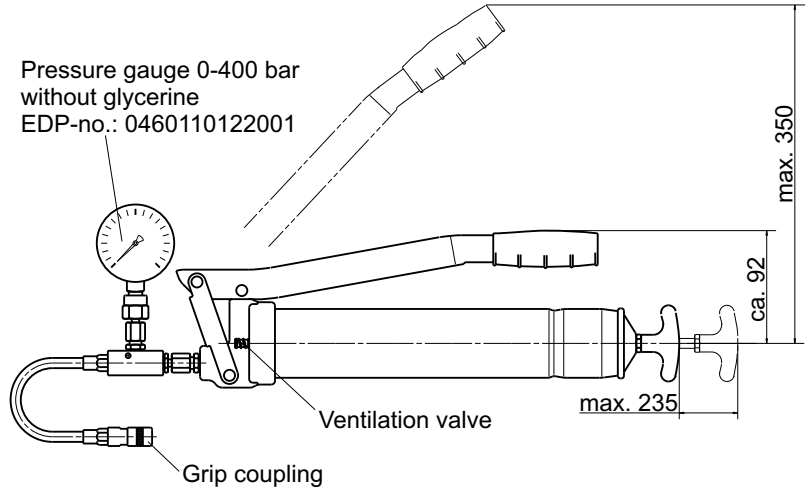
| | |
|-----------------------------|---------------------------------------|
| Pressure: | max. 300 bar |
| Output rate: | max. 1,5 cm ³ /stroke |
| Reservoir content: | 1,2l |
| Pressure connection-Ø: | 6 mm |
| Pressure outlet position: | 1 |
| Position of lever: | 2 |
| Position of filling nipple: | 3 |
| Lubricant: | greases up to NLGI cl. 2 |
| Level monitoring: | visual by transparent reservoir |

| Article-no. | Filling nipple |
|--------------|----------------|
| 2534.1570001 | with |



Manual lever grease press acc. to AZ02255-00
for the filling of electric pumps EP-1 and PICO and for lubrication
suitable for grease cartridges acc. to DIN 1284

Dimensions:



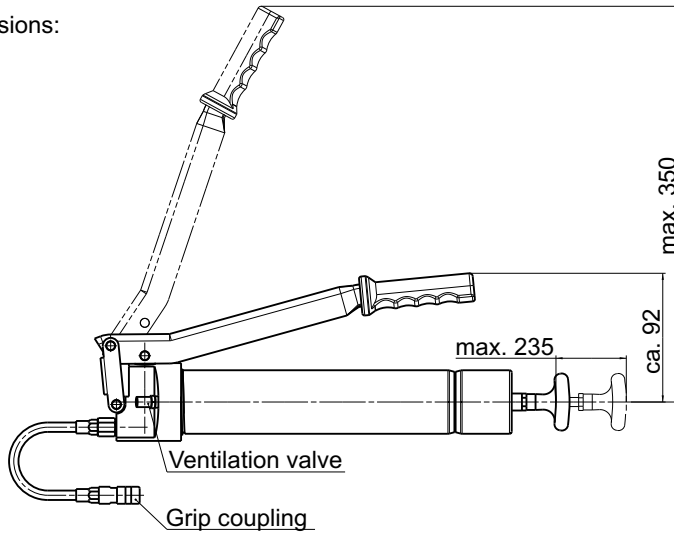
Technical data:

Pressure: max. 350 bar
Output rate: max. 2 cm³/stroke
Cartridge content: 400 g
Content w/o cartridge: 500 cm³
max. outer diameter of pipe: 53,5 mm
min. inside diameter of pipe: 51 mm
Lubricant: greases up to NLGI
cl. 2

| Article-no. | Grease content |
|-------------|--------------------------|
| 21590080000 | max. 500 cm ³ |

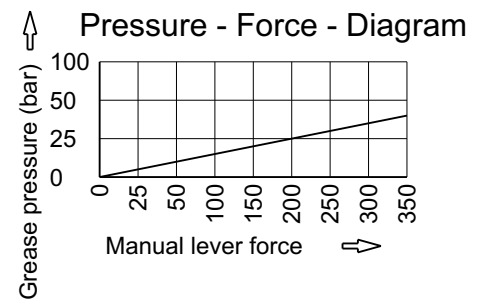
Manual lever grease press acc. to FAZ02255-06
for the filling of electric pumps EP-1 and PICO
suitable for grease cartridges acc. to DIN 1284

Dimensions:



Technical data:

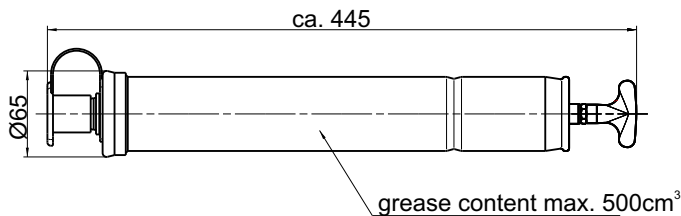
- Pressure: max. 40 bar
- Output rate: max. 8 cm³/stroke
- Cartridge content: 400 g
- Content w/o cartridge: 500 cm³
- max. outer diameter of pipe: 53,5 mm
- min. inside diameter of pipe: 51 mm
- Lubricant: greases up to NLGI cl. 2



| Article-no. | Grease content |
|-------------|--------------------------|
| 21590080008 | max. 500 cm ³ |

Filling press for EP-1 and PICO
suitable for grease cartridges acc. to DIN 1284

Dimensions:



Technical data:

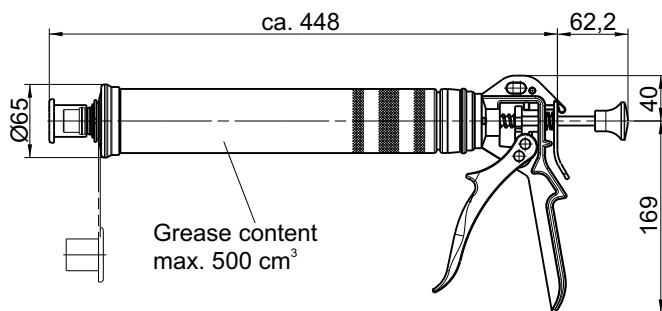
- Cartridge content: 400 g
- Content w/o cartridge: 500 cm³
- max. outer diameter of pipe: 53,5 mm
- min. inside diameter of pipe: 51 mm
- Lubricant: greases up to NLGI-cl. 2

| Article-no. | Grease content |
|-------------|--------------------------|
| 208103026 | max. 500 cm ³ |

One-handed filling press

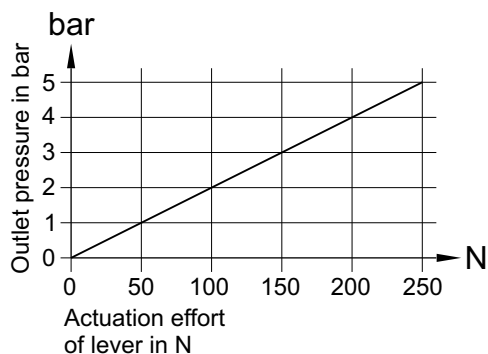
suitable for grease cartridges acc. to DIN 1284

Dimensions:



Technical data:

- Supply volume: ca. 9 cm³ to 10 cm³ per full stroke
- Cartridge content: 400 g
- Content w/o cartridge: 500 cm³
- max. outer diameter of pipe: 53,5 mm
- min. inside diameter of pipe: 51 mm
- Lubricant: greases up to NLGI-cl. 2



| Article-no. | Grease content |
|-------------|--------------------------|
| 20830001 | max. 500 cm ³ |

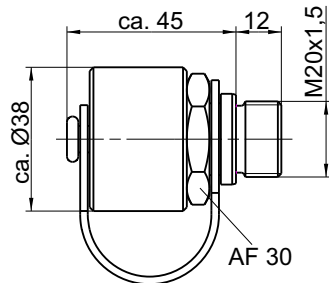


Straight filling connection without non-return valve

acc. to AZ-02519-00

for the filling of the electric pump EP-1

Dimensions:



| Article-no. | Material |
|-------------|----------|
| 21520150 | steel |

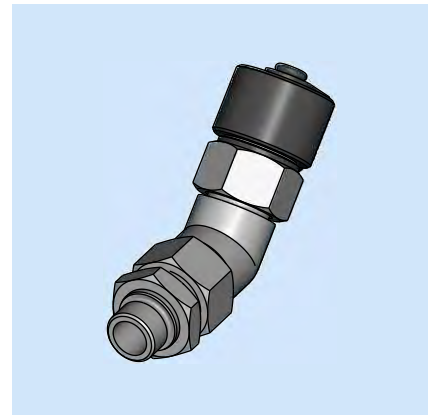
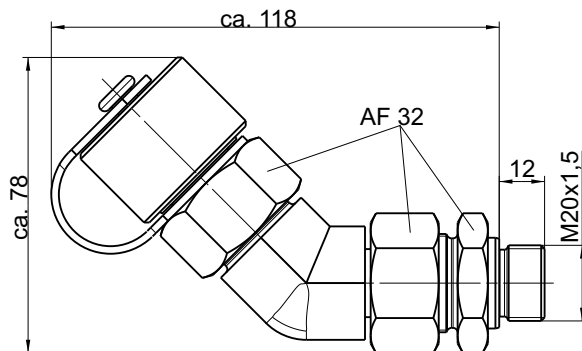
All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic

Filling connection 45° without non-return valve

acc. to FAZ02519-07

for the filling of the electric pump EP-1

Dimensions:



| Article-no. | Material |
|-------------|----------|
| 21520146 | steel |

All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic

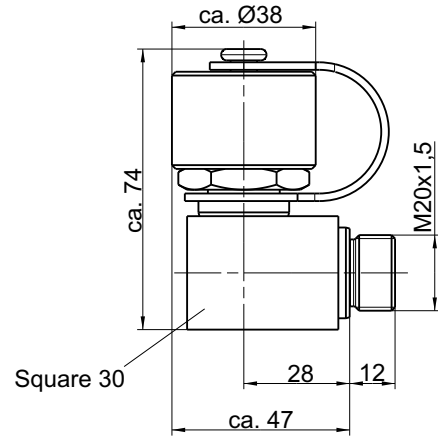
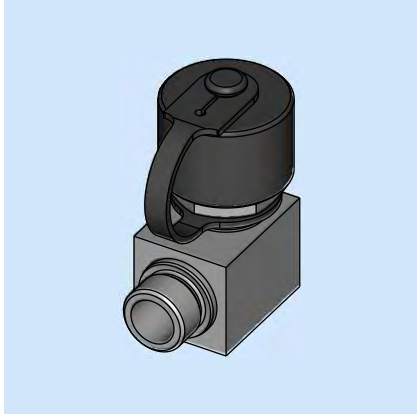


Filling connection 90° without non-return valve

acc. to FAZ02519-02

for the filling of the electric pump EP-1

Dimensions:



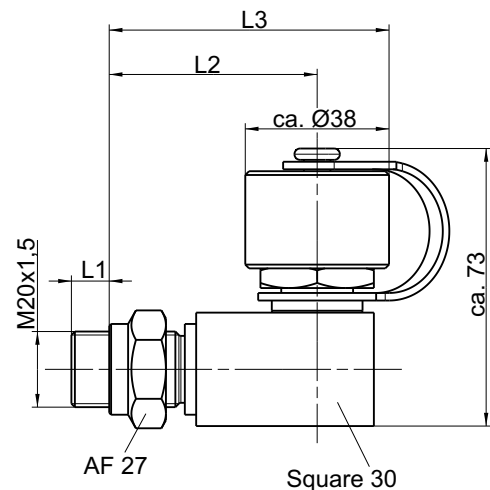
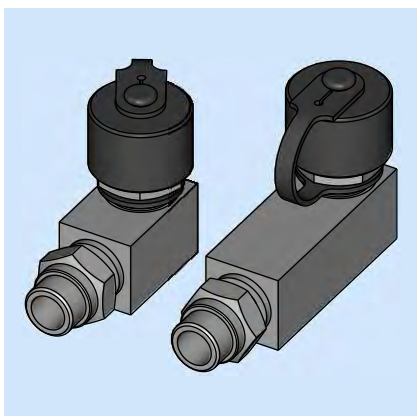
| Article-no. | Material |
|-------------|----------|
| 21520153 | steel |

All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic

Filling connection 90°

without non-return valve, with counter nut
for the filling of the electric pump EP-1

Dimensions:



| Article-no. | L1 | ca. L2 | ca. L3 | Material |
|-------------|-------|--------|--------|----------|
| 21520149 | 10-14 | 50-56 | 74 | steel |
| 21520147 | 10-14 | 85-91 | 109 | steel |

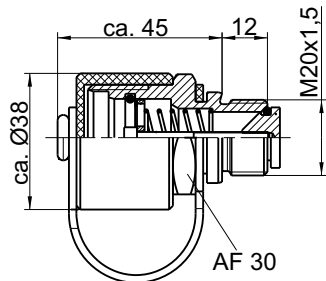
All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic

Straight filling connection with non-return valve

acc. to FAZ03177-00

for the filling of the central lubrication pump PICO

Dimensions:



| Article-no. | Material |
|-------------|----------|
| 21520152 | steel |

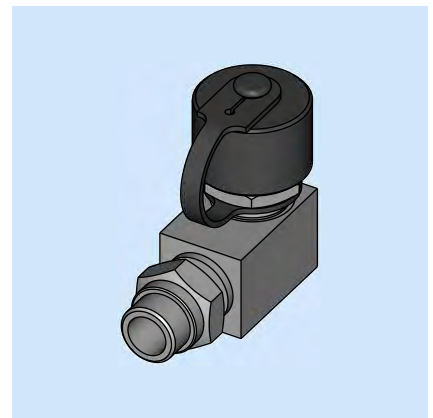
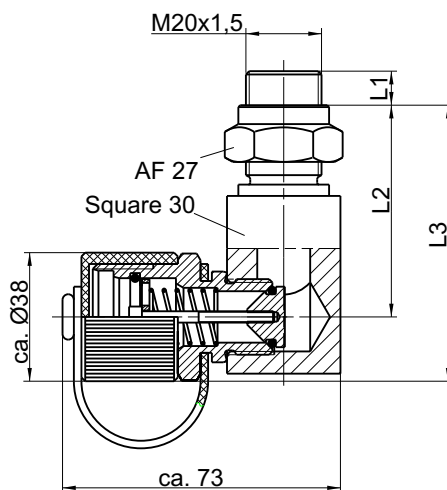
All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic

Filling connection 90° with non-return valve, with counter nut

acc. to FAZ03177-01

for the filling of the central lubrication pump PICO

Dimensions:



| Article-no. | L1 | ca. L2 | ca. L3 | Material |
|-------------|-------|--------|--------|----------|
| 21520174 | 10-14 | 50-56 | 74 | steel |

All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic

Pump elements

not adjustable reg. output rate
for electric pump EP-1

Dimensions:

Fig. 1:
PE-170

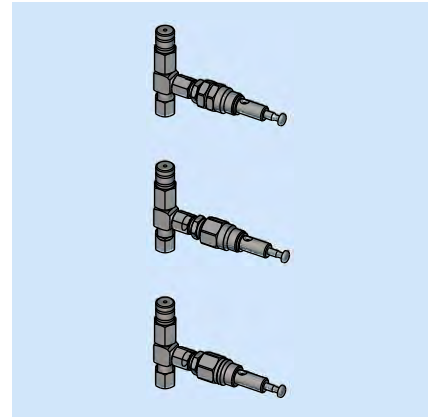
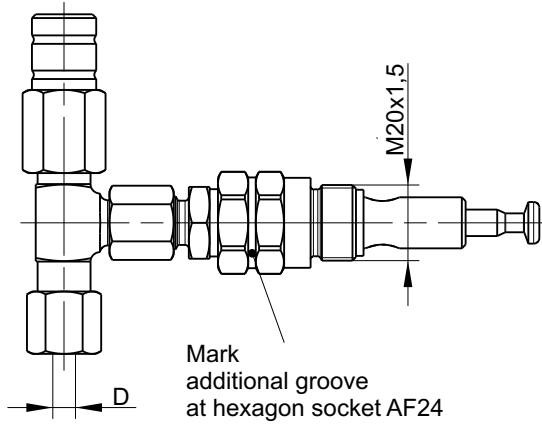


Fig. 2:
PE-120

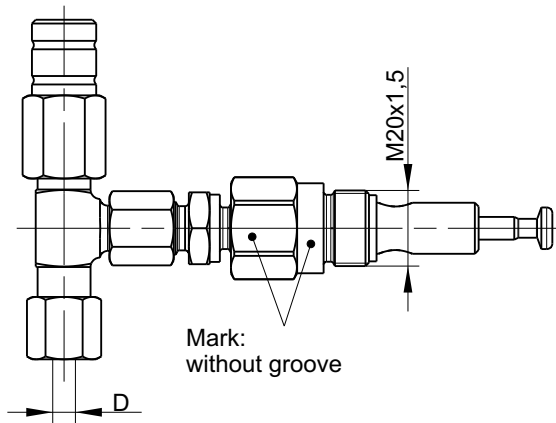
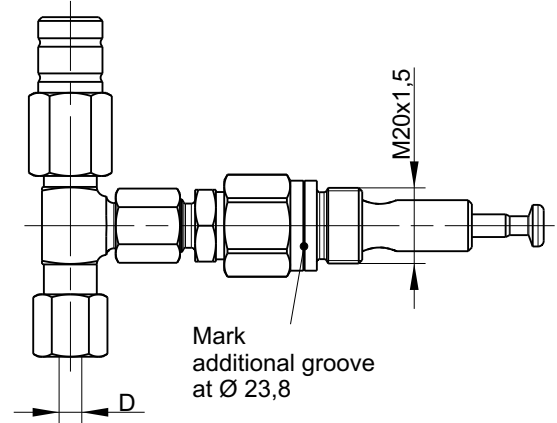


Fig. 3:
PE-60



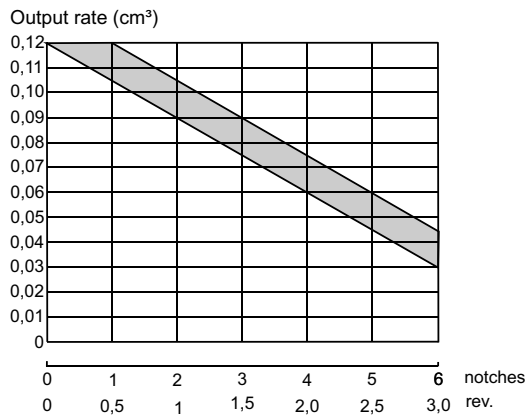
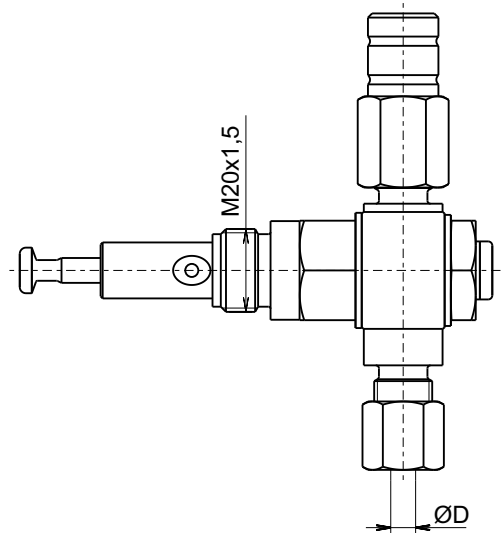
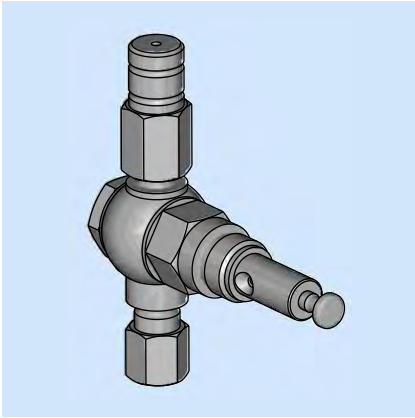
| Article-no. | D | Output rate | Fig. | Material |
|------------------|---|-----------------------------|------|----------|
| 2152 990 69 0000 | 6 | 170 mm ³ /stroke | 1 | steel |
| 2152 990 61 0000 | 6 | 120 mm ³ /stroke | 2 | steel |
| 2152 990 67 0000 | 6 | 60 mm ³ /stroke | 3 | steel |

All parts made of steel are galvanized, yellow chromated.

Pump element PE-120V

output rate is adjustable
for the electric pump EP-1

Dimensions:



| Article-no. | D | Material |
|------------------|---|----------|
| 2152 990 63 0000 | 6 | steel |
| 2152 990 63 0001 | 8 | steel |

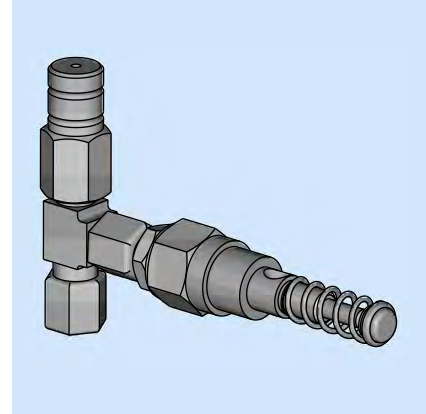
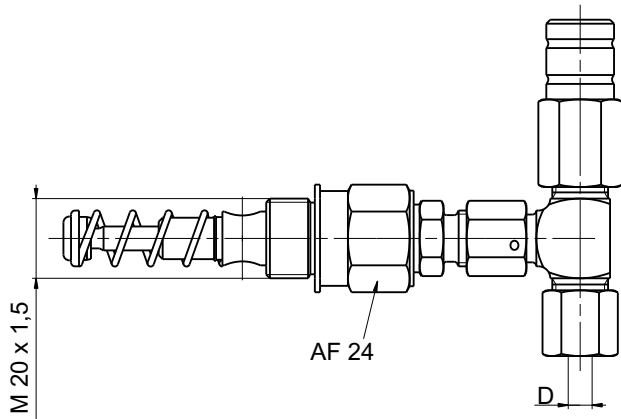
All parts made of steel are galvanized, yellow chromated.



Pump element PE-120F

for central lubrication pump PICO

Dimensions:



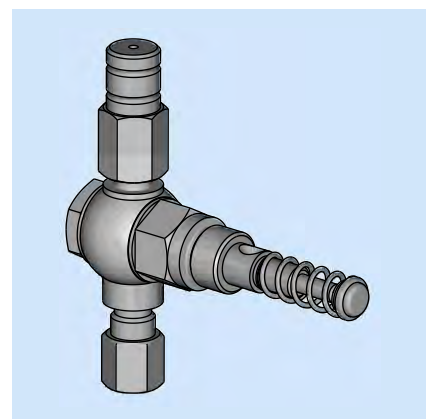
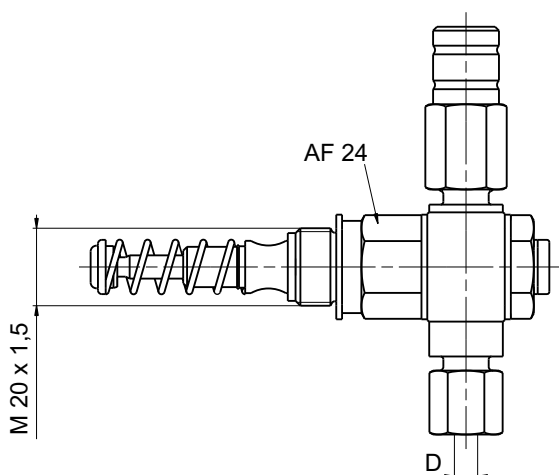
| Article-no. | D | Material |
|------------------|---|----------|
| 2185 990 61 0000 | 6 | steel |

All parts made of steel are galvanized, yellow chromated.

Pump element PE-120 FV

for central lubrication pump PICO

Dimensions:



| Article-no. | D | Material |
|------------------|---|----------|
| 2185 990 63 0000 | 6 | steel |

All parts made of steel are galvanized, yellow chromated.



Pump element with lubrication nipple

Dimensions:

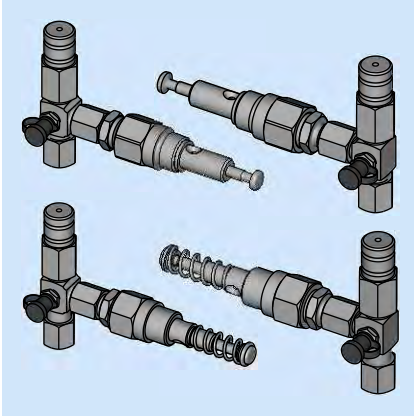


Fig. 1:

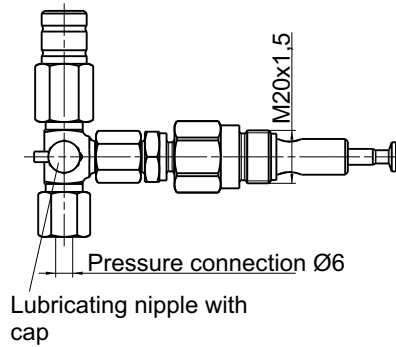


Fig. 2:

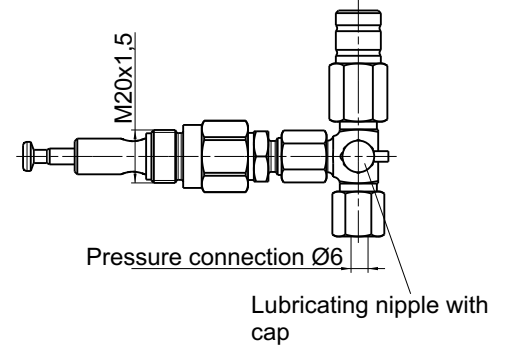


Fig. 3:

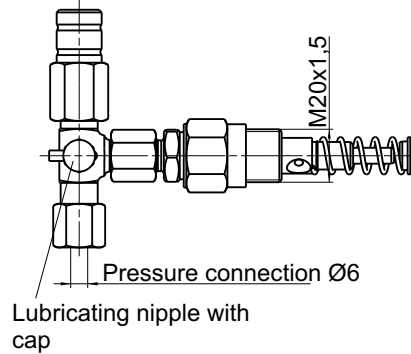
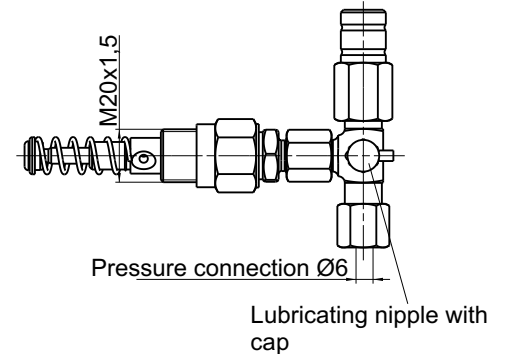


Fig. 4:



| Article-no. | Designation | Output rate | Fig. | Material |
|------------------|-------------|-----------------------------|------|----------|
| 2152 990 69 4000 | PE-170 | 170 mm ³ /stroke | 1 | steel |
| 2152 990 69 5000 | PE-170 | 170 mm ³ /stroke | 2 | steel |
| 2152 990 61 4000 | PE-120 | 120 mm ³ /stroke | 1 | steel |
| 2152 990 61 5000 | PE-120 | 120 mm ³ /stroke | 2 | steel |
| 2152 990 67 4000 | PE-60 | 60 mm ³ /stroke | 1 | steel |
| 2152 990 67 5000 | PE-60 | 60 mm ³ /stroke | 2 | steel |
| 2185 990 61 4000 | PE-120F | 120 mm ³ /stroke | 3 | steel |
| 2185 990 61 5000 | PE-120F | 120 mm ³ /stroke | 4 | steel |

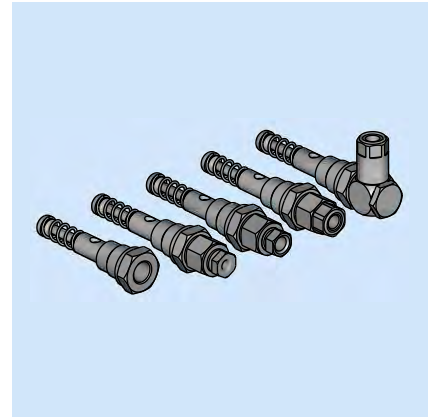
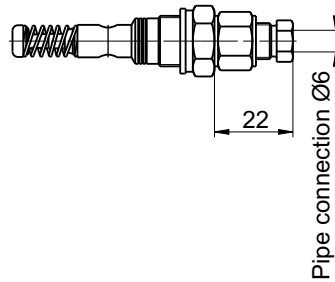
All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic

Pump element PE-5 to PE-50

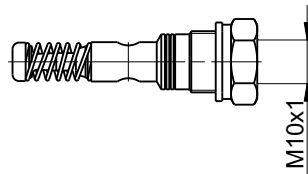
for central lubrication pump PICO

Dimensions:

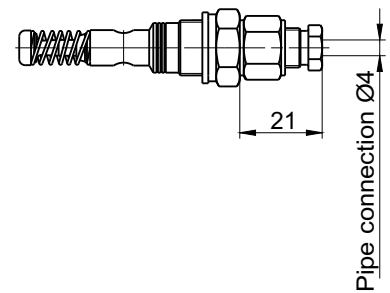
with union screw and olive for pipe Ø 6:
(standard)



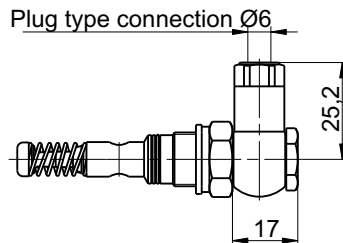
with threaded connection M10x1



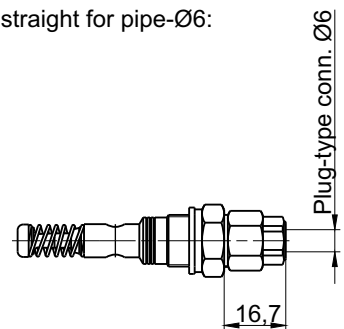
with union screw and olive for pipe-Ø 4:



with plug-type connection 90° for pipe-Ø6:



with plug-type connection straight for pipe-Ø6:



Order-key:

Type-no.: 2154 . 9000 . 01

| Designation | Output rate/stroke | |
|-------------|--------------------|------|
| PE-5 | 5 mm ³ | 9001 |
| PE-10 | 10 mm ³ | 9002 |
| PE-15 | 15 mm ³ | 9003 |
| PE-25 | 25 mm ³ | 9000 |
| PE-50 | 50 mm ³ | 9010 |

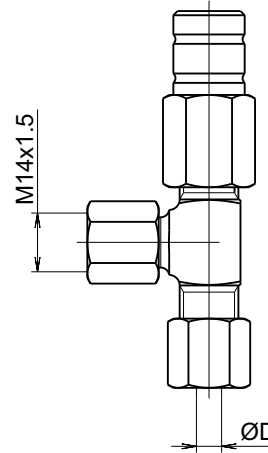
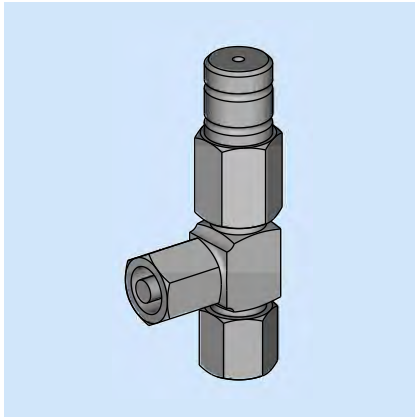
| Connection designation | | |
|---|--|----|
| Thread connection M10x1 | | 00 |
| Pipe connect. Ø6 with ÜS6 a.DKR6 | | 01 |
| Straight plug-type connect. for pipe-Ø6 | | 02 |
| Plug-type connect. 90° for pipe-Ø6 | | 03 |
| Pipe connect. Ø4 with ÜS4 a.DKR4 | | 04 |

All parts made of steel are galvanized, yellow chromated.



Pressure Relief Valve

for PE-120 and PE-120F

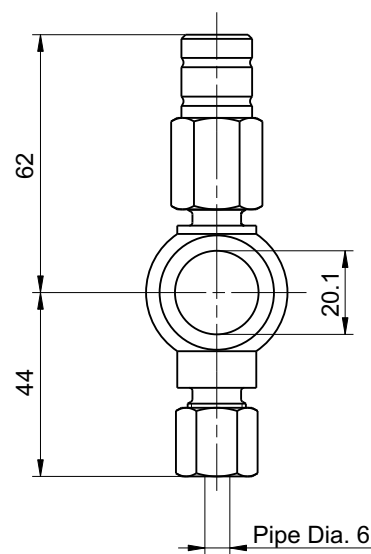
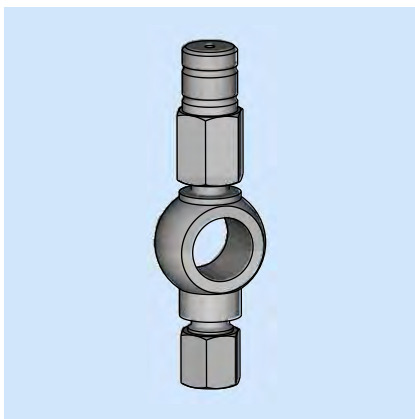


| Part-No. | D | Material |
|-----------|---|----------|
| 2152 0062 | 6 | Steel |

All parts made of steel are zinc coated and yellow chromated.

Pressure Relief Valve

for PE-120V and PE-120FV



| Part-No. | D | Material |
|-----------|---|----------|
| 2152 0063 | 6 | Steel |

All parts made of steel are zinc coated and yellow chromated.

Pressure relief valve with lubrication nipple

for pump elements PE-60 to PE-170 and PE-120F
adjusted to 280 bar opening pressure

Dimensions:

Fig. 1:

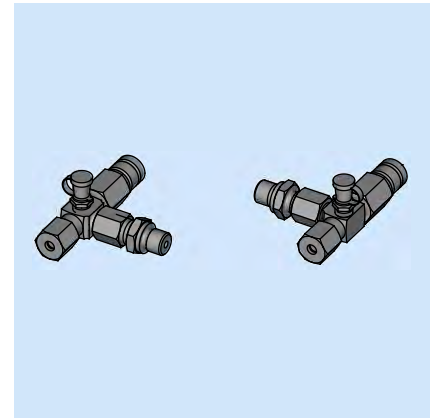
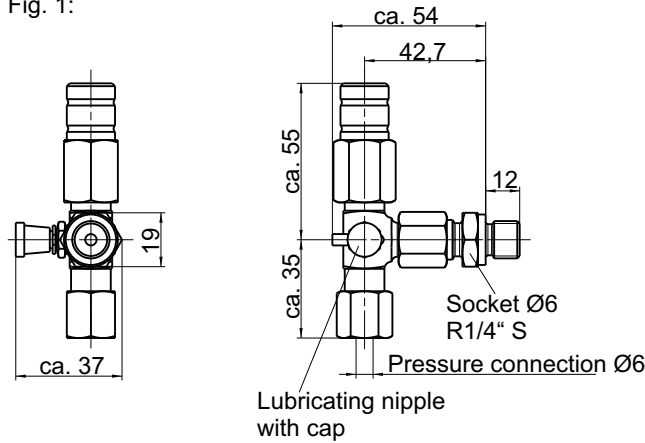
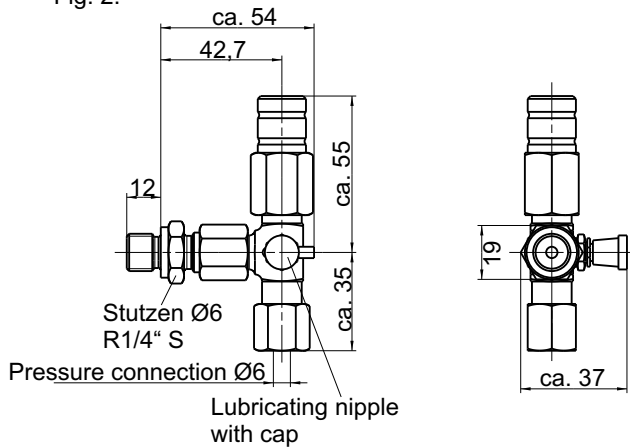


Fig. 2:



| Article-no. | Fig. | Socket Ø6 | Material |
|-------------|------|-----------|----------|
| 21520067 | 1 | with | steel |
| 21520068 | 1 | without | steel |
| 21520075 | 2 | with | steel |
| 21520076 | 2 | without | steel |

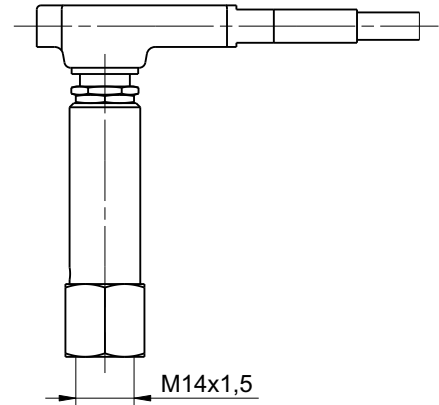
All parts made of steel are galvanized, yellow chromated.
Dust protection cap: red plastic



**Pressure relief valve with micro switch for PE60 to PE170; PE120F;
PE-120 V und PE-120 FV**

with cable one-sided

Dimensions:



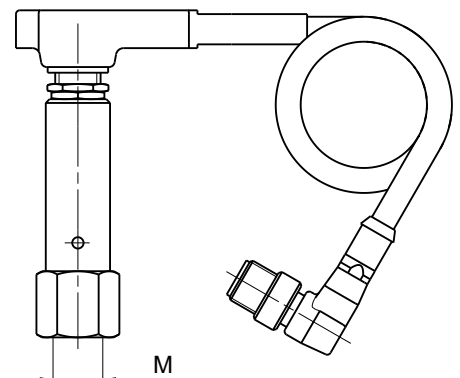
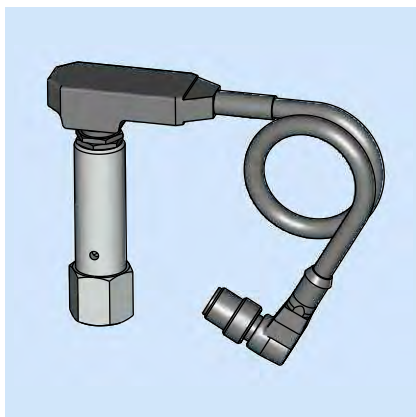
| Article-no. | Material |
|-----------------|----------|
| 2152 9906 10028 | steel |

All parts made of steel are galvanized, yellow chromated.

**Pressure relief valve with micro switch for PE60 to PE170; PE120F;
PE-120 V and PE-120 FV**

with cable and angled plug M12x1 for the connection at the BEKA-troniX1 or EP-tronic control unit with bayonet plug

Dimensions:

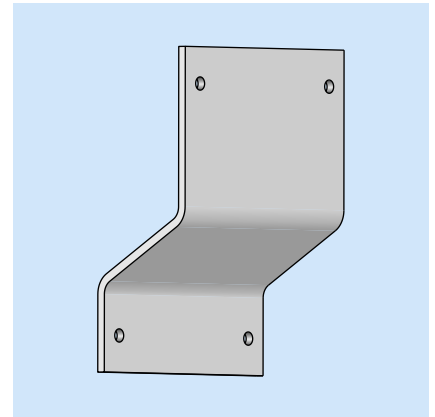
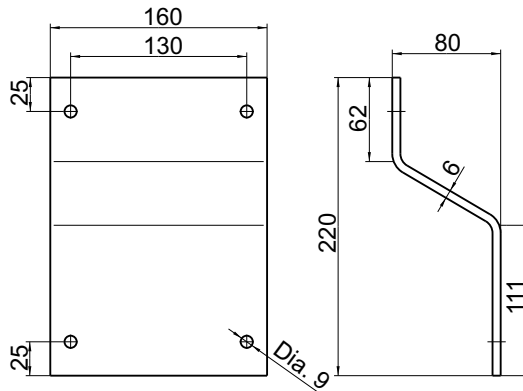


| Article-no. | Material |
|-------------|----------|
| 2152 99 119 | steel |

All parts made of steel are galvanized, yellow chromated.

Mounting Bracket

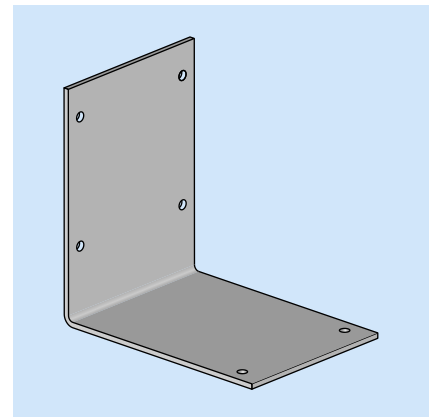
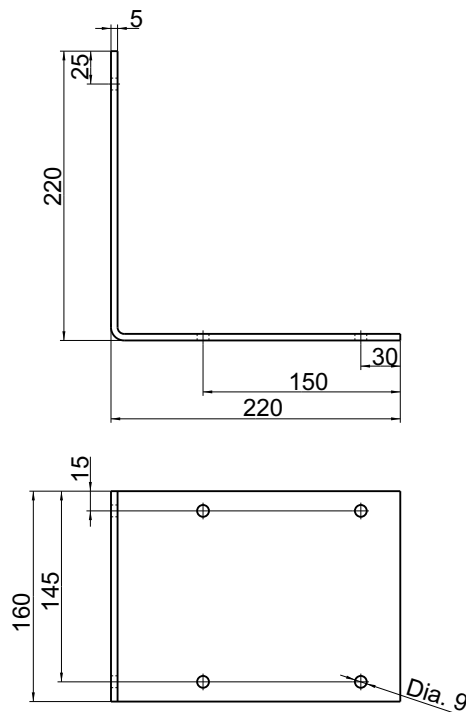
for Electric Pump EP-1



| Part-No. | Material |
|------------|---------------------------------------|
| 0800500100 | Steel zinc coated, yellow chromate |

Mounting Plate

for Electric Pump EP-1

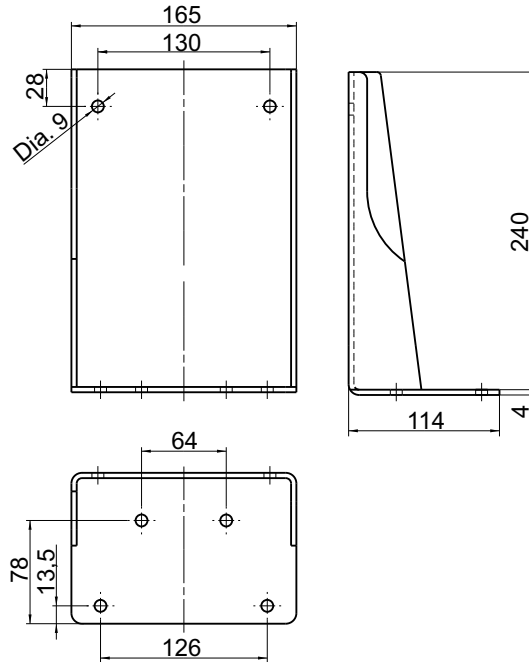
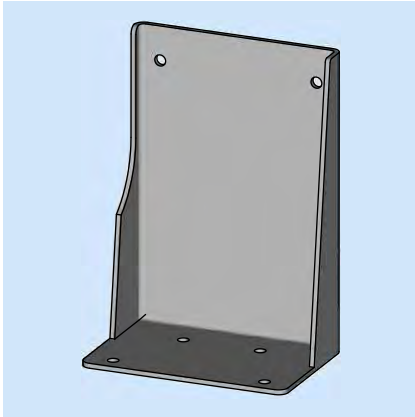


| Part-No. | Material |
|------------|---------------------------------------|
| 0800500101 | Steel zinc coated, yellow chromate |



Bracket

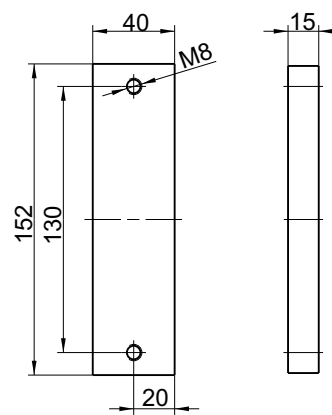
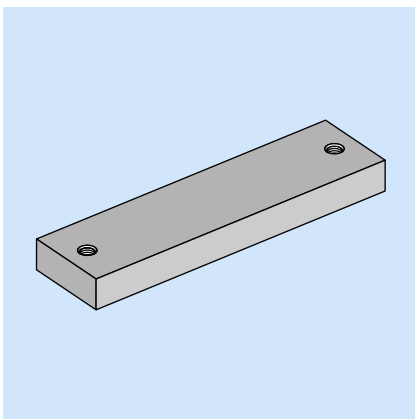
for Electric pump EP-1



| Part-No. | Material |
|------------|--------------------------------------|
| 0800800445 | Steel zinc coated yellow chromate |

Mounting Plate

for Electric pump EP-1

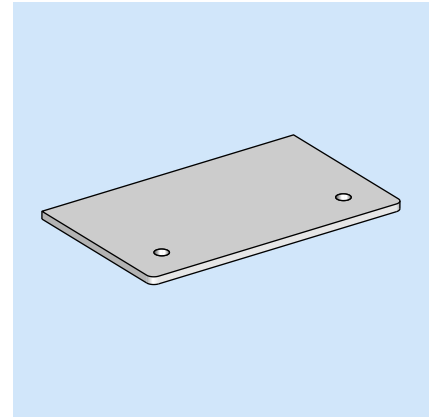
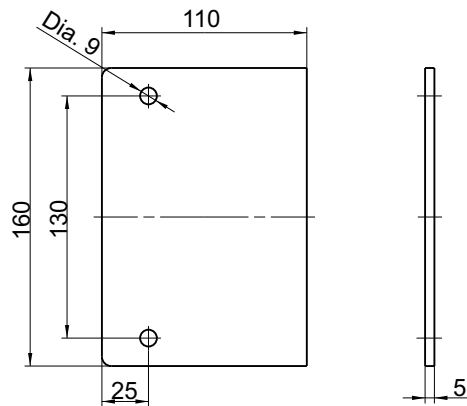


| Part-No. | Material |
|-------------|----------------|
| FWZ03605-00 | Steel uncoated |



Pump Mounting Plate

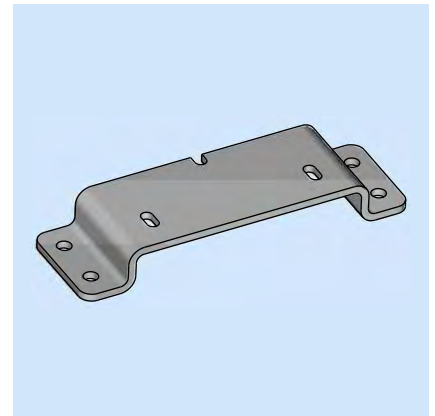
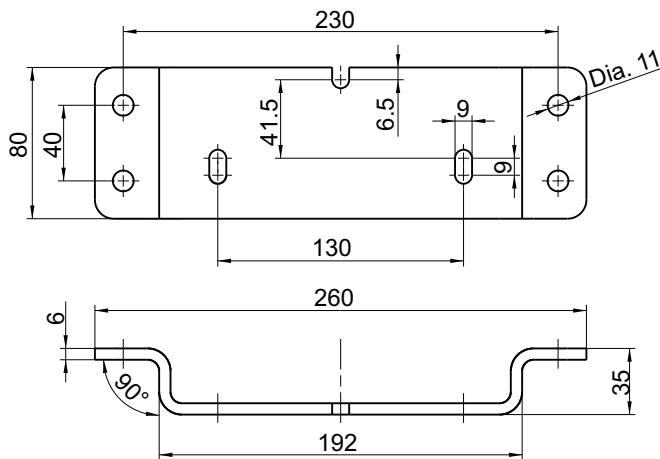
for Electric Pump EP-1



| Part-No. | Material |
|------------|----------------|
| 0800800263 | Steel uncoated |

Mounting Bracket

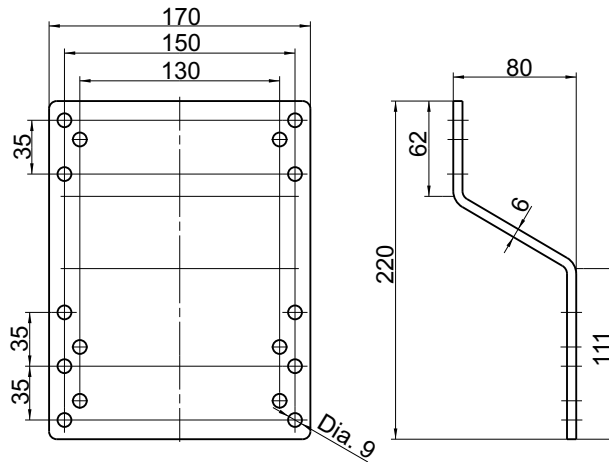
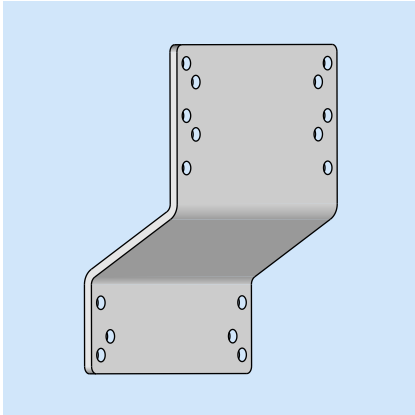
for EP-1 with 8 kg Grease-reservoir 1 part



| Part-No. | Material |
|------------|--|
| 0800800822 | Steel zinc coated, yellow chromated |

Pump Mounting Plate

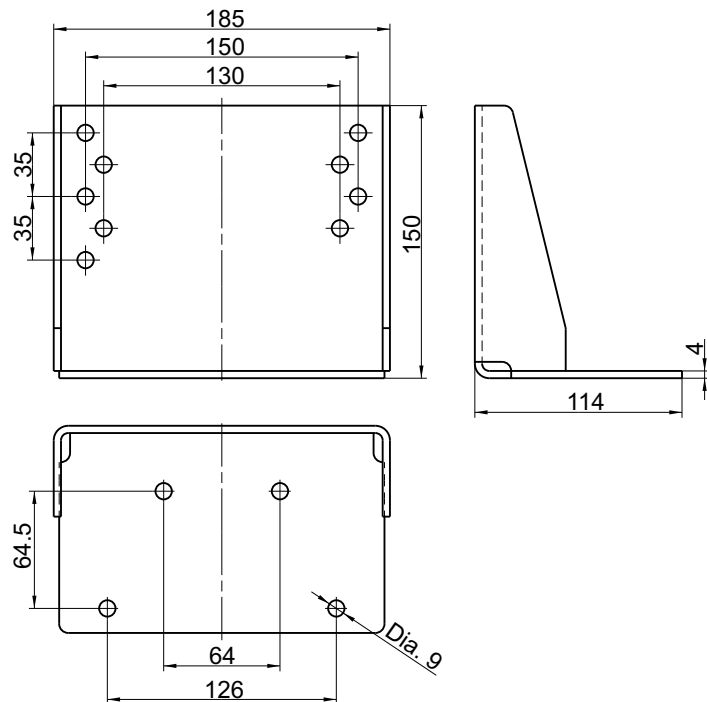
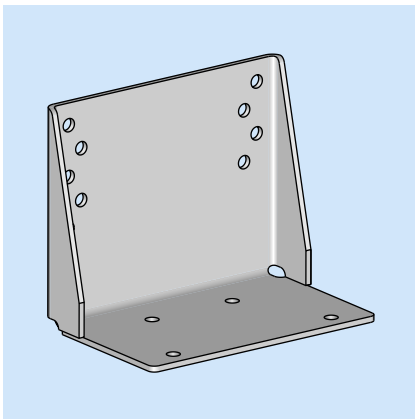
for Centralized Lubrication Pump PICO



| Part-No. | Material |
|------------|---------------------------------------|
| 0800800733 | Steel zinc coated, yellow chromate |

Bracket

for Centralized Lubrication Pump Pico

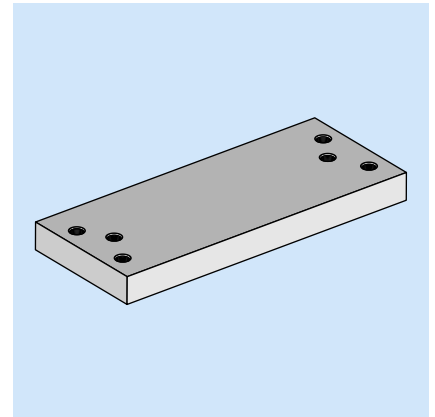
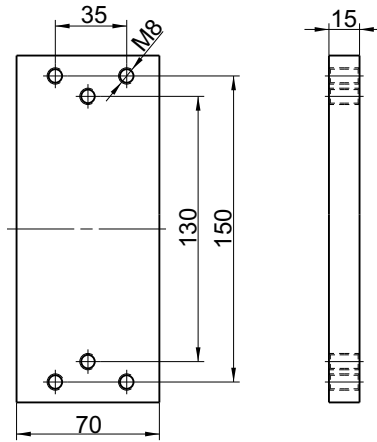


| Part-No. | Material |
|------------|---------------------------------------|
| 0800800734 | Steel zinc coated, yellow chromate |



Weld on mounting Plate

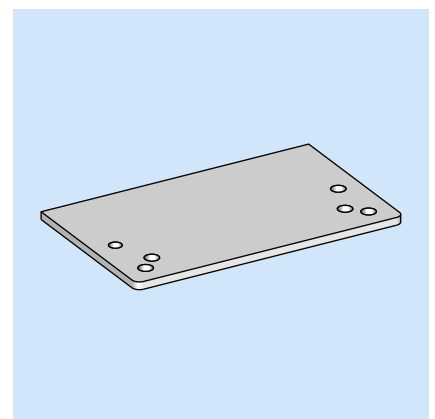
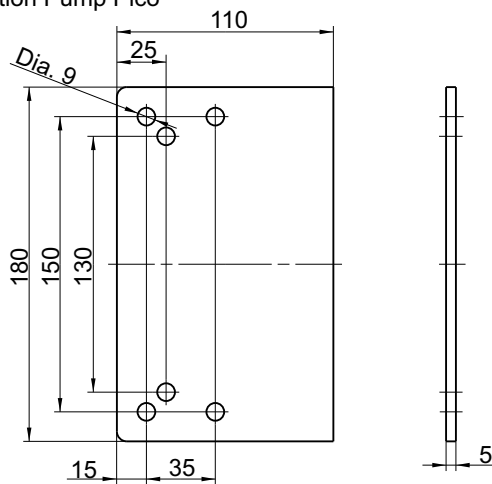
for Centralized Lubrication Pump Pico



| Part-No. | Material |
|-------------|----------------|
| F2185/33-00 | Steel uncoated |

Mounting Plate

for Centralized Lubrication Pump Pico

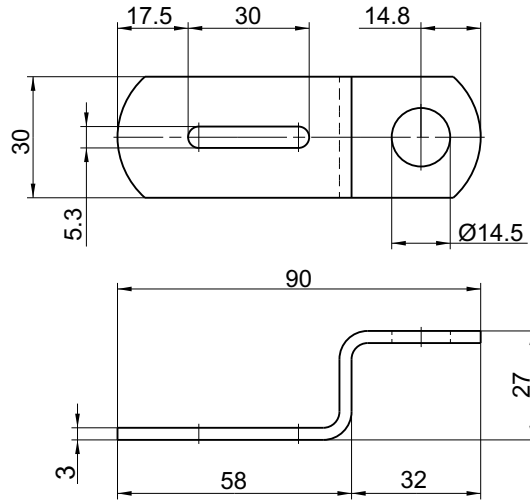
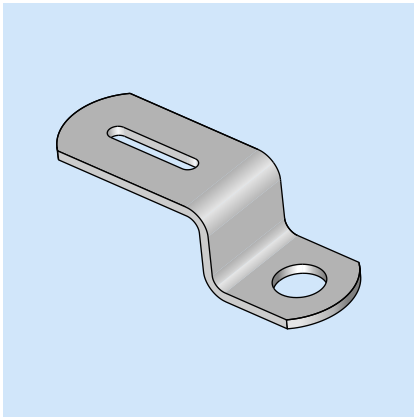


| Part-No. | Material |
|------------|----------------|
| 0800800732 | Steel uncoated |



Mounting Bracket

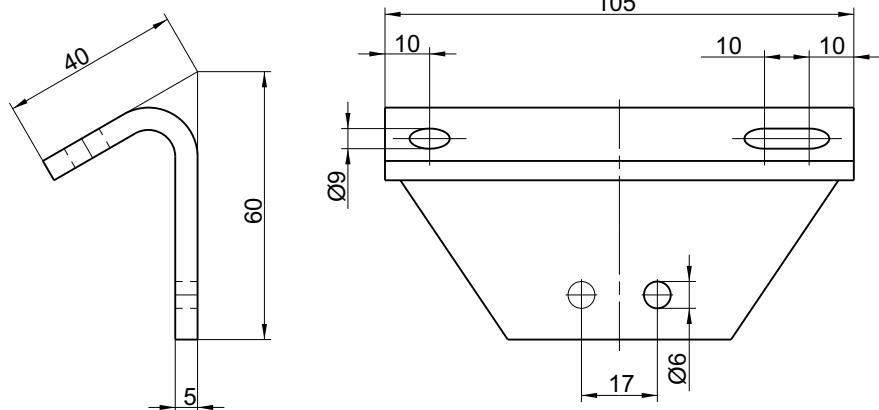
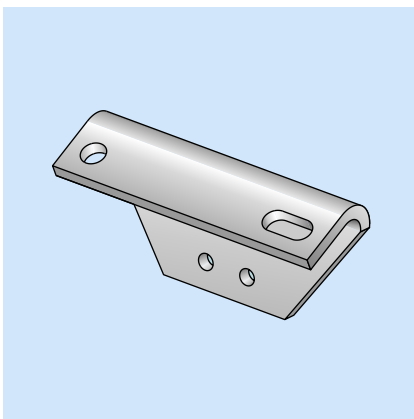
for MX-F Distributor



| Part-No. | Material |
|------------|---------------------------------------|
| 0800800010 | Steel zinc coated, yellow chromate |

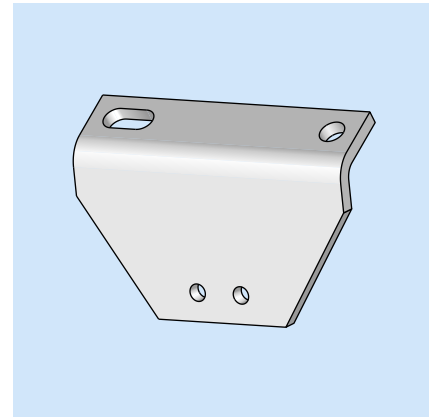
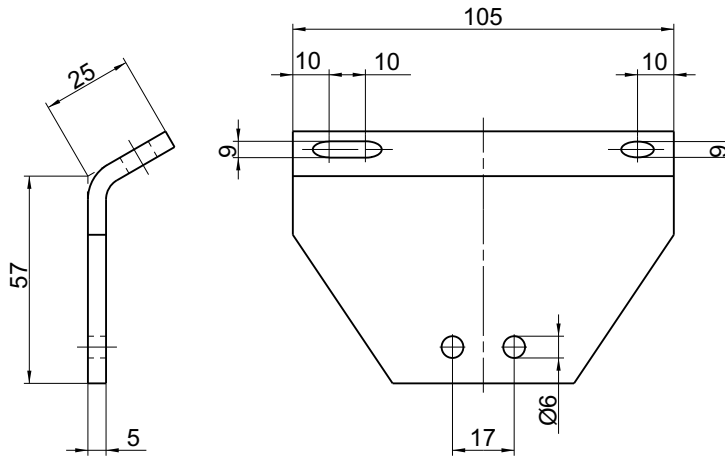
Mounting Bracket

for MX-F Distributor



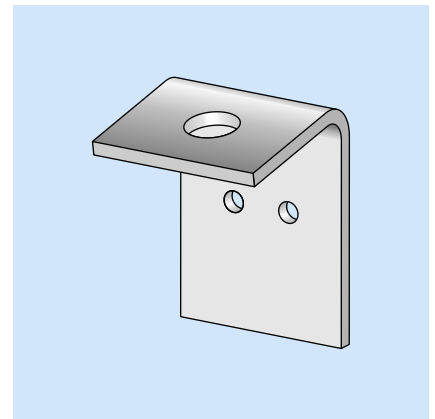
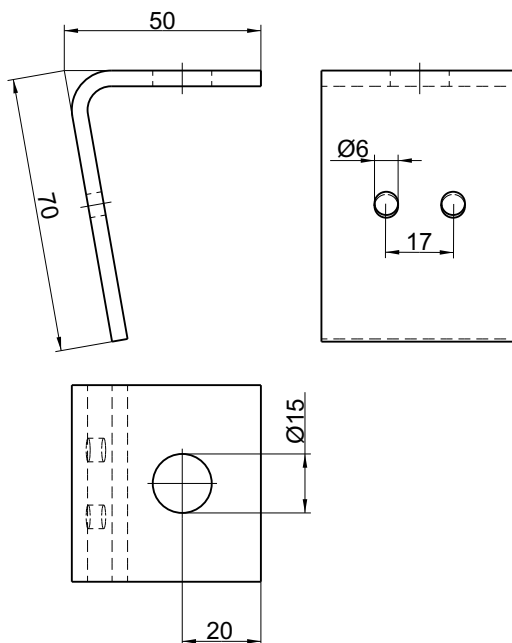
| Part-No. | Material |
|------------|---------------------------------------|
| 0800800210 | Steel zinc coated, yellow chromate |

Mounting Bracket for MX-F Distributor



| Part-No. | Material |
|------------|---------------------------------------|
| 0800800211 | Steel zinc coated, yellow chromate |

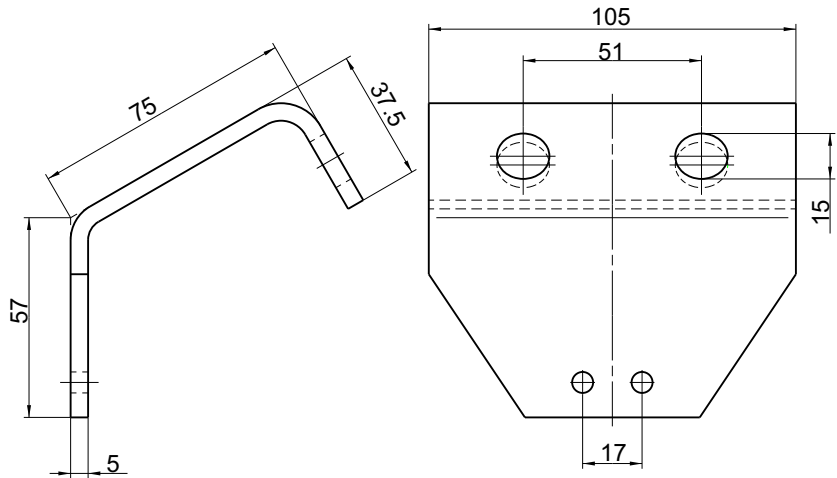
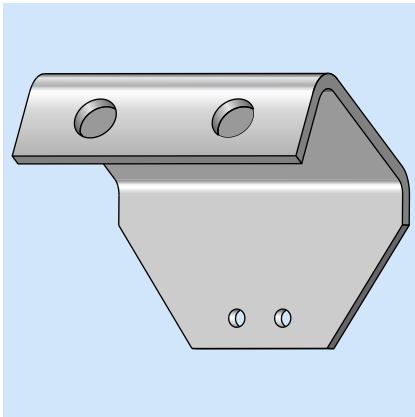
Mounting Bracket for MX-F Distributor



| Part-No. | Material |
|------------|---------------------------------------|
| 0800800241 | Steel zinc coated, yellow chromate |

Mounting Bracket

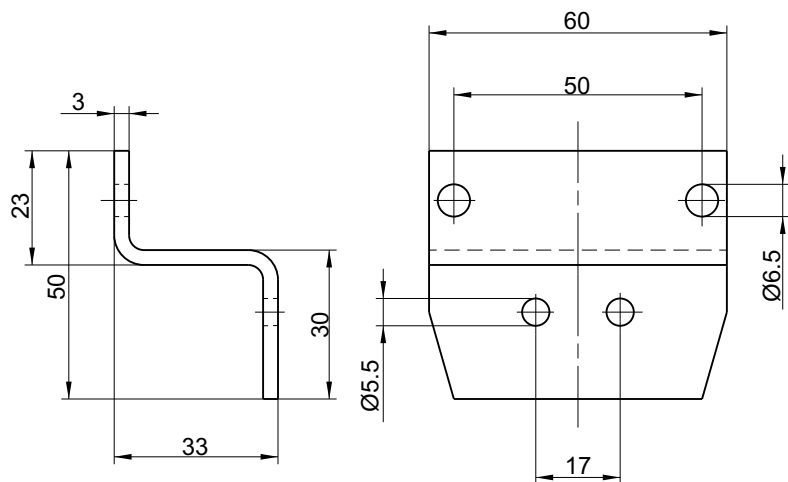
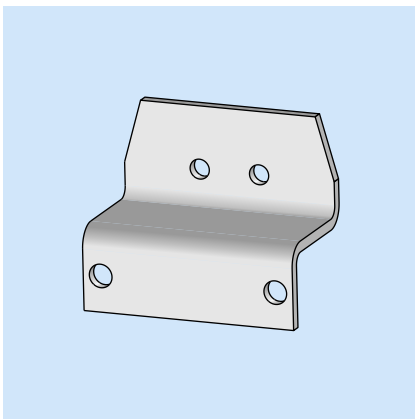
for MX-F Distributors



| Part-No. | Material |
|------------|---------------------------------------|
| 0800800286 | Steel zinc coated, yellow chromate |

Mounting Bracket

for MX-F Distributor

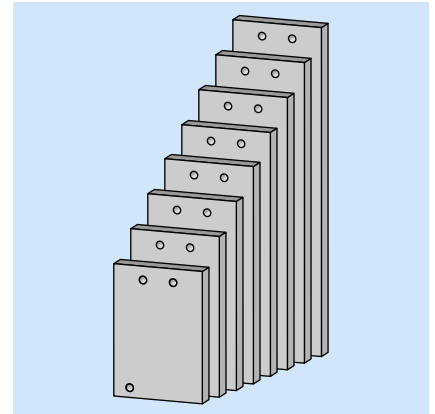
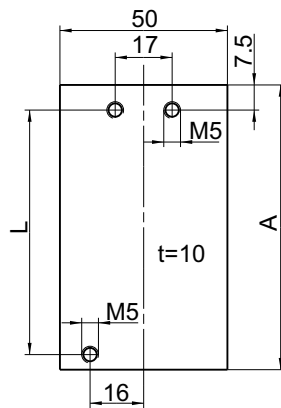


| Part-No. | Material |
|------------|---------------------------------------|
| 0800800220 | Steel zinc coated, yellow chromate |



Mounting Plates (welding)

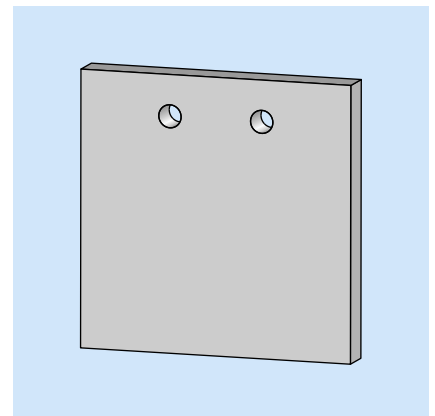
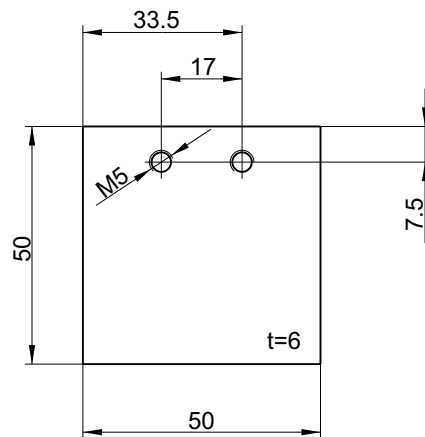
for MX-F Distributor



| Part-No. | for Distributor MX-F X/X | A | L | Material |
|-----------------|--------------------------|-----|-------|----------|
| FWZ02259-00 001 | 3/X | 70 | 57.2 | Steel |
| FWZ02259-00 002 | 4/X | 85 | 72.0 | Steel |
| FWZ02259-00 003 | 5/X | 100 | 86.7 | Steel |
| FWZ02259-00 004 | 6/X | 115 | 101.5 | Steel |
| FWZ02259-00 005 | 7/X | 129 | 116.2 | Steel |
| FWZ02259-00 006 | 8/X | 144 | 131 | Steel |
| FWZ02259-00 007 | 9/X | 159 | 145.7 | Steel |
| FWZ02259-00 008 | 10/X | 174 | 160.5 | Steel |

Short Mounting Plate (welding)

for MX-F Distributors

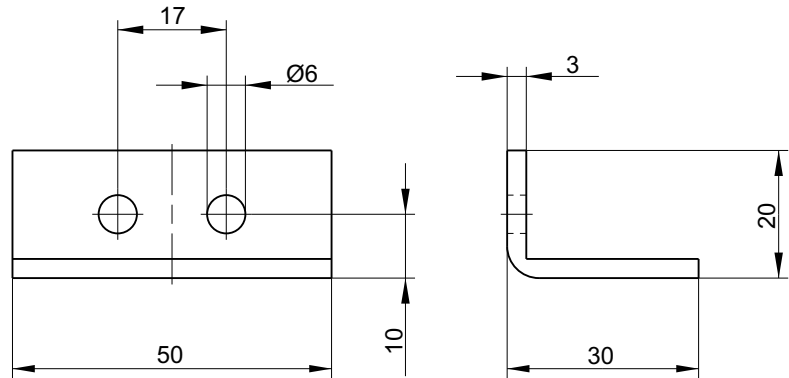
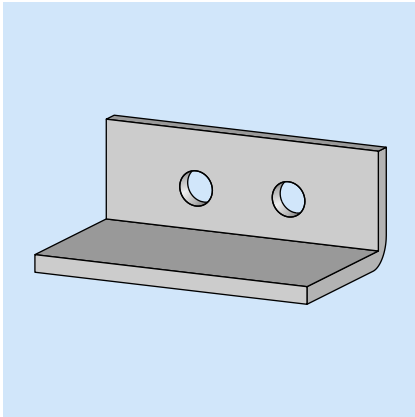


| Part-No. | Material |
|------------|---------------------------------------|
| 0800800636 | Steel zinc coated, yellow chromate |

Subject to alterations! © BEKA 2010 All rights reserved!

Angle Mounting Plate (welding)

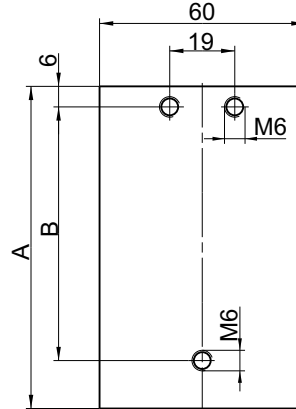
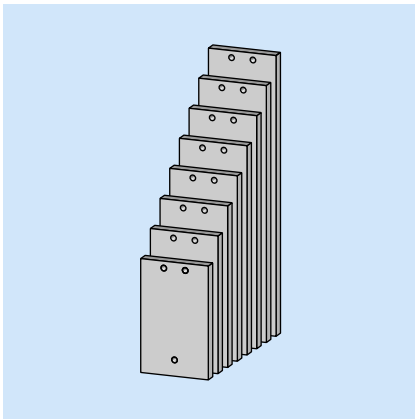
for MX-F Distributor



| Part-No. | Material |
|------------|---------------------------------------|
| 0800800571 | Steel zinc coated, yellow chromate |

Mounting Plates (welding)

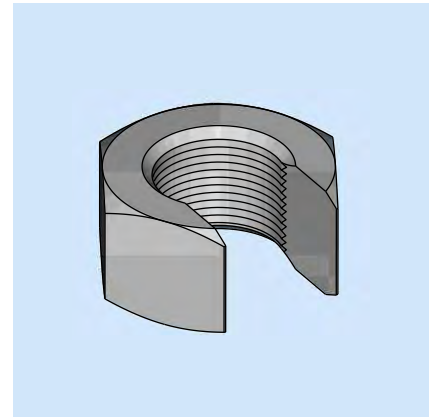
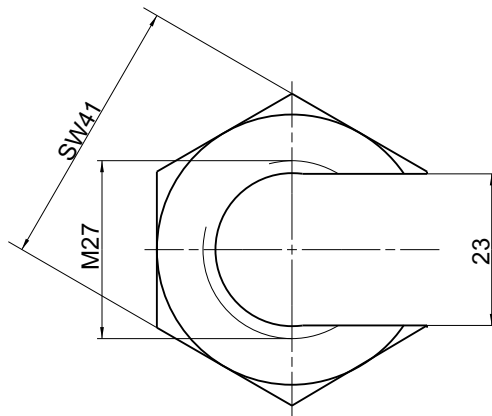
for SX-1 Distributors



| Part-No. | for Distributor SX-1 X/X | A | B | Material |
|-----------------|--------------------------|-------|-------|----------|
| FWZ02259-02 001 | 3 | 94.1 | 74.1 | Steel |
| FWZ02259-02 002 | 4 | 113.8 | 93.8 | Steel |
| FWZ02259-02 003 | 5 | 133.5 | 113.5 | Steel |
| FWZ02259-02 004 | 6 | 153.2 | 133.2 | Steel |
| FWZ02259-02 005 | 7 | 172.9 | 152.9 | Steel |
| FWZ02259-02 006 | 8 | 192.6 | 172.6 | Steel |
| FWZ02259-02 007 | 9 | 212.3 | 192.3 | Steel |
| FWZ02259-02 008 | 10 | 232.0 | 212.0 | Steel |

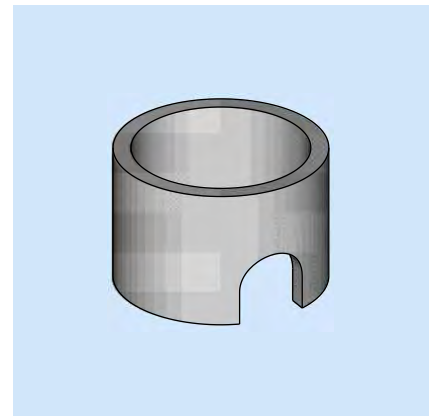
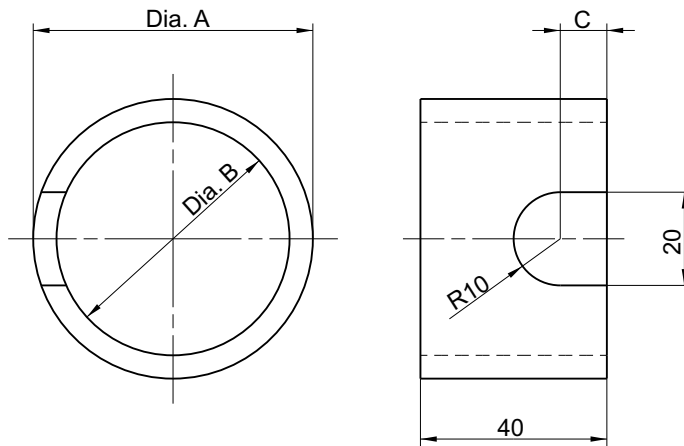
Subject to alterations! © BEKA 2010 All rights reserved!

Weld-on Nut



| Part-No. | Material |
|-------------|----------|
| FWZ02617-00 | Steel |

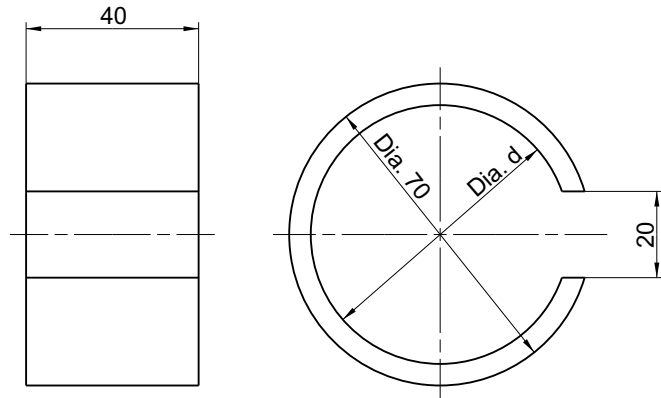
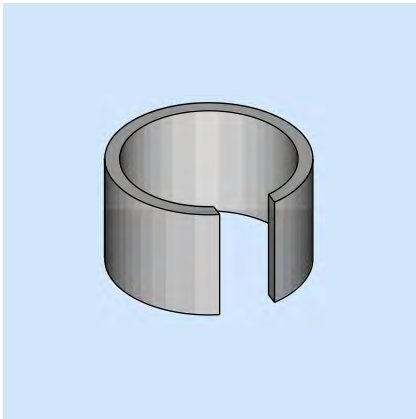
Protection Ring



| Part-No. | Dia. A | Dia. B | C | Material |
|-------------|--------|--------|----|----------|
| FWZ02902-01 | 60 | 50 | 10 | Steel |
| FWZ02902-02 | 90 | 78 | 13 | Steel |
| 0802000595 | 70 | 60 | 10 | Steel |

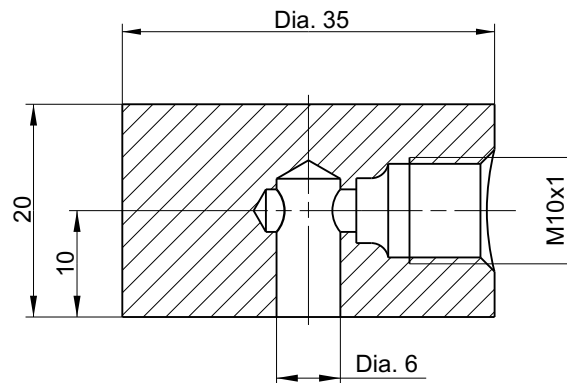
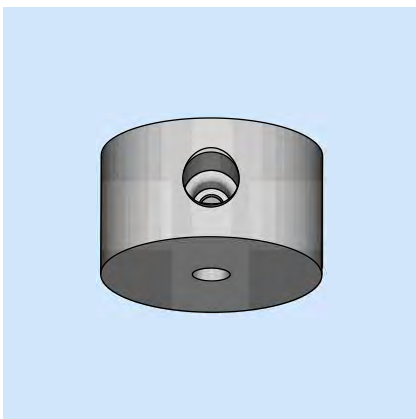


Protector for Lubrication Points



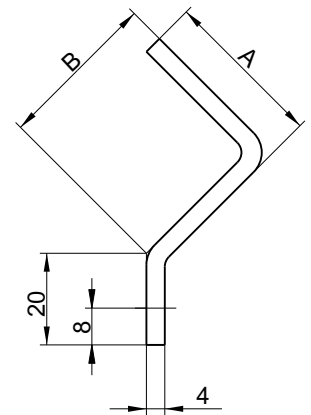
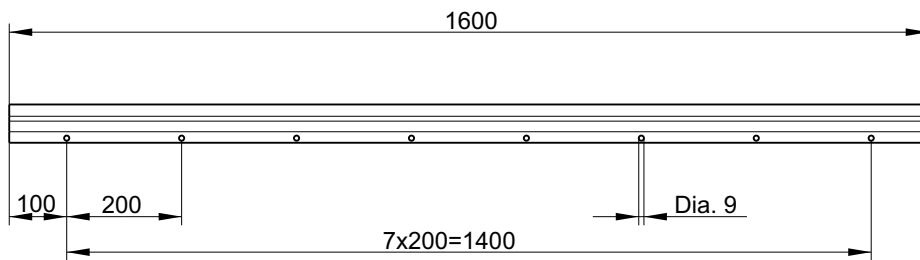
| Part-No. | Dia. d | Material |
|-------------|--------|-------------------|
| FWZ02902-00 | 60 | Steel undercoated |
| FWZ02902-06 | 50 | Steel bare |

Weld-on Piece for connecting the Lubrication Point



| Part-No. | Material |
|-------------|----------|
| FWZ03326-00 | Steel |

Protector for Pipes

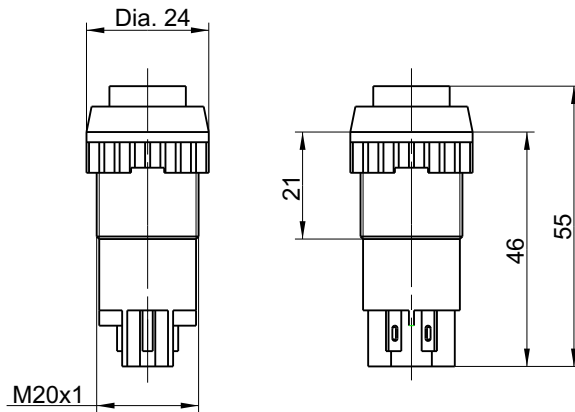
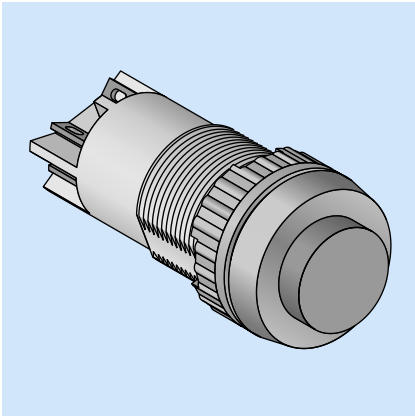


| Part-No. | A | B | Material |
|------------|----|----|----------|
| 0800800628 | 35 | 35 | Steel |

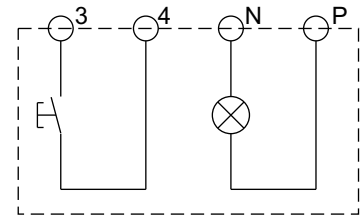
All Parts made of Steel are Zinc coated and yellow chromated.



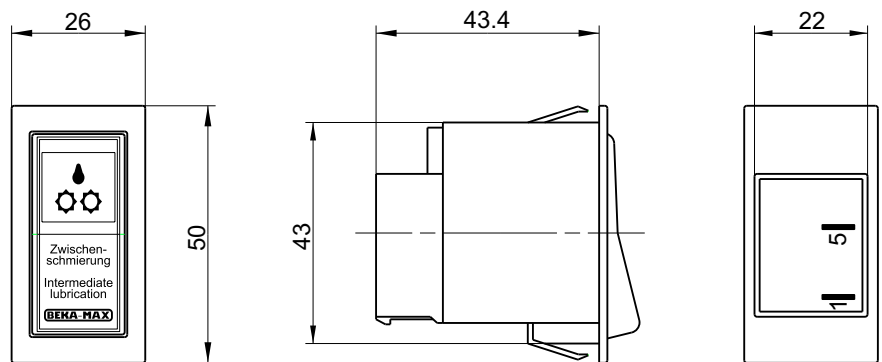
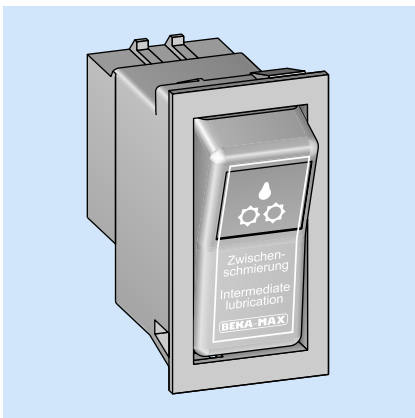
Push Button Light (including Sticker)



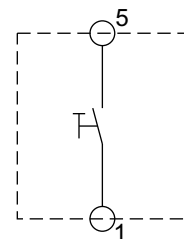
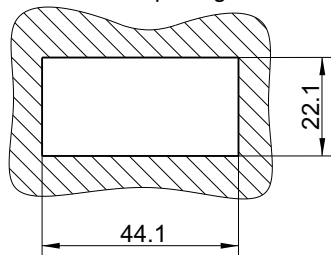
| Part-No. | Voltage | Color | Material |
|-------------|---------|-------|----------|
| 100 091 051 | 12V | green | Plastics |
| 100 091 050 | 24V | green | Plastics |



Intermediate Lube Button (without Signal Lamp, inclusive Sticker)



Installation Opening:

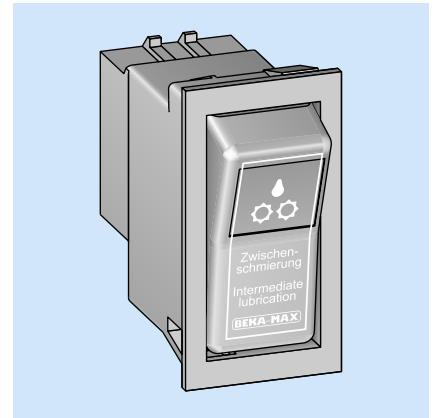
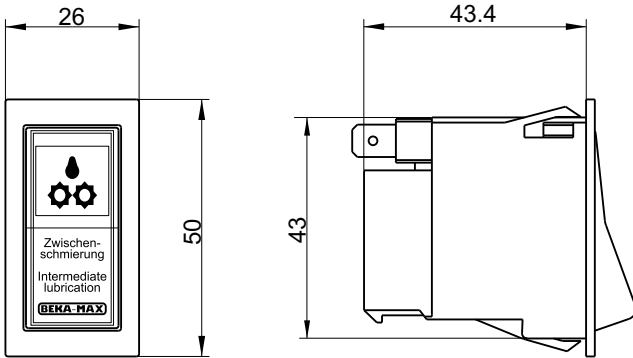


| Part-No. | Material |
|------------|----------|
| 1000950017 | Plastic |

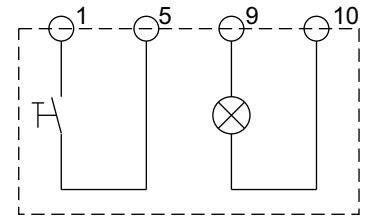
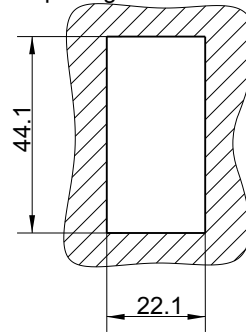
Subject to alterations! © BEKA 2010 All rights reserved!

Intermediate Lube Button

(with Signal Lamp)



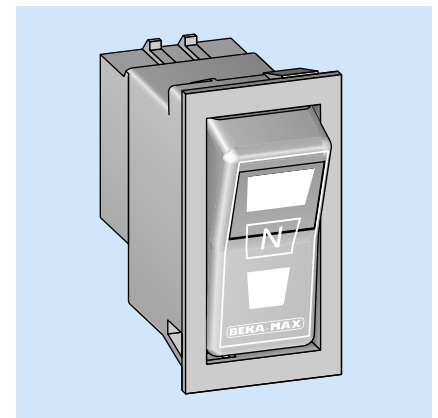
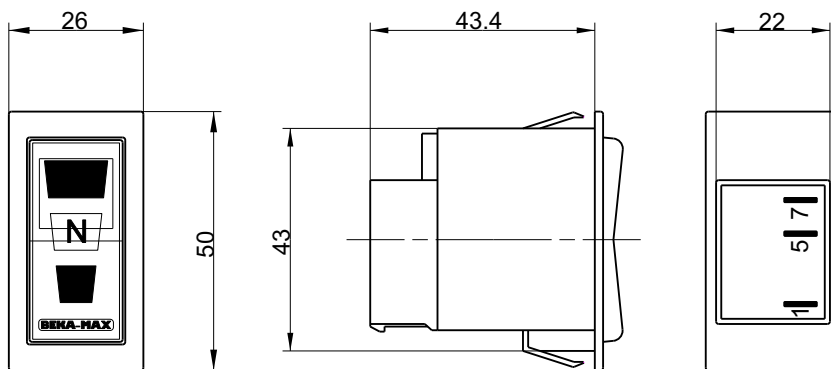
Installations
Opening:



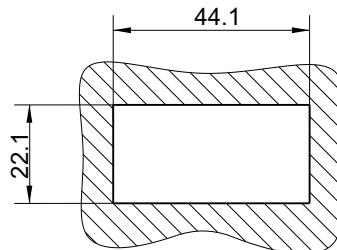
| Part-No. | Voltage | Color | Material |
|--------------|---------|-------|----------|
| 1000 950 023 | 12V | green | Plastic |
| 1000 950 024 | 24V | green | Plastic |
| 1000 950 019 | 12V | red | Plastic |
| 1000 950 020 | 24V | red | Plastic |

Selective Lube Button

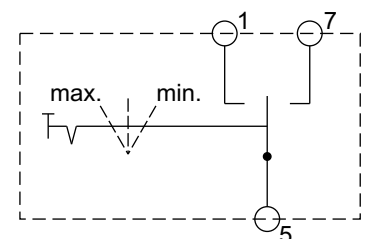
depending on Working Conditions



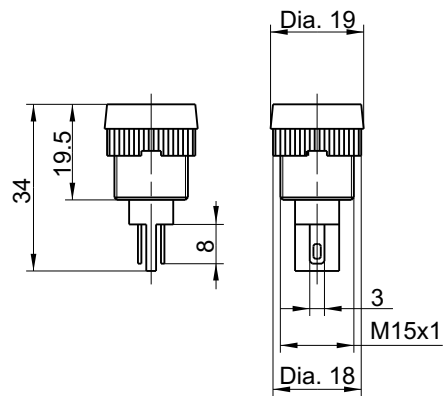
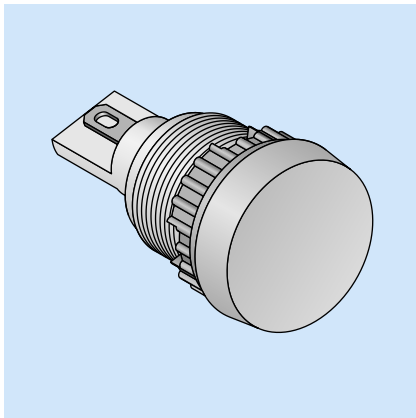
Installations Opening:



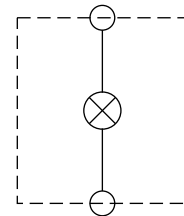
| Part-No. | Material |
|------------|----------|
| 1000950018 | Plastic |



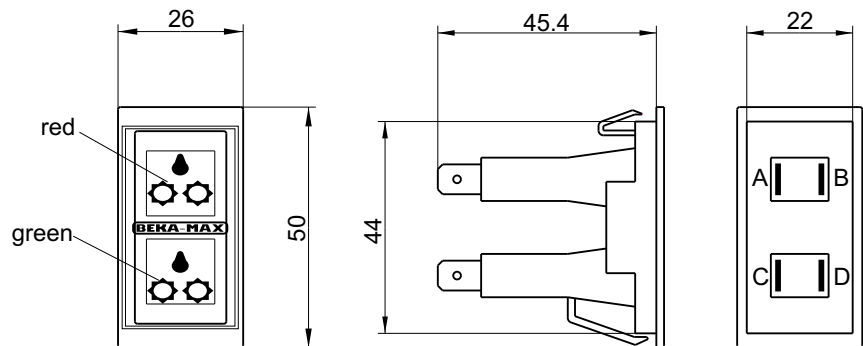
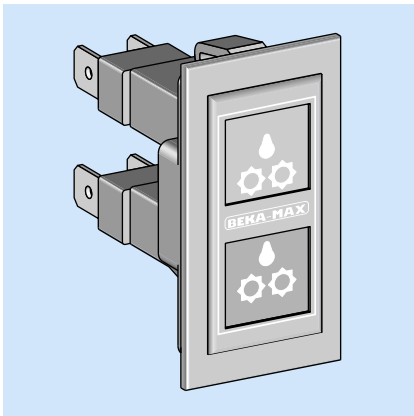
Signal Lamp



| Part-No. | Voltage | Color | Material |
|-------------|---------|-------|----------|
| 100 091 300 | 12V | green | Plastic |
| 100 091 310 | 24V | green | Plastic |
| 100 091 305 | 12V | red | Plastic |
| 100 091 320 | 24V | red | Plastic |

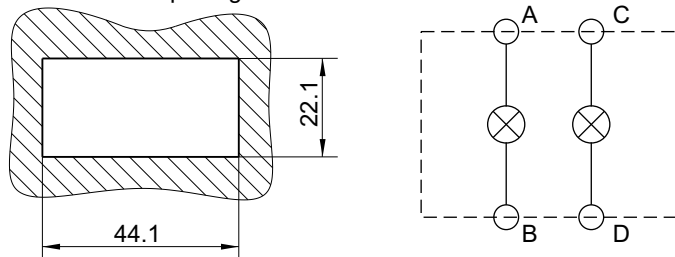


Signal Lamp



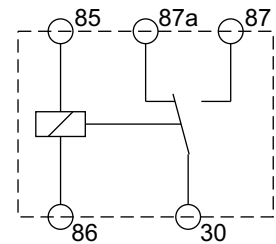
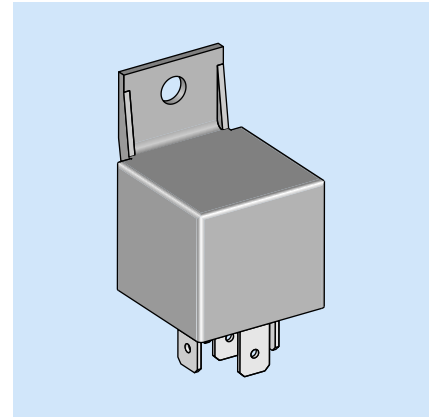
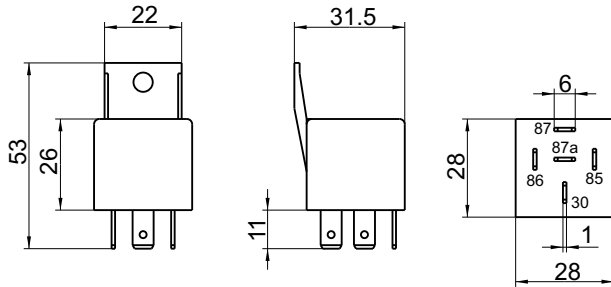
| Part-No. | Voltage | Material |
|--------------|---------|----------|
| 1000 950 021 | 12V | Plastic |
| 1000 950 022 | 24V | Plastic |

Installations Opening:



Small Relay

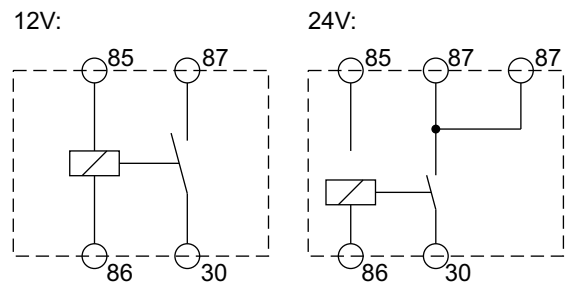
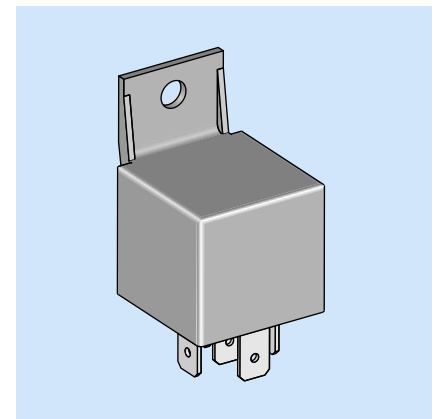
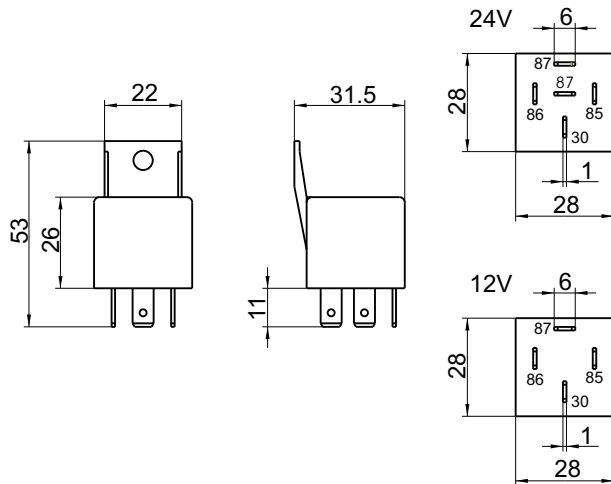
1 changeover switch



| Part-No. | Voltage | Amperage |
|----------------|---------|----------|
| 05 000 400 013 | 12V | 20A |
| 05 000 400 014 | 24V | 20A |

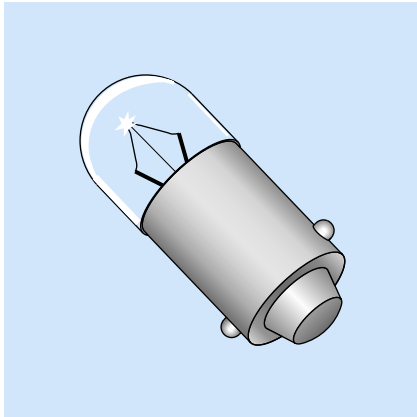
Small Relay

1 Closer

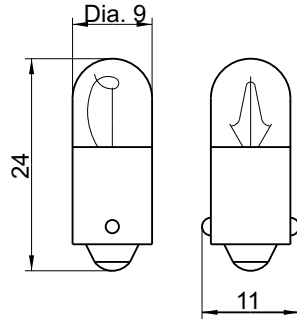


| Part-No. | Voltage | Amperage |
|-------------|---------|----------|
| 100 091 397 | 12V | 30A |
| 100 091 430 | 24V | 20A |

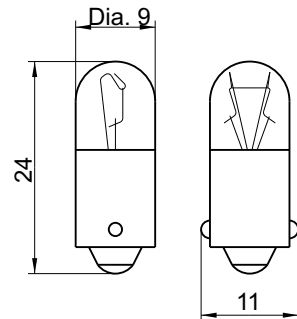
Incandescent Lamps



Incandescent Lamp 12 V

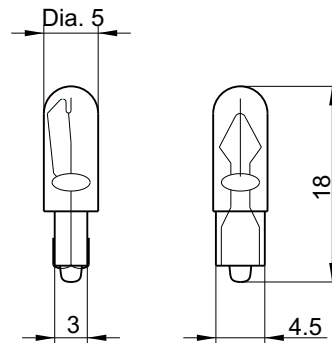
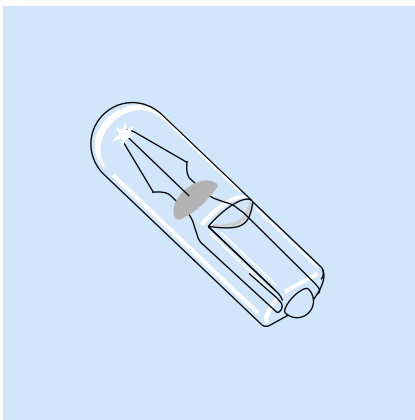


Incandescent Lamp 24 V



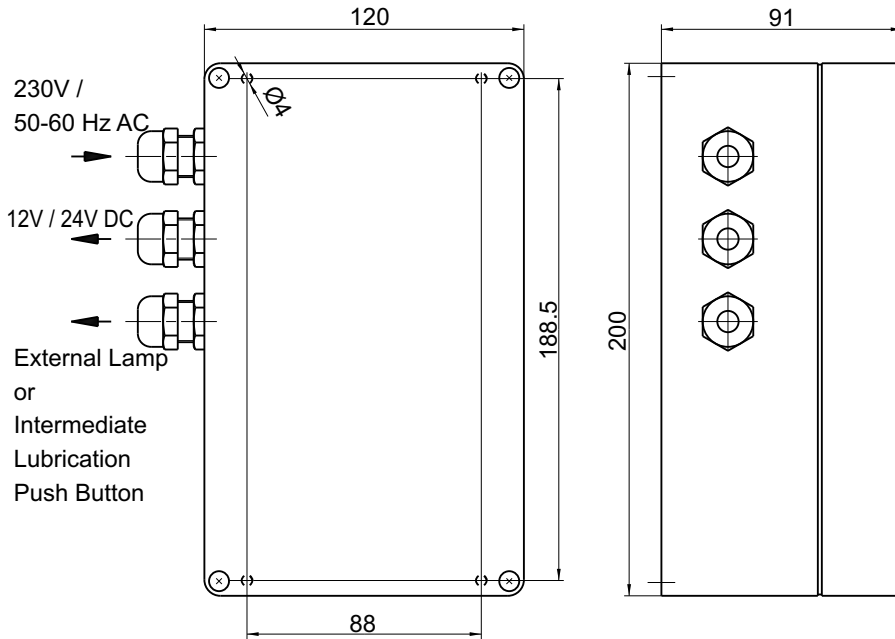
| Part-No. | Voltage | Fitting for | |
|-------------|---------|-------------------|-----------|
| | | Known as | Part-No. |
| 100 091 551 | 12V | Light Push Button | 100091051 |
| 100 091 550 | 24V | Light Push Button | 100091050 |

Incandescent Lamps

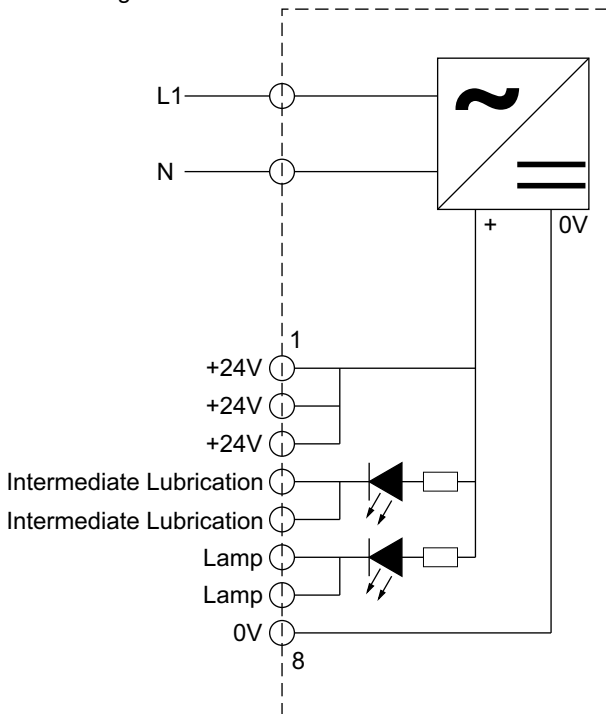


| Part-Nr. | Voltage | Fitting for | |
|-------------|---------|---------------------|------------|
| | | Known as: | Part-No. |
| 100 091 561 | 12V | Intermediate Button | 1000950023 |
| | 12V | Intermediate Button | 1000950019 |
| | 12V | Signal Light | 100091300 |
| | 12V | Signal Light | 100091305 |
| | 12V | Signal Light | 1000950021 |
| 100 091 560 | 24V | Intermediate Button | 1000950020 |
| | 24V | Intermediate Button | 100091050 |
| | 24V | Signal Light | 100091310 |
| | 24V | Signal Light | 100091320 |
| | 24V | Signal Light | 1000950022 |

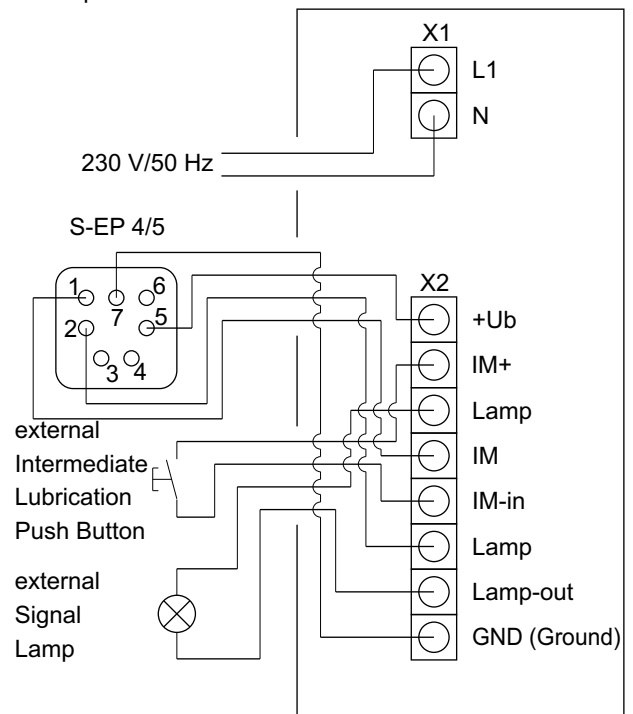
Power Supply NGR-1



Circuit Diagram:



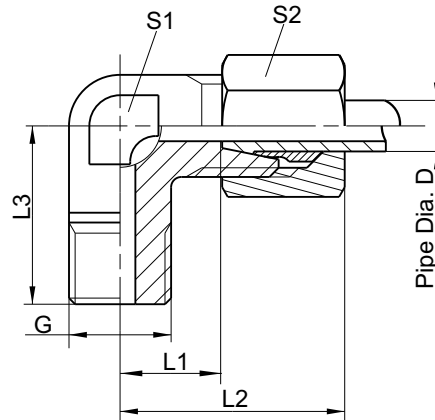
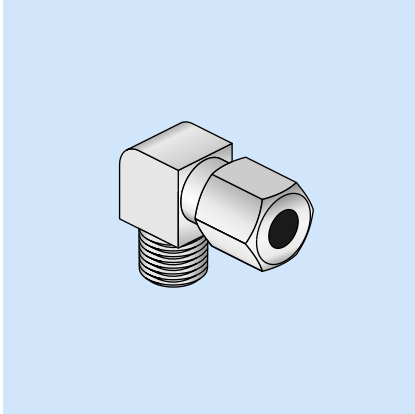
Example for connection:



Subject to alterations! © BEKA 2010 All rights reserved!

| Part-No. | Voltage | Amperage | Possibility for Connect a Signal Lamp or a Intermediate Lubrication Push Button |
|-----------|---------|----------|---|
| 4170 2100 | 12V | 4 A | with |
| 4170 2000 | 12V | 4 A | without |
| 4170 1100 | 24V | 2.2 A | with |
| 4170 1000 | 24V | 2.2 A | without |

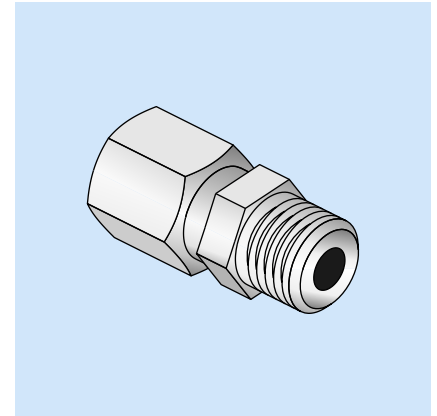
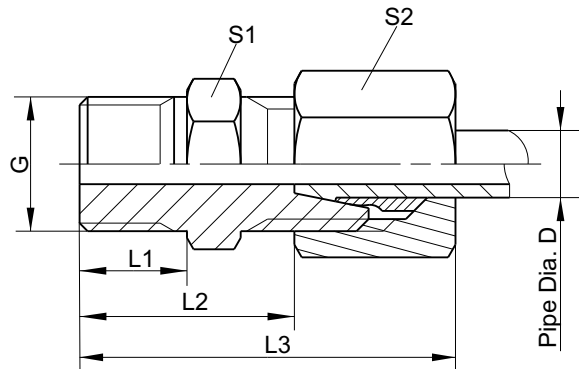
Angular Couplings



| Part-No. | G | Construction Sort | Pipe Dia. D | L1 | approx. L2 | L3 | S1 | S2 | Material |
|-----------------|---------|-------------------|-------------|------|------------|----|----|----|----------|
| 0401 2210 406 | M6k | LL | 4 | 11 | 21 | 17 | 9 | 10 | Steel |
| 0401 2210 506 | M8x1k | LL | 4 | 11 | 21 | 17 | 9 | 10 | Steel |
| 0401 2210 513 | M8x1k | LL | 4 | 11 | 21 | 17 | 9 | 10 | 1.4751 |
| 0401 2210 306 | M10x1k | LL | 4 | 11 | 21 | 17 | 11 | 10 | Steel |
| 0401 2210 606 | R1/8" k | LL | 4 | 11 | 21 | 18 | 11 | 10 | Steel |
| 0401 2210 613 | R1/8" k | LL | 4 | 11 | 21 | 18 | 11 | 10 | 1.4751 |
| 0401 2200 406 | M6k | LL | 6 | 9.5 | 21 | 17 | 11 | 12 | Steel |
| 0401 2200 413 | M6k | LL | 6 | 9.5 | 21 | 17 | 11 | 12 | 1.4305 |
| 0401 2200 506 | M8x1k | LL | 6 | 9.5 | 21 | 17 | 11 | 12 | Steel |
| 0401 2200 513 | M8x1k | LL | 6 | 9.5 | 21 | 17 | 11 | 12 | 1.4305 |
| 0401 2200 306 | M10x1k | LL | 6 | 9.5 | 21 | 17 | 11 | 12 | Steel |
| 0401 2200 313LL | M10x1k | LL | 6 | 9.5 | 21 | 17 | 11 | 12 | 1.4305 |
| 0401 2200 306L | M10x1k | L | 6 | 12 | 27 | 20 | 12 | 14 | Steel |
| 0401 2200 606 | R1/8" k | LL | 6 | 10 | 22 | 17 | 11 | 12 | Steel |
| 0401 2200 613LL | R1/8" k | LL | 6 | 10 | 22 | 17 | 11 | 12 | 1.4305 |
| 0401 2200 806 | R1/4" k | S | 6 | 16 | 31 | 27 | 14 | 17 | Steel |
| 0401 2200 813 | R1/4" k | S | 6 | 16 | 31 | 27 | 14 | 17 | 1.4305 |
| 0401 2220 606 | R1/8" k | LL | 8 | 11.5 | 23 | 20 | 12 | 14 | Steel |
| 0401 2220 306 | M10x1k | LL | 8 | 11.5 | 23 | 20 | 12 | 14 | Steel |
| 0401 2220 313 | M10x1k | LL | 8 | 11.5 | 23 | 20 | 12 | 14 | 1.4305 |
| 0401 2220 613 | R1/8" k | LL | 8 | 11.5 | 23 | 20 | 12 | 14 | 1.4305 |
| 0401 2220 806 | R1/4" k | L | 8 | 14 | 29 | 27 | 14 | 17 | Steel |
| 0401 2220 813 | R1/4" k | L | 8 | 14 | 29 | 27 | 14 | 17 | 1.4305 |

All Parts made of steel are zinc coated and yellow chromated.

Straight Coupling with Conical Thread

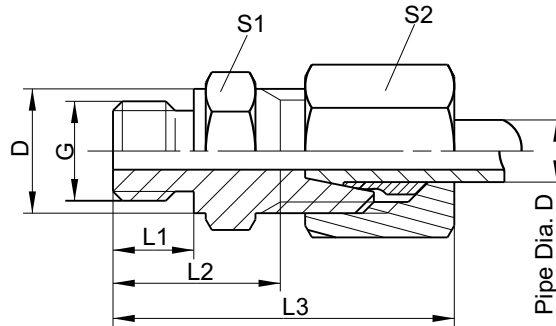
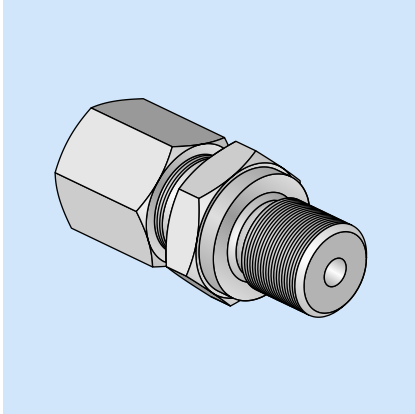


| Part-No. | G | Construction Sort | Pipe Dia. D | L1 | L2 | approx. L3 | S1 | S2 | Material |
|---------------|---------|-------------------|-------------|------|------|---------------|----|----|----------|
| 0401 2010 406 | M6k | LL | 4 | 8 | 16 | 26 | 10 | 10 | Steel |
| 0401 2010 506 | M8x1k | LL | 4 | 8 | 16 | 26 | 10 | 10 | Steel |
| 0401 2010 513 | M8x1k | LL | 4 | 8 | 16 | 26 | 10 | 10 | 1.4571 |
| 0401 2010 306 | M10x1k | LL | 4 | 8 | 14.5 | 26 | 11 | 12 | Steel |
| 0401 2010 606 | R1/8" k | LL | 4 | 8 | 16 | 26 | 11 | 10 | Steel |
| 0401 2000 406 | M6k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | Steel |
| 0401 2000 413 | M6k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | 1.4571 |
| 0401 2003 906 | M7x1k | LL | 6 | 8 | 14.5 | 26 | 12 | 12 | Steel |
| 0401 2000 506 | M8x1k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | Steel |
| 0401 2000 513 | M8x1k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | 1.4571 |
| 0401 2000 306 | M10x1k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | Steel |
| 0401 2000 313 | M10x1k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | 1.4305 |
| 0401 2000 606 | R1/8" k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | Steel |
| 0401 2000 613 | R1/8" k | LL | 6 | 8 | 14.5 | 26 | 11 | 12 | 1.4305 |
| 0401 2000 806 | R1/4" k | S | 6 | 11.5 | 23.5 | 40 | 17 | 17 | Steel |
| 0401 2020 306 | M10x1k | LL | 8 | 8 | 16.5 | 28 | 12 | 14 | Steel |
| 0401 2020 313 | M10x1k | LL | 8 | 8 | 16.5 | 28 | 12 | 14 | 1.4305 |
| 0401 2020 806 | R1/4" k | L | 8 | 12 | 20 | 35 | 17 | 17 | Steel |

All Parts made of steel are zinc coated and yellow chromated.



Straight Couplings with Straight Thread



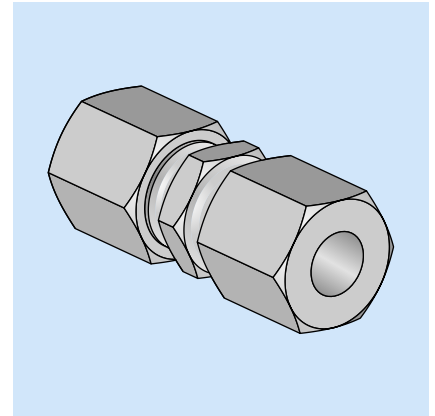
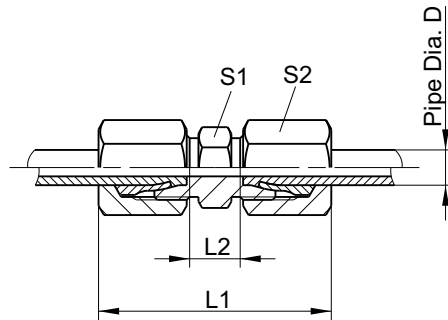
| Part-No. | G | Construction Sort | Pipe Dia. D | L1 | L2 | approx. L3 | S1 | S2 | D | Material |
|-----------------|-------|-------------------|-------------|----|------|---------------|----|----|----|----------|
| 0401 2010 913 | G1/8" | LL | 4 | 8 | 16 | 28 | 14 | 12 | 14 | 1.4571 |
| 0401 2000 206 | M10x1 | L | 6 | 8 | 16.5 | 31 | 14 | 14 | 14 | Steel |
| 0401 2000 213 | M10x1 | L | 6 | 8 | 16.5 | 31 | 14 | 14 | 14 | 1.4571 |
| 0401 2000 906 | G1/8" | LL | 6 | 8 | 16 | 28 | 14 | 12 | 14 | Steel |
| 0401 2000 913LL | G1/8" | LL | 6 | 8 | 16 | 28 | 14 | 12 | 14 | 1.4571 |
| 0401 2001 006L | G1/4" | L | 6 | 12 | 22 | 37 | 19 | 14 | 18 | Steel |
| 0401 2001 006 | G1/4" | S | 6 | 12 | 25 | 40 | 19 | 17 | 18 | Steel |
| 0401 2001 013 | G1/4" | S | 6 | 12 | 25 | 40 | 19 | 17 | 18 | 1.4571 |
| 0401 2001 406 | G3/8" | L | 6 | 12 | 23.5 | 38 | 22 | 14 | 22 | Steel |
| 0401 2020 213 | M10x1 | L | 8 | 12 | 22 | 37 | 17 | 17 | 17 | 1.4571 |
| 0401 2020 906 | G1/8" | LL | 8 | 8 | 18 | 29 | 14 | 14 | 14 | Steel |
| 0401 2020 913 | G1/8" | LL | 8 | 8 | 18 | 29 | 14 | 14 | 14 | 1.4571 |
| 0401 2021 006 | G1/4" | L | 8 | 12 | 22 | 37 | 19 | 17 | 18 | Steel |
| 0401 2021 013 | G1/4" | L | 8 | 12 | 22 | 37 | 19 | 17 | 18 | 1.4571 |
| 0401 2021 006S | G1/4" | S | 8 | 12 | 27 | 42 | 19 | 19 | 18 | Steel |
| 0401 2021 406 | G3/8" | L | 8 | 12 | 23.5 | 38 | 22 | 17 | 22 | Steel |
| 0401 2021 413 | G3/8" | L | 8 | 12 | 23.5 | 38 | 22 | 17 | 22 | 1.4571 |

All Parts made of steel are zinc coated and yellow chromated.



Straight Couplings

(Pipe Connectors)

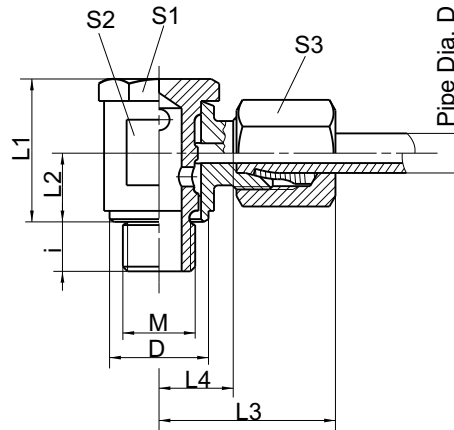
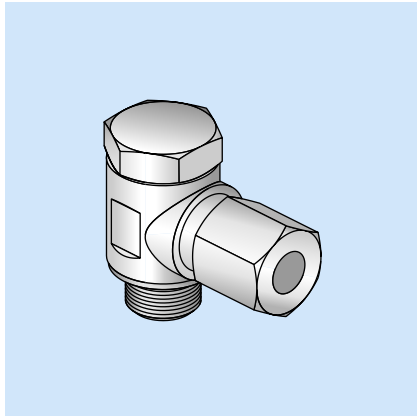


| Part-No. | Pipe Dia. D | Construction Sort | approx. | | | | Material |
|---------------|-------------|-------------------|---------|----|----|----|----------|
| | | | L1 | L2 | S1 | S2 | |
| 0401 3600 106 | 4 | LL | 31 | 12 | 9 | 10 | Steel |
| 0401 3600 306 | 6 | LL | 32 | 9 | 11 | 12 | Steel |
| 0401 3600 313 | 6 | LL | 39 | 9 | 11 | 12 | 1.4571 |
| 0401 3601 006 | 6 | L | 39 | 10 | 12 | 14 | Steel |
| 0401 3602 006 | 6 | S | 45 | 16 | 14 | 17 | Steel |
| 0401 3600 406 | 8 | LL | 35 | 12 | 12 | 14 | Steel |
| 0401 3601 106 | 8 | L | 40 | 11 | 14 | 17 | Steel |
| 0401 3602 106 | 8 | S | 47 | 18 | 17 | 19 | Steel |

All Parts made of steel are zinc coated and yellow chromated.



Banjo Assembly

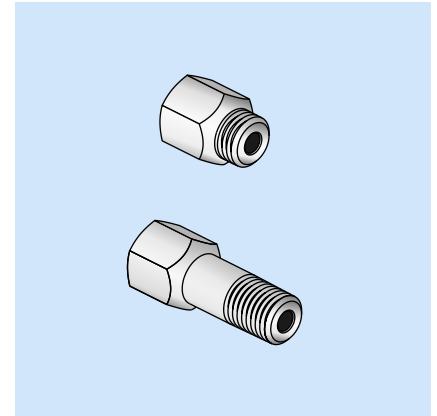
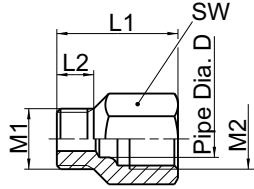


| Part-No. | M | Pipe Dia. D | Construction sort | Construction approx. | | | | | | | | | | Material |
|-----------------|-------|-------------|----------------------|-------------------------|------|----|------|---|----|----|----|------|-------|----------|
| | | | | L1 | L2 | L3 | L4 | i | S1 | S2 | S3 | D | | |
| 0401 3210 206 | M10x1 | 4 | LL | 20 | 9.5 | 22 | 10 | 6 | 14 | 14 | 12 | 13 | Steel | |
| 0401 3210 706 | M8x1 | 4 | LL | 18 | 8 | 21 | 11.5 | 6 | 14 | 14 | 10 | 13 | Steel | |
| 0401 3200 706LL | M8x1 | 6 | LL | 20 | 9.5 | 22 | 10 | 6 | 14 | 14 | 12 | 13 | Steel | |
| 0401 3200 206LL | M10x1 | 6 | LL | 20 | 9.5 | 22 | 10 | 6 | 14 | 14 | 12 | 13 | Steel | |
| 0401 3200 206 | M10x1 | 6 | L | 22 | 10 | 26 | 11.5 | 6 | 14 | 17 | 14 | 14.5 | Steel | |
| 0401 3200 906 | G1/8" | 6 | L | 22 | 10 | 26 | 11.5 | 6 | 14 | 17 | 14 | 14.5 | Steel | |
| 0401 3201 006 | G1/4" | 6 | S | 26 | 12.5 | 29 | 14.5 | 9 | 19 | 19 | 17 | 18 | Steel | |
| 0401 3220 206LL | M10x1 | 8 | LL | 21.5 | 10 | 23 | 11 | 6 | 14 | 14 | 14 | 13 | Steel | |
| 0401 3220 906 | G1/8" | 8 | LL | 21.5 | 10 | 23 | 11 | 6 | 14 | 14 | 14 | 13 | Steel | |
| 0401 3221 006 | G1/4" | 8 | L | 26 | 12.5 | 28 | 13 | 9 | 19 | 19 | 17 | 18 | Steel | |

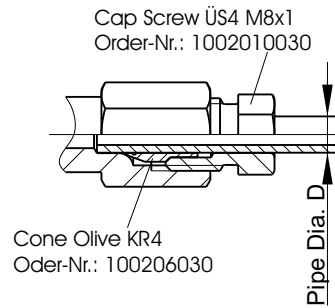
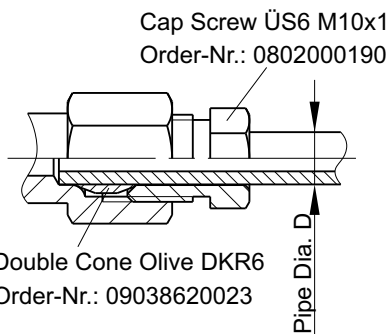
All Parts made of steel are zinc coated and yellow chromated.



Extension Piece



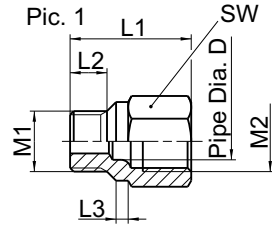
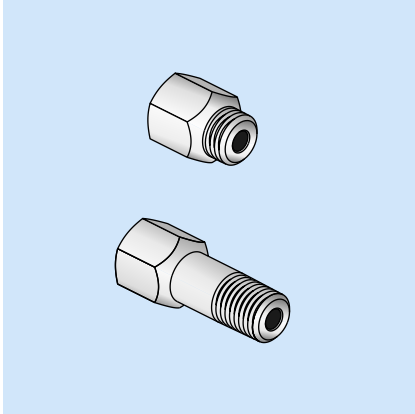
It is also possible to connect the lubrication pipes with a extension piece direct.



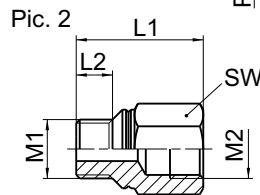
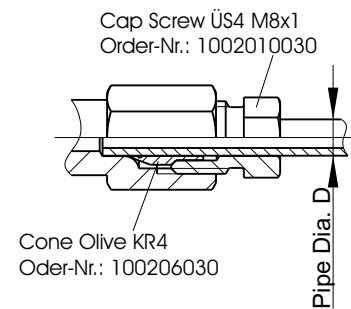
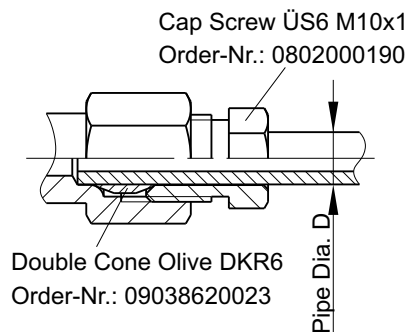
| Part-No. | M1 | M2 | L1 | L2 | L3 | SW | Pipe Dia. D | Material |
|----------------|--------|-------|------|-----|----|----|-------------|----------|
| 1002 1000 301k | M6k | M8x1 | 20 | 6 | -- | 11 | 4 | Steel |
| 0401 1600 506 | M6k | M10x1 | 24 | 6 | -- | 13 | 6 | Steel |
| 0401 1600 406 | M8k | M10x1 | 21 | 6 | -- | 13 | 6 | Steel |
| 1002 1000 304k | M8x1k | M8x1 | 17 | 7.4 | -- | 11 | 4 | Steel |
| 0401 1600 106 | M8x1k | M10x1 | 21 | 6 | -- | 13 | 6 | Steel |
| 0401 1600 906 | M10k | M10x1 | 21 | 6 | -- | 13 | 6 | Steel |
| 1002 1000 306k | M10x1k | M8x1 | 16 | 7.4 | -- | 11 | 4 | Steel |
| 0401 1610 306 | M10x1k | M10x1 | 17.5 | 6 | -- | 13 | 6 | Steel |
| 0401 1600 206 | M10x1k | M10x1 | 21 | 6 | -- | 13 | 6 | Steel |
| 0401 1600 213 | M10x1k | M10x1 | 21 | 6 | -- | 13 | 6 | 1.4305 |
| 0401 1610 006 | M10x1k | M10x1 | 26 | 6 | -- | 13 | 6 | Steel |
| 0401 1610 106 | M12x1k | M10x1 | 21 | 8.5 | -- | 13 | 6 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

Extension Piece



It is also possible to connect the lubrication pipes with a extension piece direct.



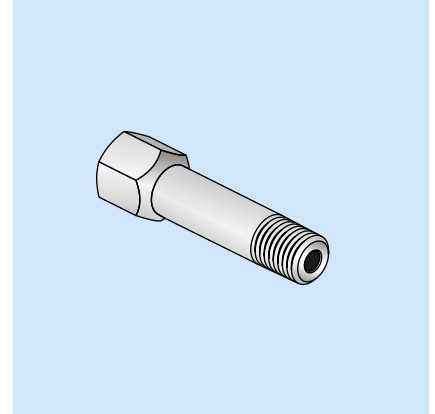
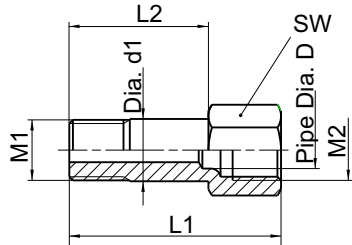
On this part it is not possible to connect a lubrication pipe directly.

| Part-No. | M1 | M2 | L1 | L2 | L3 | SW | Pipe Dia. D | Material | Pic. |
|---------------|--------------|-------|----|----|----|----|-------------|----------|------|
| 0401 1600 306 | R1/8"K | M10x1 | 21 | 6 | 2 | 13 | 6 | Steel | 1 |
| 0401 1600 313 | R1/8"K | M10x1 | 21 | 6 | 2 | 13 | 6 | 1.4305 | 1 |
| 0401 1604 106 | R1/8"K | R1/8" | 21 | 6 | 2 | 13 | -- | Steel | 2 |
| 0401 1601 406 | UNF 1/4"-28 | M10x1 | 24 | 6 | 2 | 13 | 6 | Steel | 1 |
| 0401 1601 306 | UNEF 1/4"-32 | M10x1 | 24 | 6 | 4 | 13 | 6 | Steel | 1 |

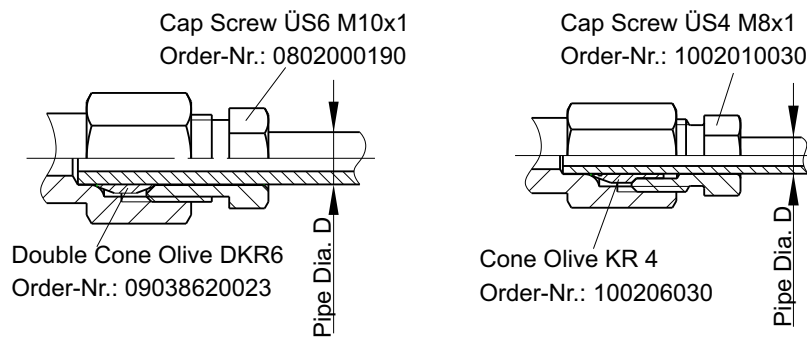
All Parts made of steel are zinc coated and yellow chromated.



Extension Piece



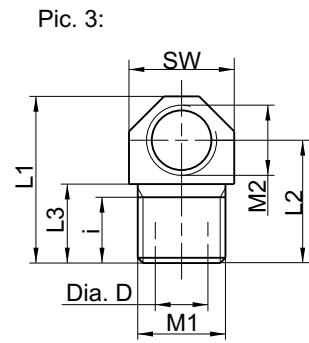
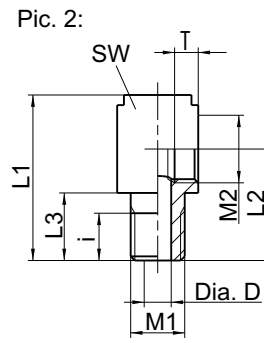
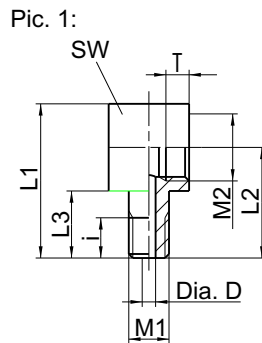
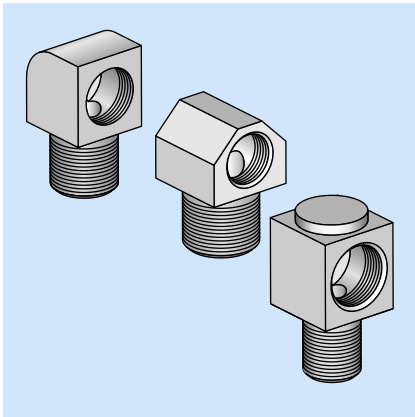
It is also possible to connect the lubrication pipes to extension piece direct.



| Part-No. | M1 | M2 | L1 | L2 | SW | Pipe Dia. D | Dia. d1 | Material |
|---------------|-------------|-------|-----|------|----|-------------|---------|----------|
| 0401 1605 806 | M6k | M8x1 | 35 | 23 | 10 | 4 | 6.3 | Steel |
| 0401 1600 806 | M8x1k | M8x1 | 35 | 23 | 10 | 4 | 8.3 | Steel |
| 0401 1603 106 | M8x1k | M8x1 | 50 | 37.5 | 10 | 4 | 8.3 | Steel |
| 0401 1600 706 | M10x1k | M10x1 | 35 | 23 | 13 | 6 | 10.3 | Steel |
| 0401 1610 813 | M10x1k | M10x1 | 35 | 23 | 13 | 6 | 10.3 | 1.4305 |
| 0401 1600 606 | M10x1k | M10x1 | 50 | 38 | 13 | 6 | 10.3 | Steel |
| 0401 1610 406 | M10x1k kurz | M10x1 | 100 | 88 | 13 | 6 | 10.3 | Steel |
| 0401 1611 506 | R1/8" k | M10x1 | 50 | 38 | 13 | 6 | 9.9 | Steel |
| 0401 1601 206 | R1/4" k | M10x1 | 26 | 14 | 14 | 6 | 13.2 | Steel |
| 0401 1601 213 | R1/4" k | M10x1 | 26 | 14 | 14 | 6 | 13.2 | 1.4305 |
| 0401 1601 006 | R1/4" k | M10x1 | 35 | 23 | 14 | 6 | 13.2 | Steel |
| 0401 1601 013 | R1/4" k | M10x1 | 35 | 23 | 14 | 6 | 13.2 | 1.4305 |
| 0401 1601 106 | R1/4" k | M10x1 | 55 | 43 | 14 | 6 | 13.2 | Steel |
| 0401 1601 113 | R1/4" k | M10x1 | 55 | 43 | 14 | 6 | 13.2 | 1.4305 |

All Parts made of steel are zinc coated and yellow chromated.

Elbow Connector 90°

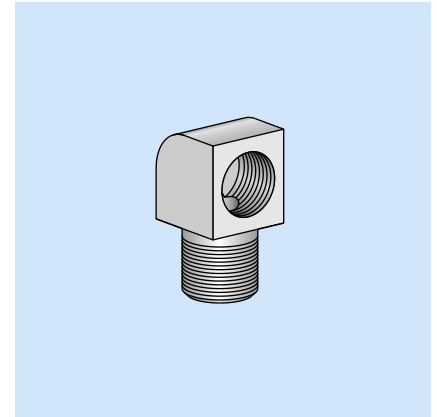
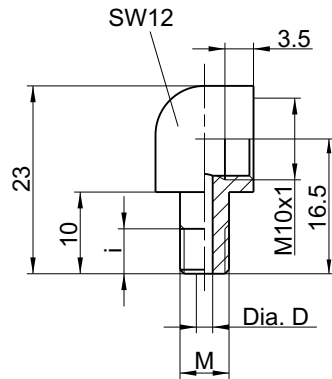


| Part-No. | M1 | i | M2 | T | Dia. D | L1 | L2 | L3 | SW | Material | Pic. |
|-------------|------------|-----|-------|-----|--------|------|------|----|----|----------|------|
| 1002 10 010 | M6k | 6 | M10x1 | 3.5 | 2 | 23 | 16.5 | 10 | 12 | Steel | 1 |
| 1002 10 020 | M8x1k | 7 | M10x1 | 3.5 | 4 | 23 | 16.5 | 10 | 12 | Steel | 1 |
| 1002 10 025 | M8x1.25k | 7 | M10x1 | 3.5 | 4 | 23 | 16.5 | 10 | 12 | Steel | 1 |
| 1002 10 106 | M8x1k 1:10 | 7 | M10x1 | 3.5 | 4 | 24.5 | 16.5 | 10 | 12 | Steel | 2 |
| 1002 10 120 | M10x1k | 7.5 | M8x1 | 4.5 | 6 | 19 | 14 | 9 | 12 | Steel | 3 |
| 1002 10 030 | M10x1k | 7 | M10x1 | 3.5 | 5 | 23 | 16.5 | 10 | 12 | Steel | 1 |
| 1002 10 041 | M10x1k | 7 | M10x1 | 3.5 | 5 | 25 | 18.5 | 10 | 12 | 1.4305 | 1 |
| 1002 10 042 | M10x1k | 7 | M10x1 | 3.5 | 5 | 65 | 58.5 | 10 | 12 | 1.4305 | 1 |
| 1002 10 043 | M10x1k | 7 | M10x1 | 3.5 | 5 | 75 | 68.5 | 10 | 12 | 1.4305 | 1 |
| 1002 10 105 | R1/8" k | 10 | M10x1 | 3.5 | 5 | 26 | 19 | 12 | 12 | Steel | 1 |
| 1002 10 035 | R1/4" k | 10 | M10x1 | 3.5 | 7 | 26 | 19 | 12 | 14 | Steel | 1 |
| 1002 10 032 | 1/4"-28UNF | 6 | M10x1 | 3.5 | 2 | 23 | 16.5 | 10 | 12 | Steel | 1 |

All Parts made of steel are zinc coated and yellow chromated.



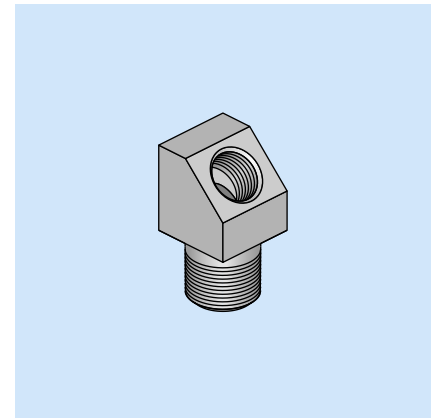
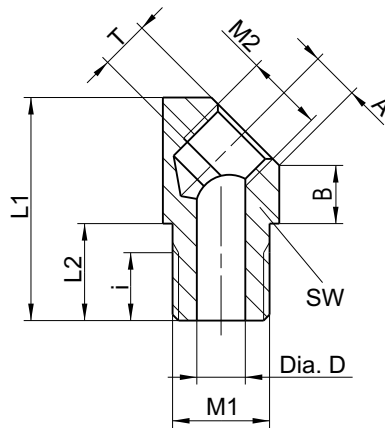
Elbow Connector 90°



| Part-No. | M | i | Dia. D | Material |
|-------------|----------|---|--------|----------|
| 1002 10 073 | M6k | 6 | 2 | Steel |
| 1002 10 072 | M8x1k | 7 | 4 | Steel |
| 1002 10 071 | M8x1.25k | 7 | 4 | Steel |
| 1002 10 070 | M10x1k | 7 | 5 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

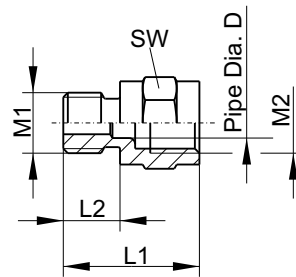
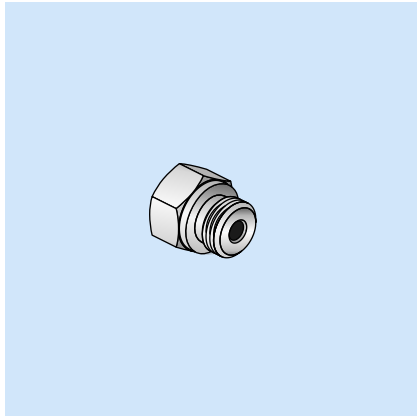
Elbow Connector 45°



| Part-No. | M1 | i | Dia. D | M2 | T | L1 | L2 | A | B | SW | Material |
|---------------|------------|------|--------|---------|---|------|------|------|---|----|----------|
| 1002 10 095 | M6k | 6 | 2 | M8x1 | 5 | 23 | 10 | 4.95 | 6 | 12 | Steel |
| 1002 10 085 | M8x1k | 7 | 4 | M8x1 | 5 | 23 | 10 | 4.95 | 6 | 12 | Steel |
| 1002 10 090 | M8x1.25k | 7 | 4 | M8x1 | 5 | 23 | 10 | 4.95 | 6 | 12 | Steel |
| 1002 10 080 | M10x1k | 7 | 5 | M8x1 | 5 | 23 | 10 | 4.95 | 6 | 12 | Steel |
| 0401950007-00 | R1/4" k | 14.5 | 7 | R1/4" k | 7 | 32.5 | 14.5 | 7.1 | 8 | 18 | Steel |
| 1002 10 098 | 1/4"-28UNF | 6 | 2 | M8x1 | 5 | 23 | 10 | 4.95 | 6 | 12 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

Connection Parts, straight

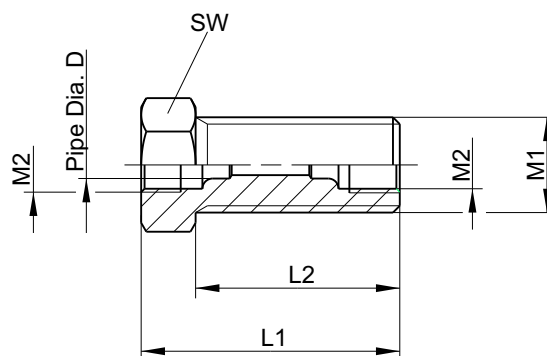
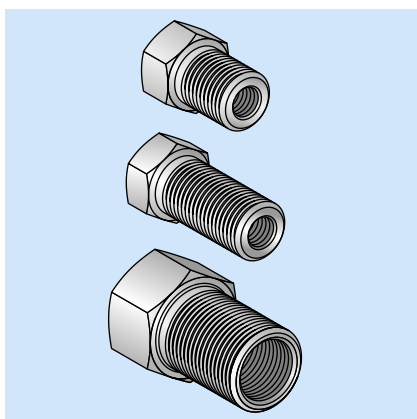


| Part-No. | M1 | M2 | L1 | L2 | SW | Pipe Dia. D | Material |
|---------------|-------|-------|------|-----|----|-------------|----------|
| 1002 1000 301 | M6 | M8x1 | 20 | 6.5 | 11 | 4 | Steel |
| 1002 1000 304 | M8x1 | M8x1 | 18 | 7.5 | 11 | 4 | Steel |
| 1002 1000 404 | M8x1 | M10x1 | 23 | 7.5 | 14 | 6 | Steel |
| 1002 1000 306 | M10x1 | M8x1 | 18 | 7.5 | 14 | 4 | Steel |
| 1002 1000 406 | M10x1 | M10x1 | 20.5 | 7.5 | 14 | 6 | Steel |
| 1002 1000 410 | G1/4" | M10x1 | 21.5 | 10 | 17 | 6 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

Straight Bulkhead Coupling

with Inside Threading

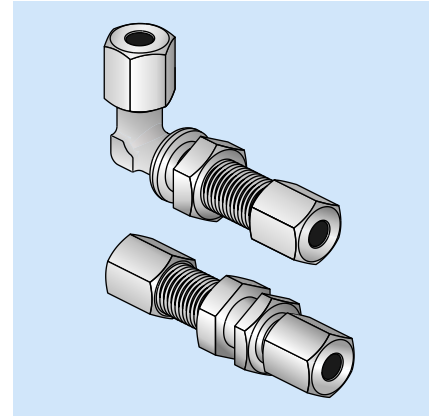
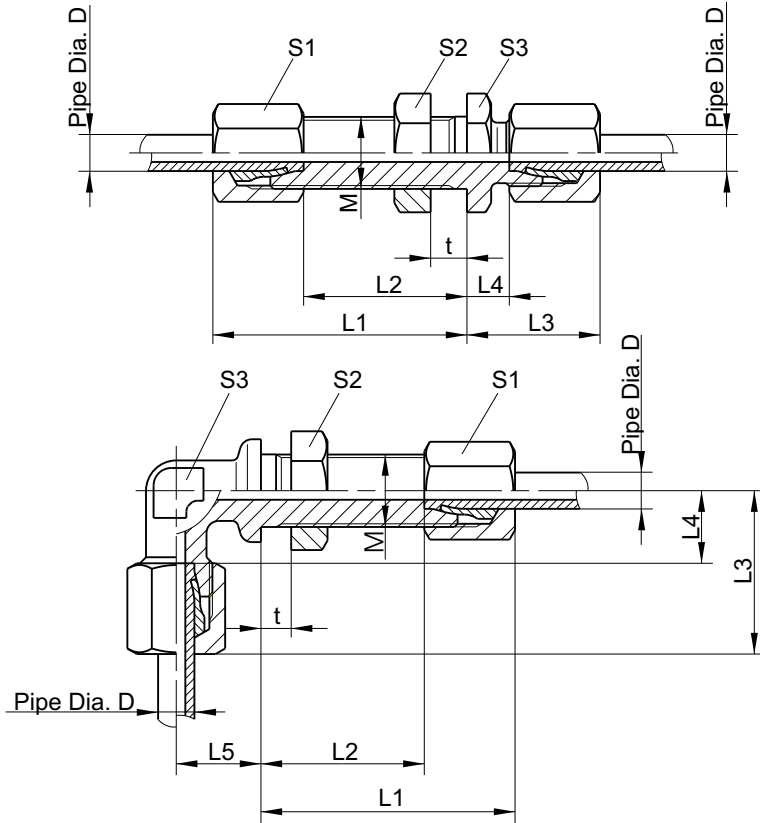


| Part-No. | M1 | M2 | L1 | L2 | SW | Pipe Dia. D | Material |
|----------------|---------|---------|----|----|----|-------------|----------|
| 1002 5000 311 | M14x1.5 | M8x1 | 27 | 19 | 17 | 4 | Steel |
| 1002 5000 311L | M14x1.5 | M8x1 | 38 | 30 | 17 | 4 | Steel |
| 1002 5000 411 | M14x1.5 | M10x1 | 30 | 20 | 17 | 6 | Steel |
| 1002 5000 715 | M20x1.5 | M16x1.5 | 42 | 27 | 24 | 10 | Steel |

All Parts made of steel are zinc coated and yellow chromated.



Bulkhead Couplings



Straight Bulkhead Couplings

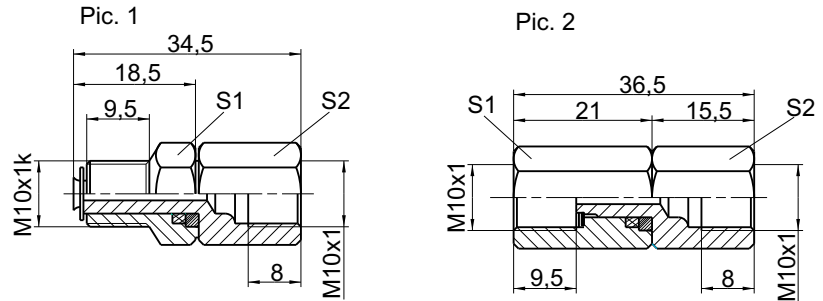
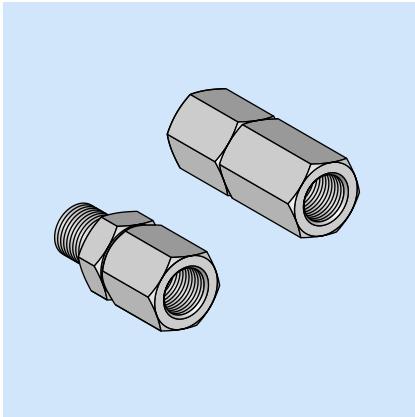
| Part-No. | Pipe Dia. D | Construction | | | approx. | | approx. | | S1 | S2 | S3 | Material |
|---------------|-------------|--------------|---------|--------|---------|----|---------|----|----|----|----|----------|
| | | sort | M | t max. | L1 | L2 | L3 | L4 | | | | |
| 0401 4701 006 | 6 | L | M12x1.5 | 16 | 42 | 27 | 22 | 7 | 14 | 17 | 17 | Steel |
| 0401 4701 013 | 6 | L | M12x1.5 | 16 | 42 | 27 | 22 | 7 | 14 | 17 | 17 | 1.4571 |
| 0401 4701 106 | 8 | L | M14x1.5 | 16 | 42 | 27 | 23 | 8 | 17 | 19 | 19 | Steel |
| 0401 4701 113 | 8 | L | M14x1.5 | 16 | 42 | 27 | 23 | 8 | 17 | 19 | 19 | 1.4571 |

Angular Bulkhead Coupling

| Part-No. | Pipe Dia. D | Construction | | | approx. | | L3 max. | L4 | L5 | S1 | S2 | S3 | Material |
|---------------|-------------|--------------|---------|--------|---------|----|---------|----|----|----|----|----|----------|
| | | sort | M | t max. | L1 | L2 | | | | | | | |
| 0401 4721 006 | 6 | L | M12x1.5 | 16 | 42 | 27 | 27 | 12 | 14 | 14 | 17 | 12 | Steel |
| 0401 4721 013 | 6 | L | M12x1.5 | 16 | 42 | 27 | 27 | 12 | 14 | 14 | 17 | 12 | 1.4571 |
| 0401 4722 006 | 6 | S | M14x1.5 | 16 | 44 | 29 | 31 | 16 | 17 | 17 | 19 | 12 | Steel |
| 0401 4721 106 | 8 | L | M14x1.5 | 16 | 42 | 27 | 29 | 14 | 17 | 17 | 19 | 12 | Steel |

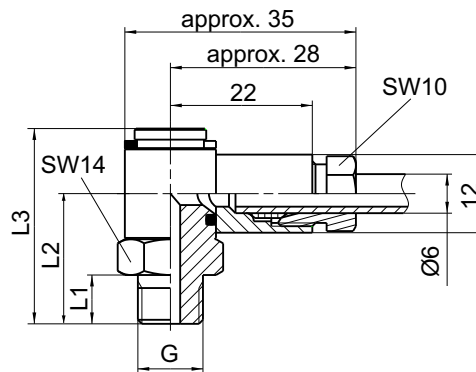
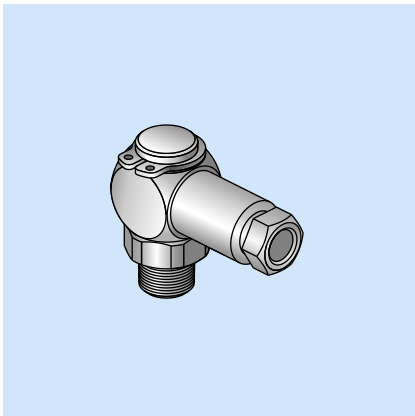
All Parts made of steel are zinc coated and yellow chromated.

Straight Rotary Couplings



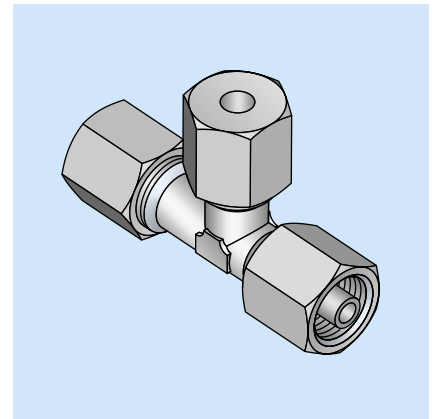
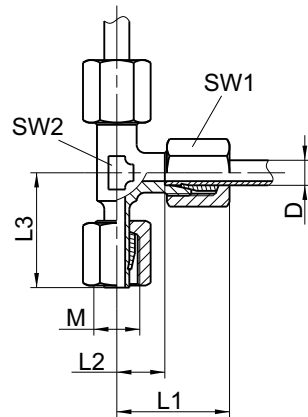
| Part-No. | Pic. | S1 | S2 | Material |
|----------|------|----|----|----------|
| 0402 020 | 1 | 14 | 14 | Brass |
| 0402 042 | 2 | 14 | 14 | Brass |

Hinges



| Part-No. | G | L1 | L2 | L3 | Material |
|----------|------------|-----|------|------|----------|
| 0402 011 | M6k | 7,5 | 20 | 30 | Brass |
| 0402 012 | M8x1k | 7,5 | 20 | 30 | Brass |
| 0402 013 | M10x1k | 7,5 | 20 | 30 | Brass |
| 0402 023 | R1/8"k | 7,5 | 20 | 30 | Brass |
| 0402 043 | R1/4"k | 9 | 21,5 | 31,5 | Brass |
| 0402 041 | 1/8-27 NPT | 7,5 | 20 | 30 | Brass |

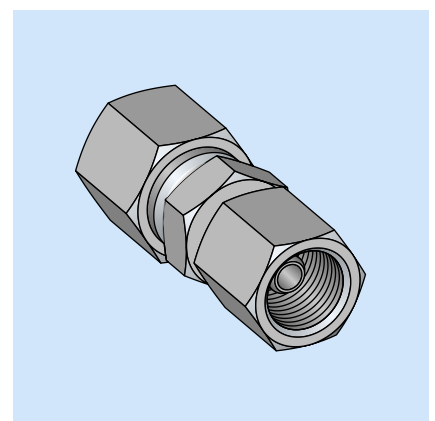
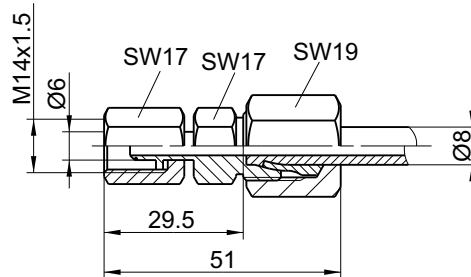
Adjustable L-Couplings



| Part-No. | Construction Sort | D | M | approx. | | | SW1 | SW2 | Material |
|-------------|-------------------|---|---------|---------|----|------|-----|-----|----------|
| | | | | L1 | L2 | L3 | | | |
| 04015821006 | L | 6 | M12x1.5 | 27 | 12 | 26 | 14 | 12 | Steel |
| 04015822006 | S | 6 | M14x1.5 | 31 | 16 | 27 | 17 | 12 | Steel |
| 04015821106 | L | 8 | M14x1.5 | 29 | 14 | 27.5 | 17 | 12 | Steel |
| 04015822106 | S | 8 | M16x1.5 | 32 | 17 | 27.5 | 19 | 14 | Steel |

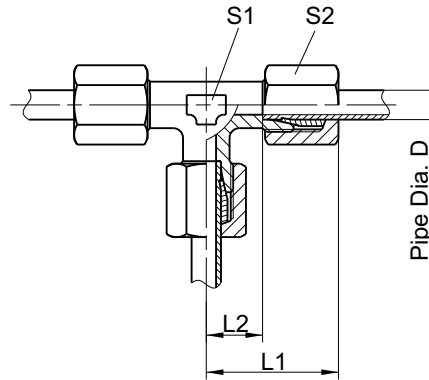
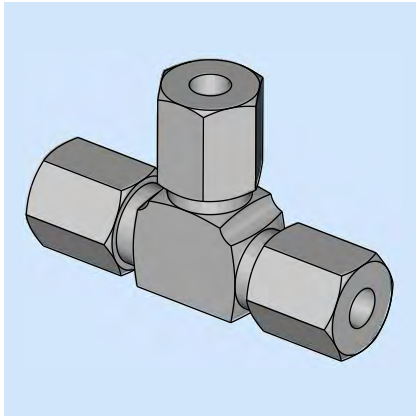
All Parts made of steel are zinc coated and yellow chromated.

Reduction Screw



| Part-No. | Construction sort | Material |
|----------|-------------------|-------------------------------------|
| 04060957 | S | Steel, zinc coated, yellow chromate |

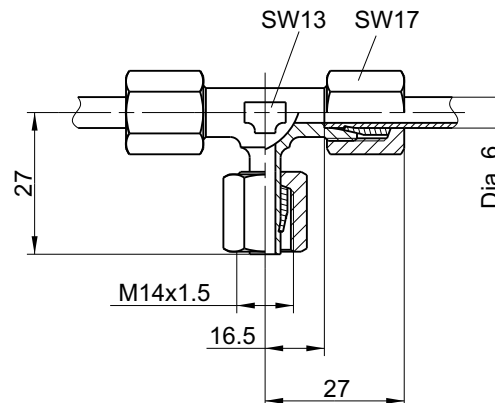
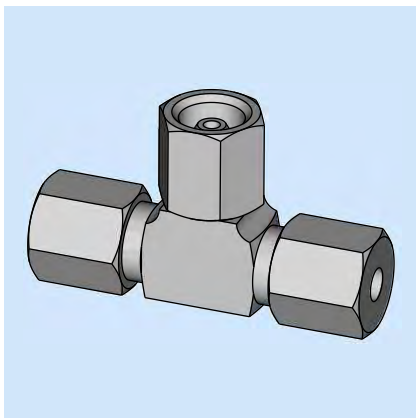
T - Couplings



| Part-No. | Pipe Dia. D | Construction sort | approx. | | | | Material |
|---------------|-------------|-------------------|---------|------|----|----|----------|
| | | | L1 | L2 | S1 | S2 | |
| 0401 3640 306 | 6 | LL | 21 | 9.5 | 11 | 12 | Steel |
| 0401 3641 006 | 6 | L | 27 | 12 | 12 | 14 | Steel |
| 0401 3642 006 | 6 | S | 31 | 16 | 14 | 17 | Steel |
| 0401 3640 406 | 8 | LL | 23 | 11.5 | 12 | 14 | Steel |
| 0401 3641 106 | 8 | L | 29 | 14 | 14 | 17 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

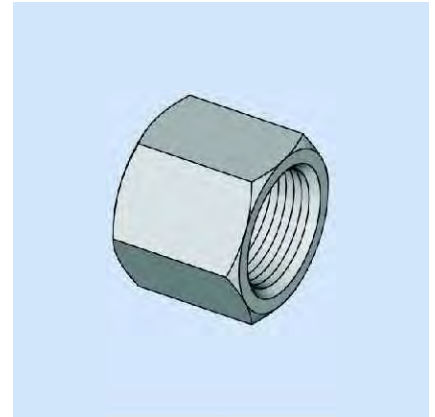
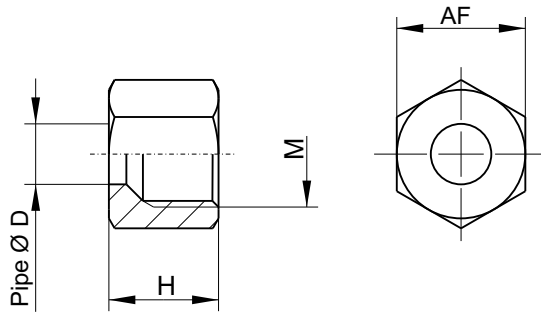
Adjustable T-Couplings



| Part-No. | Construction Sort | Material |
|-------------|-------------------|--|
| 04015722006 | S | Steel, zinc coated, yellow chromate |

Union nuts

Dimensions:

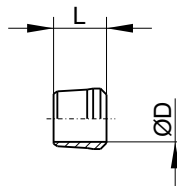


| Article-no. | Series | Pipe Ø D | M | H | AF | Material |
|---------------|--------|----------|---------|------|----|----------|
| 0403 15001 06 | LL | 4 | M8x1 | 11 | 10 | steel |
| 0403 15003 06 | LL | 6 | M10x1 | 11,5 | 12 | steel |
| 0403 15010 06 | L | 6 | M12x1,5 | 14,5 | 14 | steel |
| 0403 15010 13 | L | 6 | M12x1,5 | 14,5 | 14 | 1.4571 |
| 0403 15020 06 | S | 6 | M14x1,5 | 16,5 | 17 | steel |
| 0403 15004 06 | LL | 8 | M12x1 | 12 | 14 | steel |
| 0403 15011 06 | L | 8 | M14x1,5 | 14,5 | 17 | steel |
| 0403 15011 13 | L | 8 | M14x1,5 | 14,5 | 17 | 1.4571 |
| 0403 15021 06 | S | 8 | M16x1,5 | 16,5 | 19 | steel |

All parts made of steel are galvanized, yellow chromated.

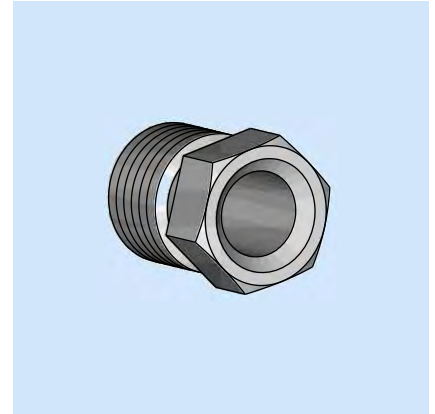
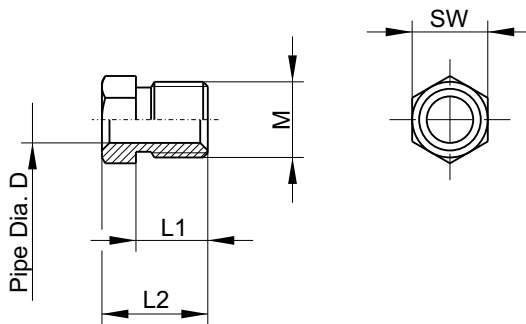
Cutting rings

Dimensions:



| Article-no. | for pipe Ø D | Series | L | Material |
|-------------------|--------------|--------|-----|------------------|
| 09038610401111 | 4 | LL | 6 | steel galvanized |
| 09038610601212 | 6 | LL | 7 | steel galvanized |
| 09 03861 06 03211 | 6 | L / S | 9,5 | steel galvanized |
| 090038610602224 | 6 | L / S | 9,5 | 1.4571 |
| 090038610801112 | 8 | LL | 7 | steel galvanized |
| 09 03861 08 03211 | 8 | L / S | 9,5 | steel galvanized |
| 09003861080224 | 8 | L / S | 9,5 | 1.4571 |

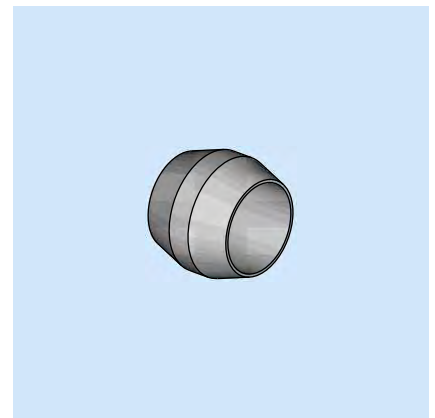
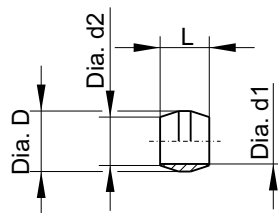
Cap Screw



| Part-No. | Pipe Dia. D | M | L1 | L2 | SW | Material |
|--------------|-------------|-------|-----|----|----|-----------------|
| 0802 000 311 | 4 | M10x1 | 8.5 | 12 | 10 | Steel |
| 0802 000 190 | 6 | M10x1 | 9.5 | 14 | 10 | Steel |
| F0060/19-08 | 6 | M10x1 | 9.5 | 14 | 10 | Stainless steel |

All Parts made of Steel are Zinc coated and yellow chromated.

Double Cone Olive

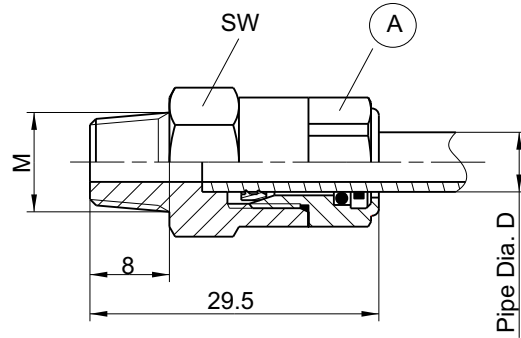
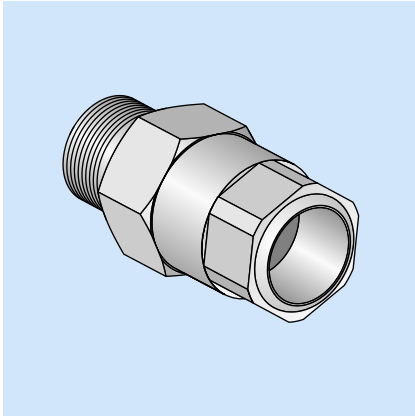


| Part-No. | for Pipe Dia. | Dia. D | L | Dia. d1 | Dia. d2 | Material |
|---------------|---------------|--------|-----|---------|---------|-----------------|
| 09 03862 0011 | 4 | 6 | 5.5 | 4 | 4,3 | Steel |
| 09 03862 0013 | 4 | 6 | 5.5 | 4 | 4.3 | Brass |
| 09 03862 0015 | 4 | 6 | 5.5 | 4 | 4.3 | Stainless steel |
| 09 03862 0021 | 6 | 8 | 6.5 | 6 | 6.4 | Steel |
| 09 03862 0023 | 6 | 8 | 6.5 | 6 | 6.4 | Brass |
| 09 03862 0026 | 6 | 8 | 6.5 | 6 | 6.4 | Stainless steel |
| 09 03862 0031 | 8 | 10 | 6.5 | 8 | 8.5 | Steel |
| 09 03862 0033 | 8 | 10 | 6.5 | 8 | 8.5 | Brass |



Straight Plug-in Couplings

Type BEKA



Plug-in connection
for Pipe Dia. 4
SW 12
Order-No.: 0406 0851



Plug-in connection
for Pipe Dia. 6
SW 12
Order-No.: 0406 0850

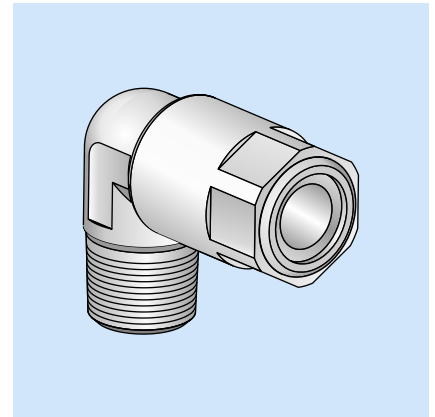
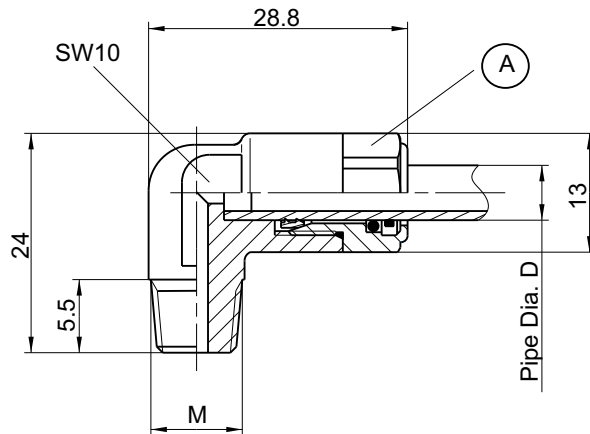
| Part-No. | M | Pipe Dia. D | SW | Material |
|-----------|--------|-------------|----|----------|
| 0406 0874 | M6k | 4 | 11 | Steel |
| 0406 0873 | M8x1k | 4 | 11 | Steel |
| 0406 0872 | M10x1k | 4 | 11 | Steel |
| 0406 0875 | R1/8"k | 4 | 11 | Steel |
| 0406 0878 | M6k | 6 | 13 | Steel |
| 0406 0877 | M8x1k | 6 | 13 | Steel |
| 0406 0876 | M10x1k | 6 | 13 | Steel |
| 0406 0879 | R1/8"k | 6 | 13 | Steel |

All Parts made of steel are zinc coated and yellow chromated.



Angular Plug-in Couplings

Type BEKA



(A)

Plug-in connection
for Pipe Dia. 4
SW 12
Order-No.: 0406 0851

(A)

Plug-in connection
for Pipe Dia. 6
SW 12
Order-No.: 0406 0850

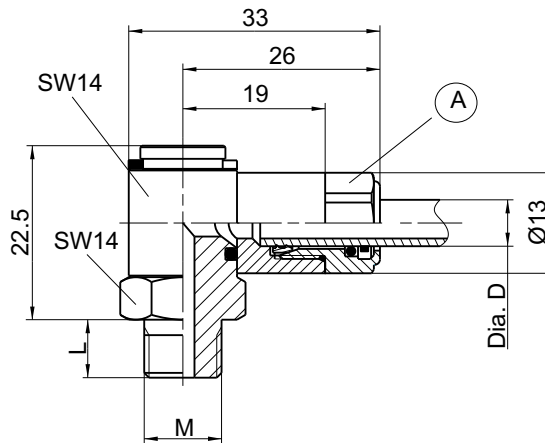
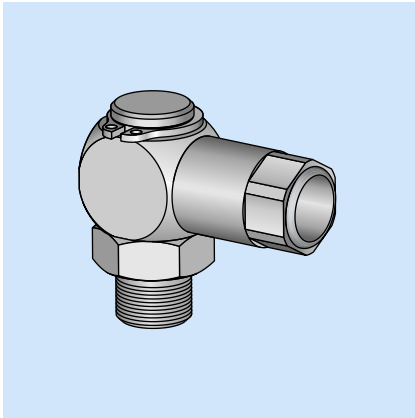
| Part-No. | M | Pipe Dia. D | Material |
|-----------|--------|-------------|----------|
| 0406 0866 | M6k | 4 | Brass |
| 0406 0865 | M8x1k | 4 | Brass |
| 0406 0864 | M10x1k | 4 | Brass |
| 0406 0867 | R1/8"k | 4 | Brass |
| 0406 0870 | M6k | 6 | Brass |
| 0406 0869 | M8x1k | 6 | Brass |
| 0406 0868 | M10x1k | 6 | Brass |
| 0406 0871 | R1/8"k | 6 | Brass |



Hinge

with plug-in connection

Type BEKA



(A)

Plug-in connection
for Pipe Dia. 4
SW 12
Order-No.: 0406 0851

(A)

Plug-in connection
for Pipe Dia. 6
SW 12
Order-No.: 0406 0850

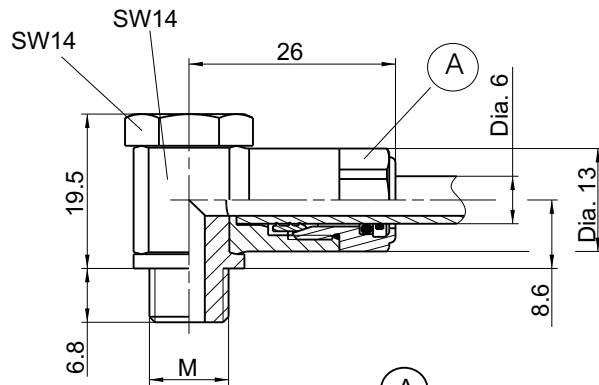
| Part-No. | M | L | Dia. D | Material |
|----------|------------|-----|--------|----------|
| 0402 050 | M6k | 7.5 | 4 | Brass |
| 0402 051 | M8x1k | 7.5 | 4 | Brass |
| 0402 052 | M10x1k | 7.5 | 4 | Brass |
| 0402 054 | R1/8"k | 7.5 | 4 | Brass |
| 0402 053 | R1/4"k | 9 | 4 | Brass |
| 0402 036 | M6k | 7.5 | 6 | Brass |
| 0402 037 | M8x1k | 7.5 | 6 | Brass |
| 0402 038 | M10x1k | 7.5 | 6 | Brass |
| 0402 040 | R1/8"k | 7.5 | 6 | Brass |
| 0402 039 | R1/4"k | 9 | 6 | Brass |
| 0402 045 | 1/8-27 NPT | 7.5 | 6 | Brass |



Banjo Assembly

with Plug-in Connection

Type BEKA



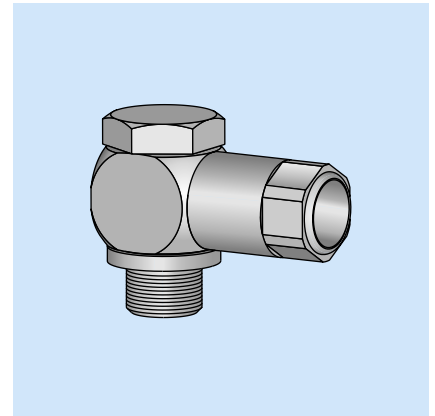
A

Plug-in Connection

for Pipe Dia. 6

SW 12

Order-No.: 0406 0850



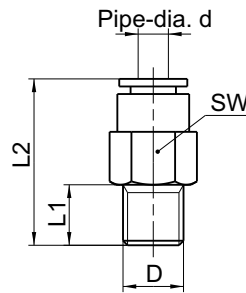
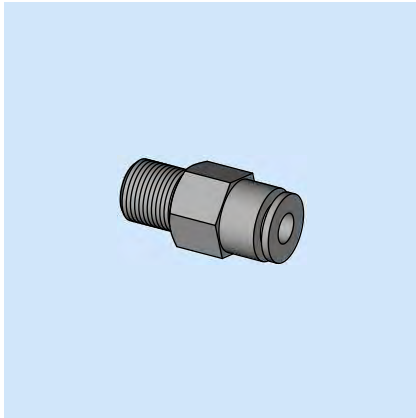
| Part-No. | M | Material |
|---------------|-------|---------------------|
| 0401950029-00 | G1/8" | Steel, zinc coated, |
| 0401950029-01 | M10x1 | yellow chromate |



Straight plug-in couplings

Type HP

soluble without tool



| Part-No. | Pipe-dia. d | D | L1 | L2 | SW |
|----------|-------------|---------|-----|----|----|
| 04062321 | 4 | M8x1k | 8 | 22 | 10 |
| 04062323 | 4 | M10x1k | 8 | 21 | 11 |
| 04062325 | 4 | M6k | 8 | 25 | 10 |
| 04062347 | 4 | R1/8" k | 7.5 | 21 | 10 |
| 04062322 | 6 | M8x1k | 8 | 28 | 12 |
| 04062324 | 6 | M10x1k | 8 | 24 | 12 |
| 04062326 | 6 | M6k | 8 | 28 | 12 |
| 04062348 | 6 | R1/8" k | 7.5 | 24 | 12 |
| 04062349 | 6 | R1/4" k | 11 | 26 | 14 |

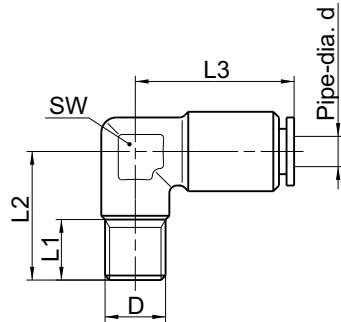
Material: Brass, nickel-plated; Pressure range: max. 150 bar; Temperature range: -20°C to +70°C



Angular plug-in coupling

Type HP

soluble without tool



| Part-No. | Pipe-dia. d | D | L1 | L2 | L3 | SW |
|----------|-------------|----------|-----|----|----|----|
| 04062327 | 4 | R1/8"k | 7.5 | 17 | 21 | 10 |
| 04062329 | 4 | M6k | 6 | 17 | 21 | 10 |
| 04062331 | 4 | M8x1k | 8 | 17 | 21 | 10 |
| 04062333 | 4 | M10x1k | 8 | 17 | 21 | 10 |
| 04062328 | 6 | R1/8"k | 7.5 | 20 | 22 | 14 |
| 04062330 | 6 | M6k | 6 | 20 | 22 | 14 |
| 04062332 | 6 | M8x1k | 8 | 20 | 22 | 14 |
| 04062362 | 6 | M8x1.25k | 8 | 20 | 22 | 14 |
| 04062334 | 6 | M10x1k | 8 | 20 | 22 | 14 |

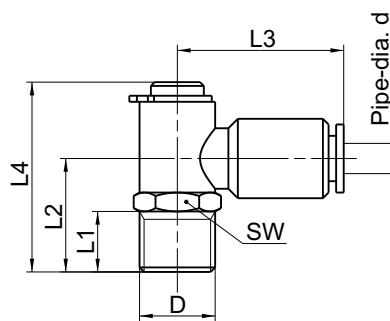
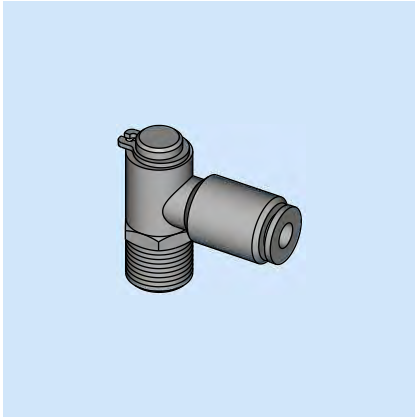
Material: Brass, nickel-plated; Pressure range: max. 150 bar;
 Temperature range: -20°C to +70°C



Hinge plug-in coupling

Type HP

soluble without tool

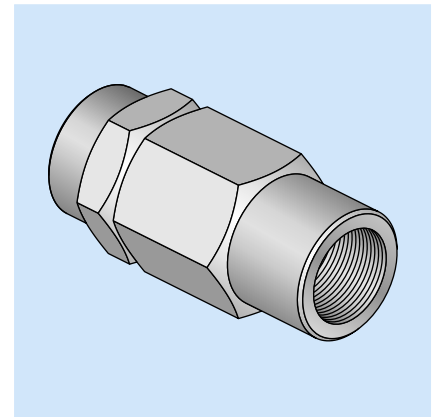
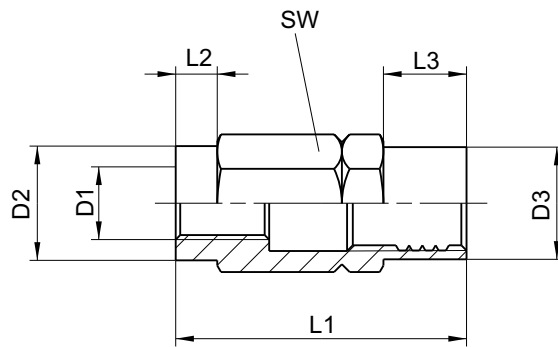


| Part-No. | Pipe-dia. d | D | L1 | L2 | L3 | L4 | SW |
|----------|-------------|----------|-----|------|----|------|----|
| 04062335 | 4 | R1/8"k | 7.5 | 14.5 | 22 | 24.5 | 11 |
| 04062338 | 4 | M6k | 8 | 15 | 22 | 24 | 11 |
| 04062340 | 4 | M8x1k | 8 | 15 | 22 | 24 | 11 |
| 04062342 | 4 | M10x1k | 8 | 15 | 22 | 25 | 11 |
| 04062336 | 6 | R1/8"k | 7.5 | 14.5 | 24 | 24.5 | 11 |
| 04062339 | 6 | M6k | 8 | 15 | 24 | 24 | 11 |
| 04062341 | 6 | M8x1k | 8 | 15 | 24 | 24 | 11 |
| 04062363 | 6 | M8x1.25k | 8 | 15 | 24 | 24 | 11 |
| 04062343 | 6 | M10x1k | 8 | 15 | 24 | 25 | 11 |
| 04062337 | 6 | R1/4"k | 11 | 20.5 | 24 | 28 | 14 |

Material: Brass, nickel-plated; Pressure range: max. 150 bar; Temperature range: -20°C to +70°C



Threaded ferrule



| Part-No. | D1 | D2 | D3 | L1 | L2 | L3 | SW | for HP-Hose | Material |
|-------------|---------|----|------|------|----|----|----|-------------|----------|
| 1001 21 200 | M7x0.75 | 11 | 10.8 | 28 | 4 | 8 | 12 | 8.6x4 | Steel |
| 1001 21 197 | M7x0.75 | 10 | 11 | 28 | 2 | 8 | 12 | 8.6x4 | 1.4305 |
| 1001 21 305 | M9x1 | 14 | 16 | 35.8 | 4 | 9 | 17 | 11.2x6,5 | Steel |
| 1001 21 347 | M9x1 | 14 | 16 | 35.8 | 4 | 9 | 17 | 11.2x6,5 | 1.4305 |

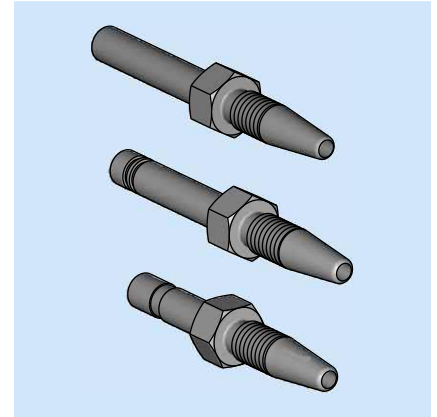
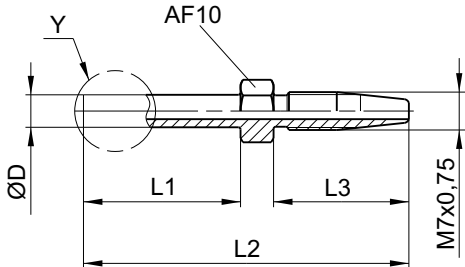
All parts made of steel are zinc coated and yellow chromated.



Straight pipe socket,

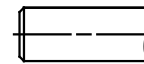
for the assembly of a high pressure hose Ø8,6x4

Dimensions:



| Article-no.: | øD | L1 | L2 | Detail | M | steel, yellow chromatinized | Stainless steel |
|--------------|----|------|------|--------|---------|-----------------------------|-----------------|
| 100121171 | 8 | 22 | 53 | Y | M7x0,75 | X | |
| 100121173 | 8 | 30 | 61 | Y | M7x0,75 | X | |
| 100121186 | 6 | 20 | 51,1 | Y | M7x0,75 | X | |
| 100121189 | 6 | 18 | 49,1 | Y | M7x0,75 | X | |
| 100121190 | 6 | 24 | 55,1 | Y | M7x0,75 | X | |
| 100121191 | 6 | 30 | 61,1 | Y2 | M7x0,75 | X | |
| 100121196 | 6 | 30 | 61,1 | Y | M7x0,75 | | 1.4305 |
| 100121198 | 6 | 30 | 61,1 | Y | M7x0,75 | | 1.4571 |
| 100121201 | 6 | 30 | 61,1 | Y | M7x0,75 | X | |
| 100121210 | 6 | 21 | 52,1 | Y3 | M7x0,75 | X | |
| 100121218 | 5 | 30 | 64 | Y | M7x0,75 | X | |
| 100121219 | 10 | 30 | 64 | Y | M7x0,75 | X | |
| 100121220 | 10 | 30 | 64 | Y | M7x0,75 | | 1.4305 |
| 100121252 | 6 | 30 | 61,1 | Y1 | M7x0,75 | X | |
| 100121253 | 6 | 30 | 61,1 | Y1 | M7x0,75 | | 1.4305 |
| 100121282 | 6 | 24 | 55,1 | Y1 | M7x0,75 | X | |
| 100121301 | 8 | 22 | 67,3 | Y | M9x1 | X | |
| 100121380 | 6 | 18 | 49,1 | Y | M7x0,75 | | 1.4305 |
| 100121382 | 6 | 18 | 49,1 | Y2 | M7x0,75 | X | |
| 100121385 | 6 | 32,7 | 45,1 | Y2 | M7x0,75 | X | |
| 100121386 | 6 | 38 | 59 | Y2 | M7x0,75 | X | |
| 100121387 | 6 | 50 | 59 | Y2 | M7x0,75 | X | |

Y



Version for cutting ring-/olive

Y1



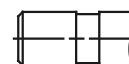
Version for BEKA-plug-type connection detachable without tools (HP-version)

Y2



Version for BEKA-plug-type connection detachable with tools

Y3

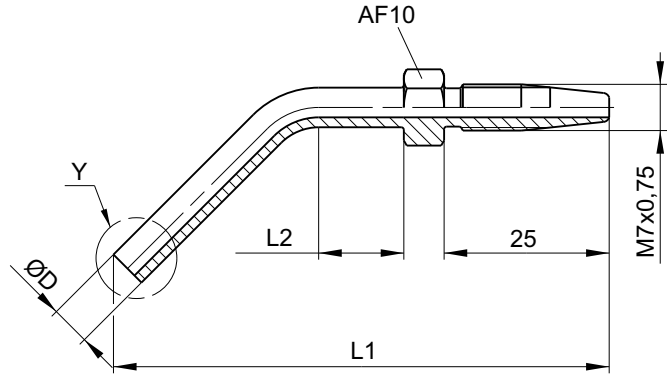
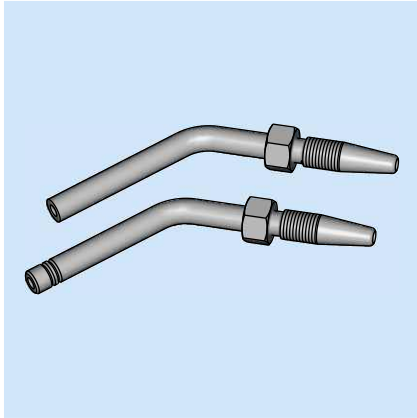


Version for plug-type connection Camozzi/Lincoln
Version detachable without tool

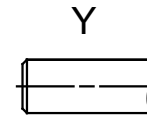


Insert for Ferrule, 45° bent

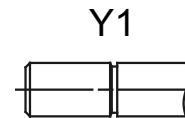
to Mounting a High Pressure Hose Dia. 8.6 x 4



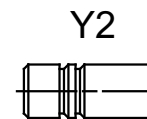
| Article number | øD | L1 | L2 | Detail | M | Steel, yellow chromated | Stainless steel |
|----------------|----|------|------|--------|---------|-------------------------|-----------------|
| 100121163 | 8 | 92 | 32 | Y | M9x1 | X | |
| 100121164 | 8 | 92 | 32 | Y | M9x1 | | 1.4305 |
| 100121175 | 8 | 68,5 | 13 | Y | M7x0,75 | X | |
| 100121177 | 8 | 76,5 | 13 | Y | M7x0,75 | X | |
| 100121187 | 6 | 79,1 | 28,4 | Y | M7x0,75 | | 1.4305 |
| 100121206 | 6 | 79,1 | 28,4 | Y | M7x0,75 | X | |
| 100121215 | 6 | 93,2 | 43,3 | Y | M7x0,75 | X | |
| 100121227 | 6 | 68,3 | 18,5 | Y | M7x0,75 | X | |
| 100121254 | 6 | 79,1 | 28,4 | Y1 | M7x0,75 | X | |
| 100121383 | 6 | 79,1 | 28,4 | Y2 | M7x0,75 | X | |



Version for cutting ring-/olive



Version for BEKA-plug-type connection detachable without tools (HP-version)

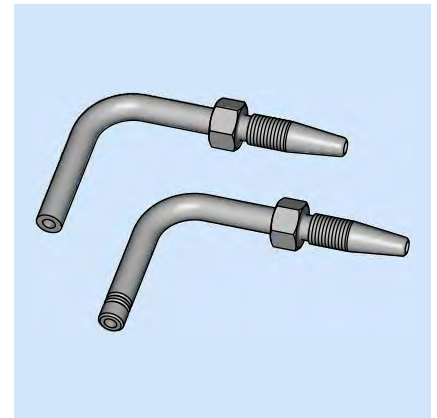
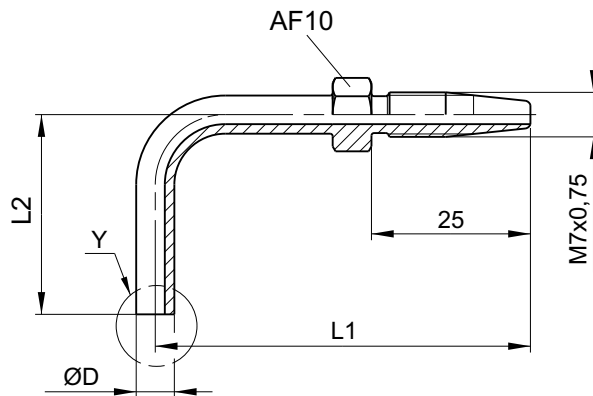


Version for BEKA-plug-type connection detachable with tools

All parts made of steel are galvanized, yellow chromated.

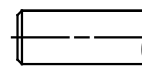
Insert for Ferrule, 90° bent

to Mounting a High Pressure Hose Dia. 8.6 x 4



| Article number | øD | L1 | L2 | Detail | M | Steel, yellow chromated | Stainless steel |
|----------------|----|------|------|--------|---------|-------------------------|-----------------|
| 100121179 | 8 | 55 | 30 | Y | M7x0,75 | X | |
| 100121181 | 8 | 55 | 50 | Y | M7x0,75 | X | |
| 100121202 | 6 | 59 | 38 | Y | M7x0,75 | X | |
| 100121203 | 6 | 59 | 50 | Y | M7x0,75 | X | |
| 100121208 | 6 | 45,1 | 20,7 | Y | M7x0,75 | X | |
| 100121209 | 6 | 45,1 | 32,7 | Y | M7x0,75 | X | |
| 100121228 | 6 | 45,1 | 32,7 | Y1 | M7x0,75 | X | |
| 100121257 | 6 | 59 | 38 | Y1 | M7x0,75 | X | |
| 100121283 | 6 | 59 | 50 | Y1 | M7x0,75 | X | |
| 100121376 | 6 | 59 | 38 | Y | M7x0,75 | | 1.4305 |
| 100121377 | 6 | 59 | 50 | Y | M7x0,75 | | 1.4305 |
| 100121378 | 6 | 45,1 | 20,7 | Y | M7x0,75 | | 1.4305 |
| 100121379 | 6 | 45,1 | 32,7 | Y | M7x0,75 | | 1.4305 |

Y



Version for cutting ring-/olive

Y1



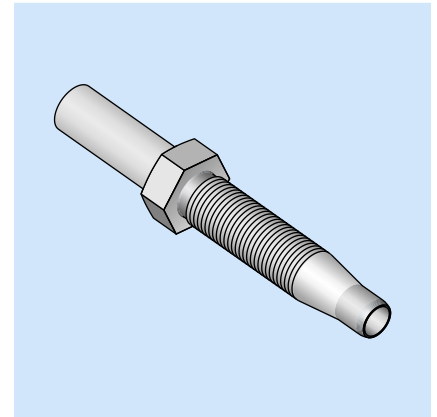
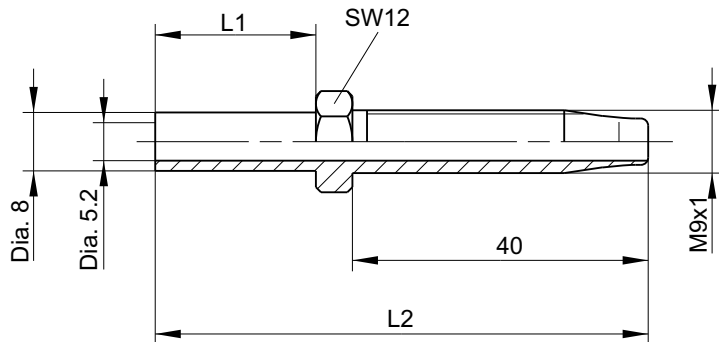
Version for BEKA-plug-type connection detachable without tools (HP-version)

All parts made of steel are galvanized, yellow chromated.



Insert for Ferrule, straight

for Couplings with Cap Screw and Cutting Olive to Mounting a High Pressure Hose Dia. 11.2 x 6.5

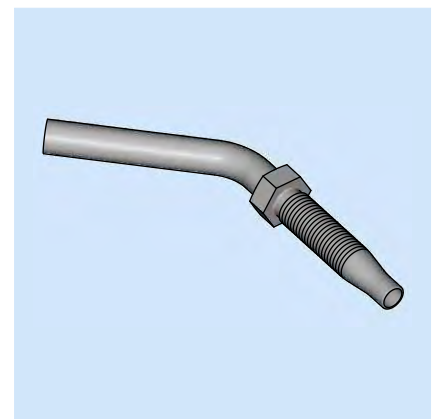
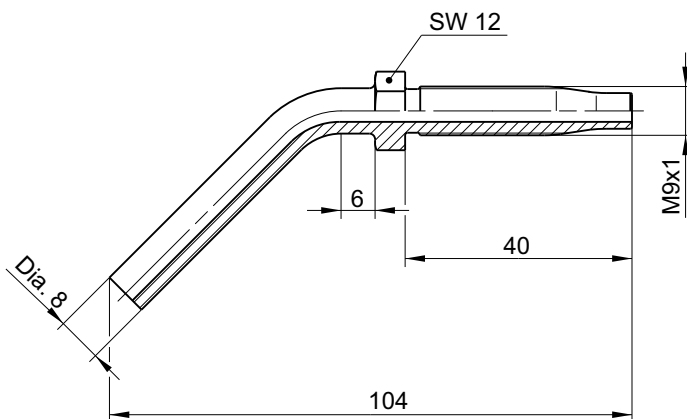


| Part-No. | L1 | L2 | Material |
|-------------|----|------|----------|
| 1001 21 301 | 22 | 67.3 | Steel |
| 1001 21 348 | 22 | 67.3 | 1.4305 |
| 1001 21 161 | 42 | 87.3 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

Insert for Ferrule, 45° bent

for Couplings with Cap Screw and Cutting Olive to Mounting a High Pressure Hose Dia. 11.2 x 6.5



| Part-No. | Material |
|-------------|----------|
| 1001 21 163 | Steel |
| 1001 21 164 | 1.4305 |

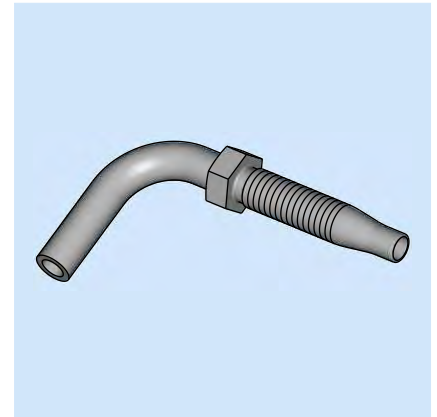
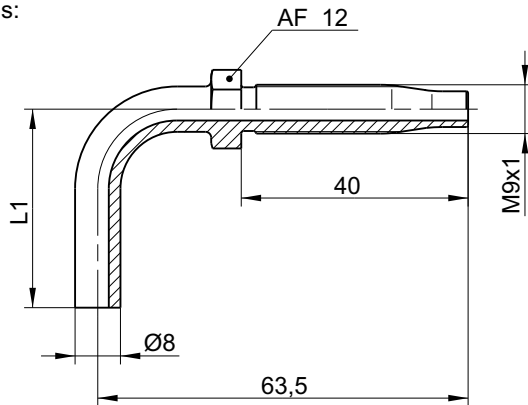
All Parts made of steel are zinc coated and yellow chromated.



Pipe socket bent by 90°

for fittings with union screws and cutting rings, for the assembly of high pressure hose Ø11,2x6,5

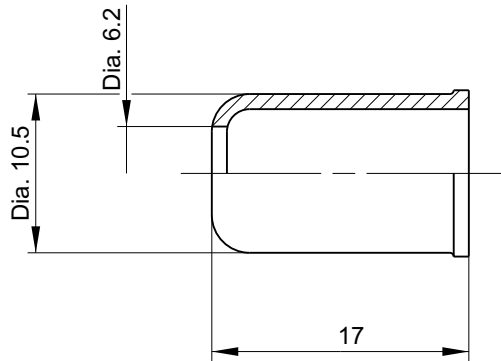
Dimensions:



| Article-no. | L1 | Material |
|-------------|----|----------|
| 1001 21 165 | 35 | steel |
| 1001 21 166 | 35 | 1.4305 |
| 1001 21 167 | 55 | steel |
| 1001 21 168 | 55 | 1.4305 |
| 1001 21 169 | 75 | steel |
| 1001 21 170 | 75 | 1.4305 |

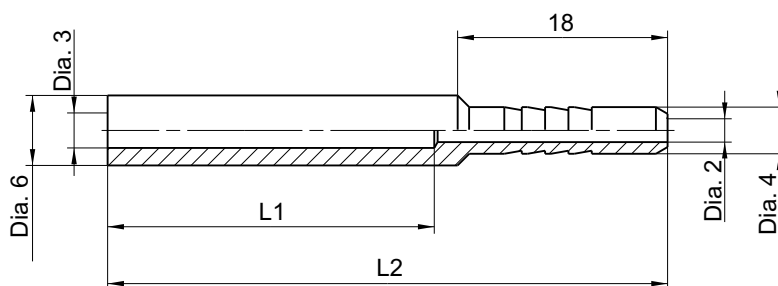
All parts made of steel are galvanized, yellow chromated.

Ferrule DN4



| Part-No. | Material |
|-----------|--|
| 100121204 | Steel zinc coated, yellow chromated |

Insert for Ferrule DN 4

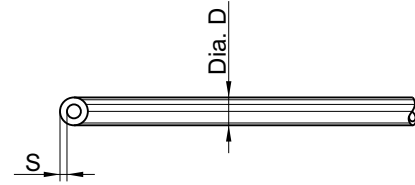
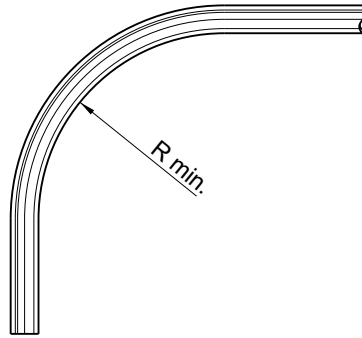
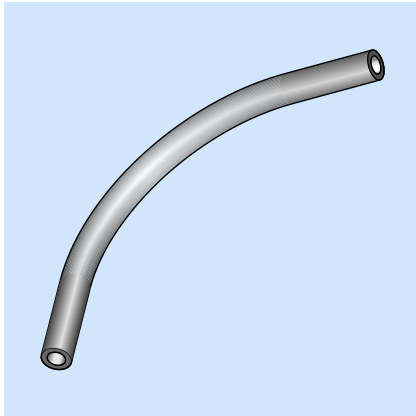


| Part-No. | L1 | L2 | Material |
|-------------|----|----|----------|
| FWZ02392-00 | 28 | 48 | Steel |
| FWZ02392-01 | 13 | 33 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

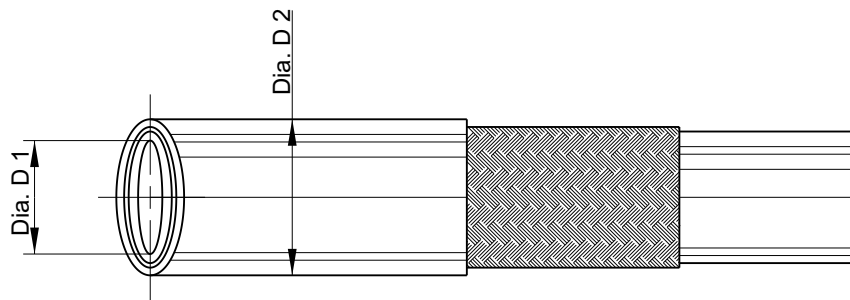
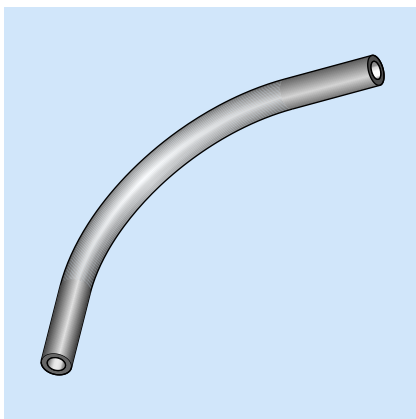


Polyamide tube



| Part-No. | Dia. D | S | min. bending radius R | Type | Viscous oil filled | Material |
|-------------|--------|------|-----------------------|------|--------------------|-----------|
| 1001 20 075 | 4 | 0.85 | 40 | hard | with | Polyamide |
| 1001 20 040 | 4 | 0.85 | 40 | soft | with | Polyamide |
| 1001 20 039 | 4 | 0.85 | 40 | hard | without | Polyamide |
| 1001 20 041 | 4 | 0.85 | 40 | soft | without | Polyamide |
| 1001 20 100 | 6 | 1.5 | 40 | hard | with | Polyamide |
| 1001 20 101 | 6 | 1.5 | 40 | hard | without | Polyamide |

High Pressure Hose

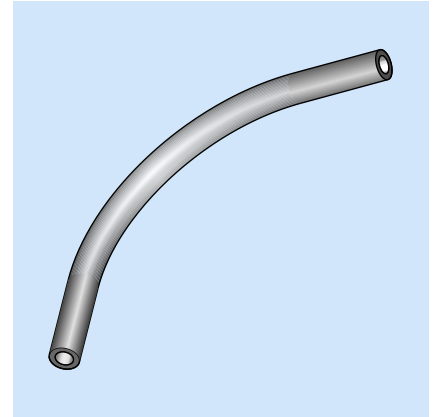
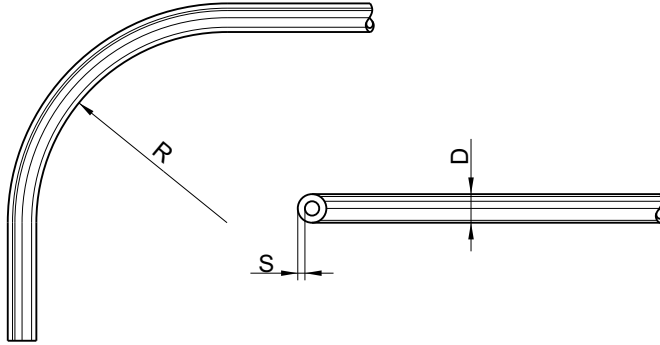


| Part-No. | Dia. D 1 | Dia. D 2 | Type | Grease filled | Material |
|-------------|----------|----------|----------|---------------|-------------------------|
| 1001 20 200 | 4 | 8.6 | straight | with | Plastic / Synthetic Net |
| 1001 20 205 | 4 | 8.6 | spiral | with | Plastic / Synthetic Net |
| 1001 20 201 | 4 | 8.6 | straight | without | Plastic / Synthetic Net |
| 1001 20 206 | 4 | 8.6 | spiral | without | Plastic / Synthetic Net |
| 1001 20 265 | 6.5 | 11.2 | straight | with | Plastic / Synthetic Net |
| 1001 20 266 | 6.5 | 11.2 | straight | without | Plastic / Synthetic Net |

Subject to alterations! © BEKA 2010 All rights reserved!

Steel Pipe

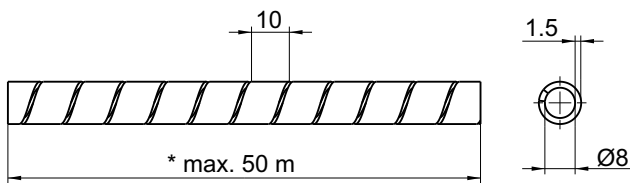
DIN 2391, St35



| Part-No. | D | S | min. bending radius R | Material |
|--------------|---|-----|-----------------------|-------------------|
| 0612 020 002 | 4 | 0.7 | 5 | Steel zinc coated |
| 0612 020 001 | 6 | 1 | 11 | Steel zinc coated |
| 0612 020 017 | 8 | 1 | 15 | Steel zinc coated |

Spiral Protection

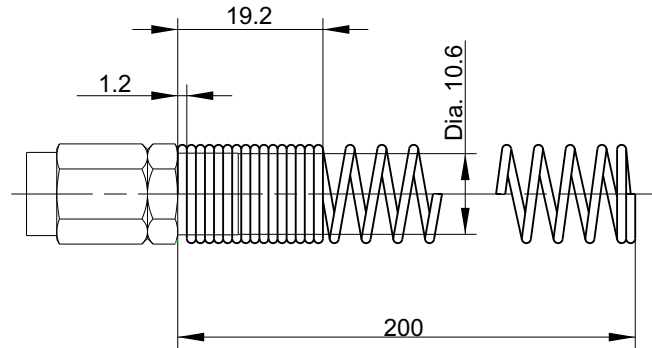
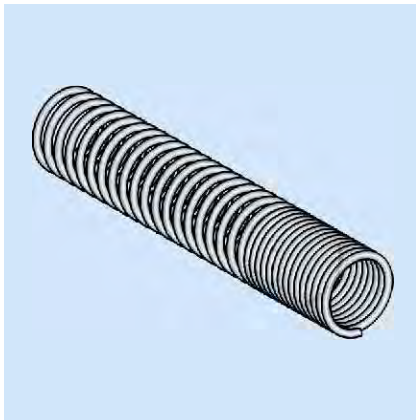
* =Indicate Length at order!



| Part-No. | Material |
|-----------|-----------------------------|
| 100121005 | Polyethylene Color black |

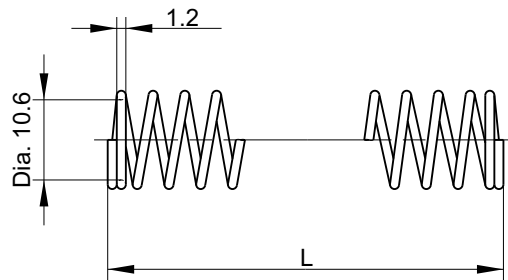


Bent Protection Spiral



| Part-No. | Material |
|-----------|--------------------------------------|
| 100121002 | Steel zinc coated yellow chromate |

Bent Protection Spiral

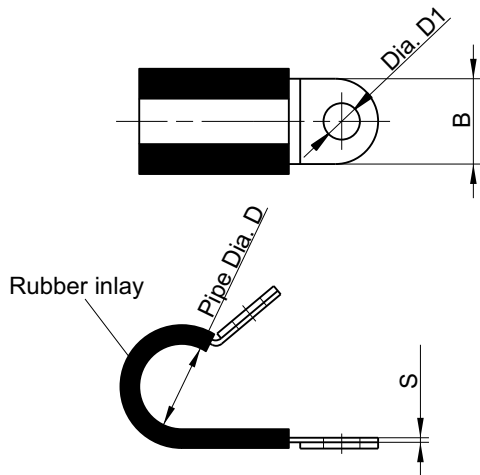


| Part-No. | L (mm) | Material |
|-------------|--------|----------|
| 1001 21 004 | 5000 | 1.4310 |
| 1001 21 040 | 2000 | 1.4310 |
| 1001 21 041 | 1300 | 1.4310 |
| 1001 21 042 | 750 | 1.4310 |

Subject to alterations! © BEKA 2010 All rights reserved!



Rubber lined Pipe Clamp



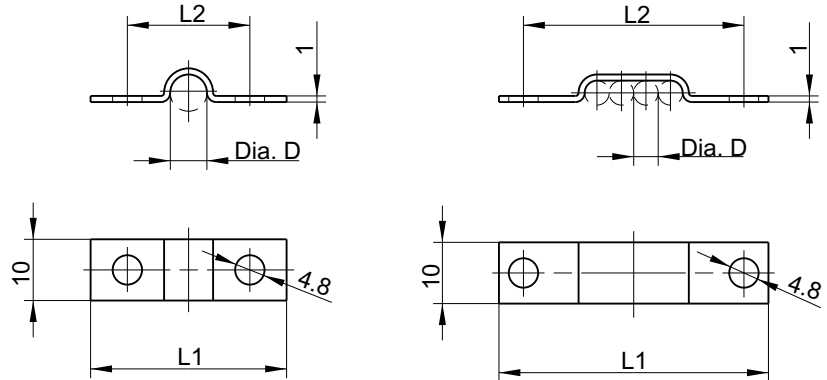
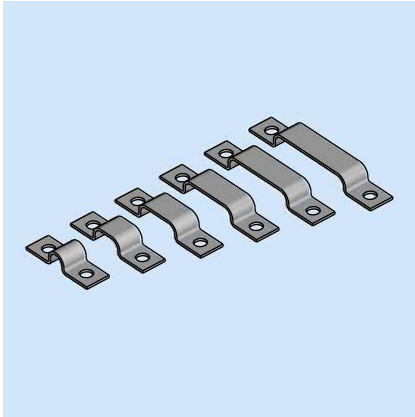
| Part-No. | B | Pipe Dia. D | S | Dia. D1 | Material |
|--------------|----|-------------|-----|---------|----------|
| 1001 500 10 | 12 | 6 | 0.5 | 5.3 | Steel |
| 1001 500 20 | 12 | 9 | 0.5 | 5.3 | Steel |
| 1001 500 30 | 12 | 12 | 0.5 | 5.3 | Steel |
| 1001 500 40 | 12 | 15 | 0.5 | 5.3 | Steel |
| 1001 500 60 | 12 | 17 | 0.5 | 5.3 | Steel |
| 1001 500 65 | 12 | 18 | 0.5 | 5.3 | Steel |
| 1001 500 50 | 12 | 20 | 0.5 | 5.3 | Steel |
| | | | | | |
| 1003 050 019 | 15 | 6 | 0.6 | 6.4 | Steel |
| 1003 050 006 | 15 | 9 | 0.6 | 6.4 | Steel |
| 1003 050 022 | 15 | 10 | 0.6 | 6.4 | Steel |
| 1003 050 012 | 15 | 12 | 0.6 | 6.4 | Steel |
| 1003 050 023 | 15 | 15 | 0.8 | 6.4 | Steel |
| 1003 050 003 | 15 | 17 | 0.8 | 6.4 | Steel |
| 1003 050 013 | 15 | 18 | 0.8 | 6.4 | Steel |
| 1003 050 032 | 15 | 19 | 0.8 | 6.4 | Steel |
| 1003 050 004 | 15 | 20 | 0.8 | 6.4 | Steel |
| 1003 050 014 | 15 | 22 | 0.8 | 6.4 | Steel |
| 1003 050 016 | 15 | 25 | 0.8 | 6.4 | Steel |

All Parts made of Steel are Zinc coated.



Pipe Clamps

Duplex-fastening, at DIN 72573



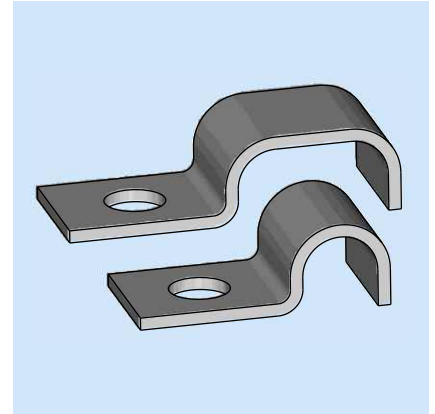
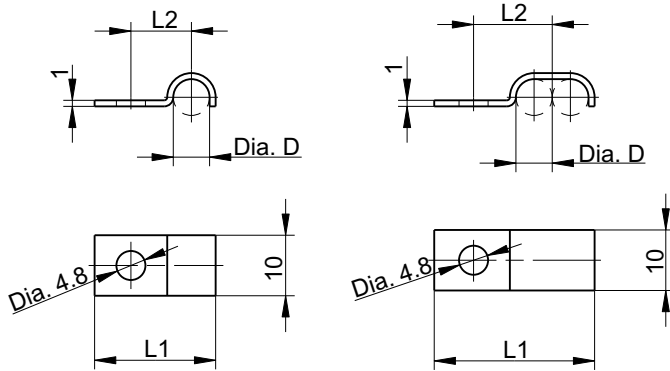
| Part-No. | Dia. D | Number of pipes | L1 | L2 | Material |
|-----------------|--------|-----------------|----|----|----------|
| 097 257 300 411 | 4 | 1 | 29 | 17 | Steel |
| 097 257 300 412 | 4 | 2 | 33 | 21 | Steel |
| 097 257 300 413 | 4 | 3 | 39 | 27 | Steel |
| 097 257 300 414 | 4 | 4 | 44 | 32 | Steel |
| 097 257 300 415 | 4 | 5 | 48 | 36 | Steel |
| 097 257 300 416 | 4 | 6 | 52 | 40 | Steel |
| 097 257 300 111 | 6 | 1 | 32 | 20 | Steel |
| 097 257 300 112 | 6 | 2 | 38 | 26 | Steel |
| 097 257 300 113 | 6 | 3 | 45 | 33 | Steel |
| 097 257 300 114 | 6 | 4 | 51 | 39 | Steel |
| 097 257 300 115 | 6 | 5 | 57 | 45 | Steel |
| 097 257 300 116 | 6 | 6 | 64 | 52 | Steel |
| 097 257 300 211 | 8 | 1 | 34 | 22 | Steel |
| 097 257 300 212 | 8 | 2 | 42 | 30 | Steel |
| 097 257 300 213 | 8 | 3 | 51 | 39 | Steel |
| 097 257 300 214 | 8 | 4 | 59 | 47 | Steel |
| 097 257 300 215 | 8 | 5 | 68 | 56 | Steel |
| 097 257 300 216 | 8 | 6 | 76 | 64 | Steel |
| 097 257 300 511 | 10 | 1 | 34 | 22 | Steel |
| 097 257 300 512 | 10 | 2 | 44 | 32 | Steel |
| 097 257 300 513 | 10 | 3 | 55 | 43 | Steel |
| 097 257 300 514 | 10 | 4 | 67 | 55 | Steel |
| 097 257 300 515 | 10 | 5 | 77 | 65 | Steel |
| 097 257 300 516 | 10 | 6 | 90 | 78 | Steel |

All Parts made of Steel are Zinc coated.



Pipe Clamps

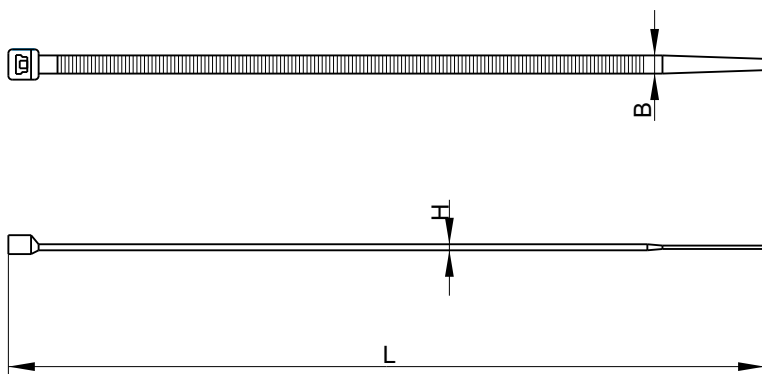
One-side-fastening, at DIN 72571



| Part-No. | Dia. D | Number of pipes | L1 | L2 | Material |
|-----------------|--------|-----------------|------|----|----------|
| 097 257 100 111 | 4 | 1 | 18 | 9 | Steel |
| 097 257 100 211 | 6 | 1 | 20 | 10 | Steel |
| 097 257 100 311 | 8 | 1 | 22 | 11 | Steel |
| 097 257 100 411 | 10 | 1 | 23 | 11 | Steel |
| 097 257 100 112 | 4 | 2 | 22.5 | 11 | Steel |
| 097 257 100 212 | 6 | 2 | 26.5 | 13 | Steel |
| 097 257 100 312 | 8 | 2 | 30.5 | 15 | Steel |
| 097 257 100 412 | 10 | 2 | 33.5 | 16 | Steel |

All Parts of steel are Zinc coated.

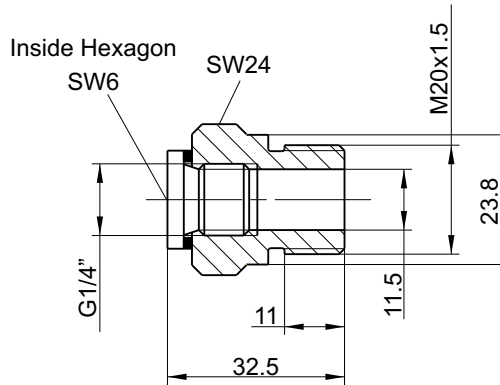
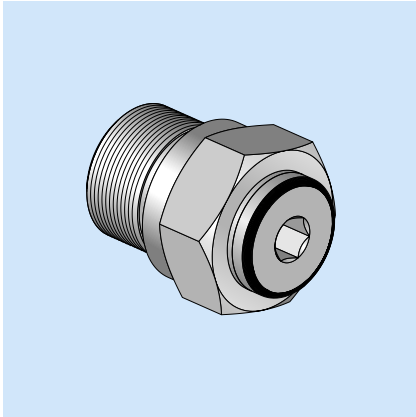
Nylon Tie Strap



| Part-No. | L | B | H | Material |
|-------------|-----|-----|-----|----------|
| 100 121 517 | 200 | 4.8 | 1.6 | Plastic |
| 100 121 012 | 200 | 3.6 | 1 | Plastic |
| 100 121 520 | 360 | 4.8 | 1.6 | Plastic |
| 100 121 518 | 365 | 7.8 | 1.8 | Plastic |
| 100 121 016 | 450 | 7.8 | 1.8 | Plastic |

Subject to alterations! © BEKA 2010 All rights reserved!

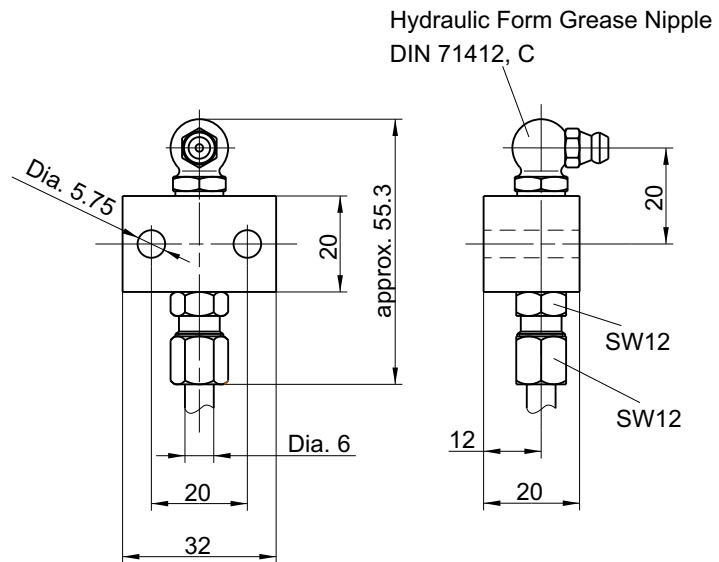
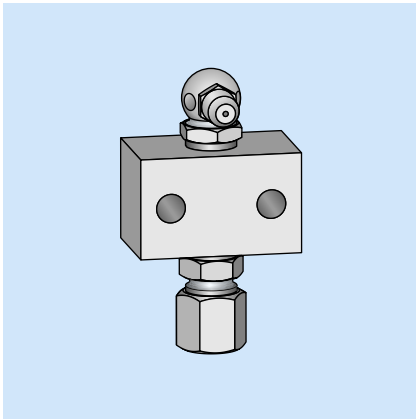
Nipple Modification Kit



| Part-No. | Material |
|-------------|--------------------------------------|
| 21590010020 | Steel zinc coated yellow chromate |

Nipple Block One-Outlet

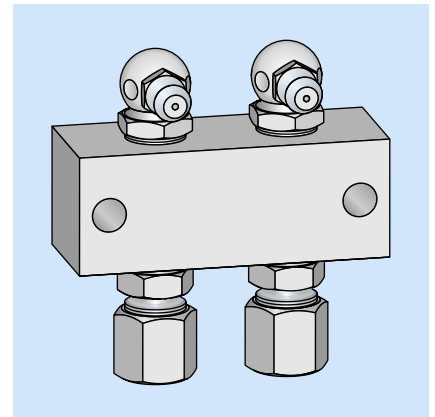
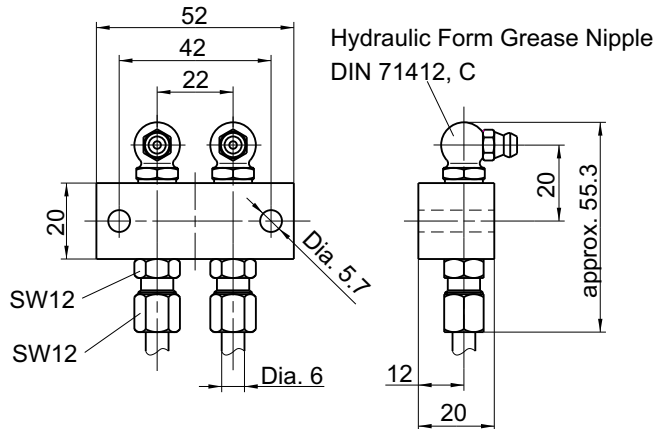
at AZ-1713



| Part-No. | Material |
|-------------|--------------------------------------|
| 21590020014 | Steel zinc coated yellow chromate |

Nipple Block Two-Outlets

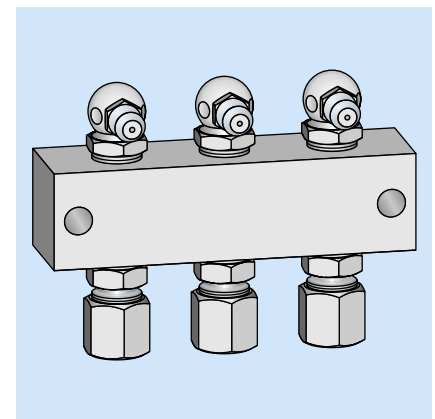
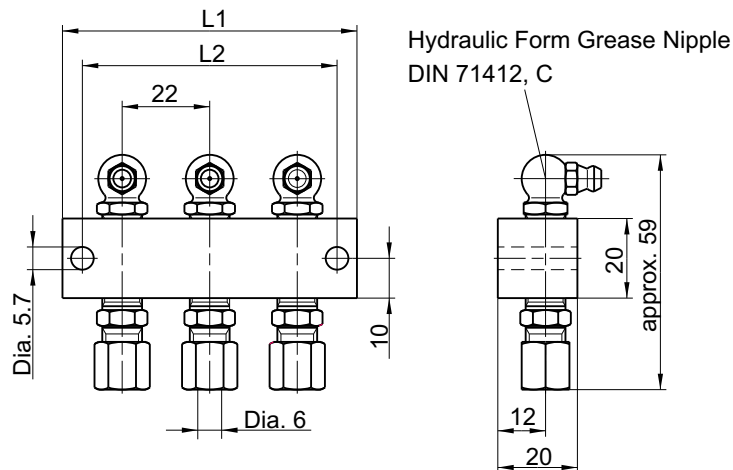
at AZ-1714



| Part-No | Material |
|-------------|--------------------------------------|
| 21590020024 | Steel zinc coated yellow chromate |

Nipple Block Three up to Eight-Outlets

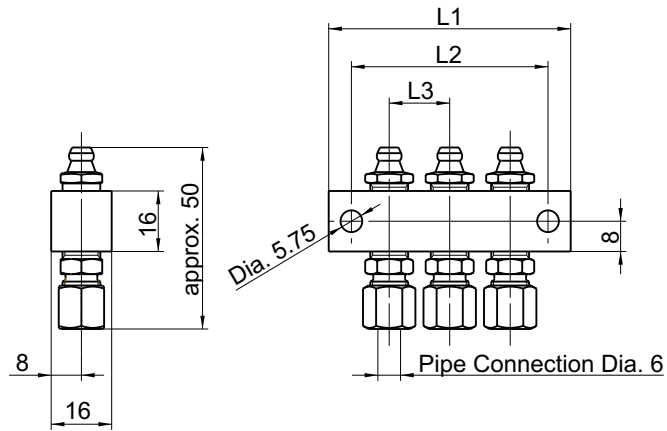
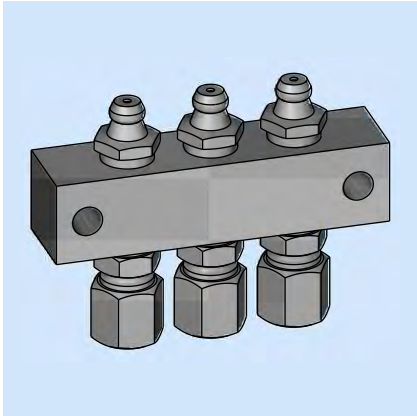
Pic.: Nipple Block Three-Outlets



| Part-No. | Number of connections | Number of connections | | Material |
|---------------|-----------------------|-----------------------|-----|----------|
| | | L1 | L2 | |
| 2159 0020 025 | 3 | 74 | 64 | Steel |
| 2159 0020 026 | 4 | 96 | 86 | Steel |
| 2159 0020 027 | 5 | 118 | 108 | Steel |
| 2159 0020 028 | 6 | 140 | 130 | Steel |
| 2159 0020 029 | 8 | 184 | 174 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

Nipple Block one- up to eight-outlets
at FAZ1714-05

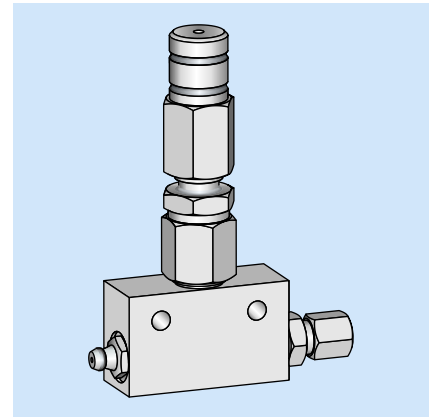
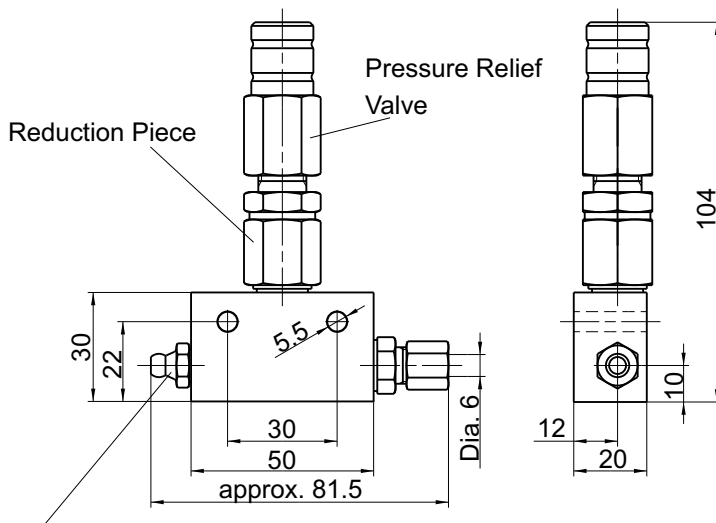


| Part-No. | Number of connections | L1 | L2 | L3 | Material |
|---------------|-----------------------|-----|-----|----|----------|
| 2159 0020 065 | 1 | 32 | 20 | 20 | Steel |
| 2159 0020 066 | 2 | 52 | 40 | 16 | Steel |
| 2159 0020 067 | 3 | 64 | 52 | 16 | Steel |
| 2159 0020 068 | 4 | 80 | 68 | 16 | Steel |
| 2159 0020 069 | 5 | 96 | 84 | 16 | Steel |
| 2159 0020 070 | 6 | 112 | 100 | 16 | Steel |
| 2159 0020 071 | 7 | 128 | 116 | 16 | Steel |
| 2159 0020 072 | 8 | 144 | 132 | 16 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

Nipple Block One-Outlet

with High Pressure Valve at FAZ02251-01

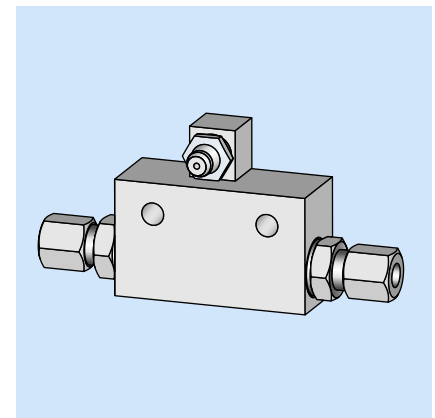
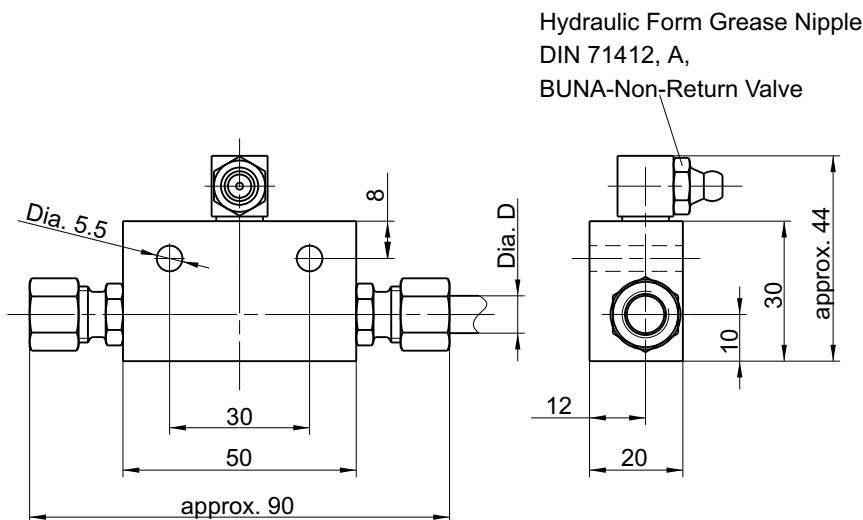


Hydraulic Form Grease Nipple
DIN 71412, A,
BUNA-Non-Return Valve

| Part-No. | Material |
|-----------------|--------------------------------------|
| 2152 99063 2001 | Steel zinc coated yellow chromate |

Straight-Way Nipple Block One-Outlet

Connection Dia. 6 and Dia. 8

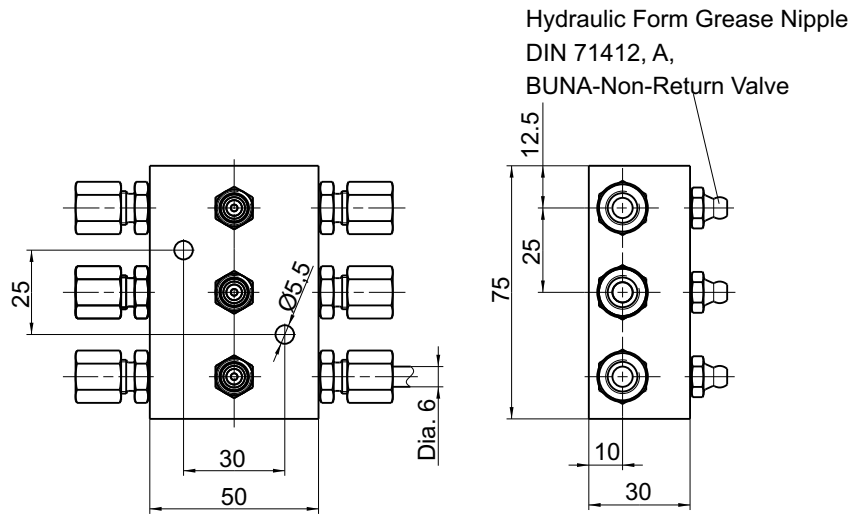
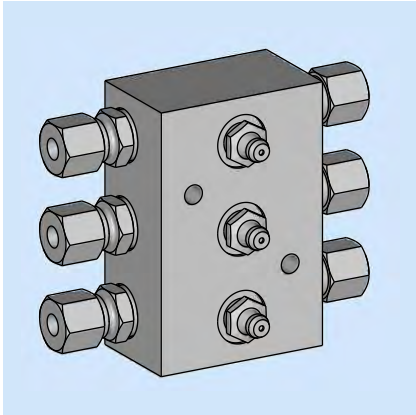


| Part-No. | Dia. D | Material |
|---------------|--------|----------|
| 2159 0030 014 | 6 | Steel |
| 2159 0030 017 | 8 | Steel |

All Parts made of steel are zinc coated and yellow chromated.

Straight-Way Nipple Block 3 Outlets

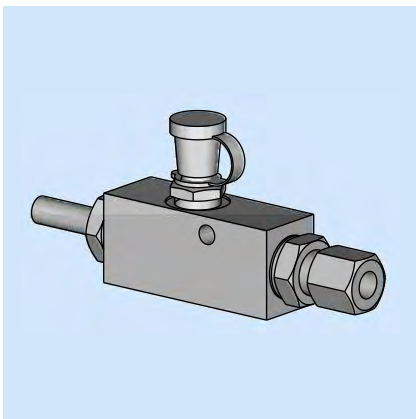
at AZ-1760-02



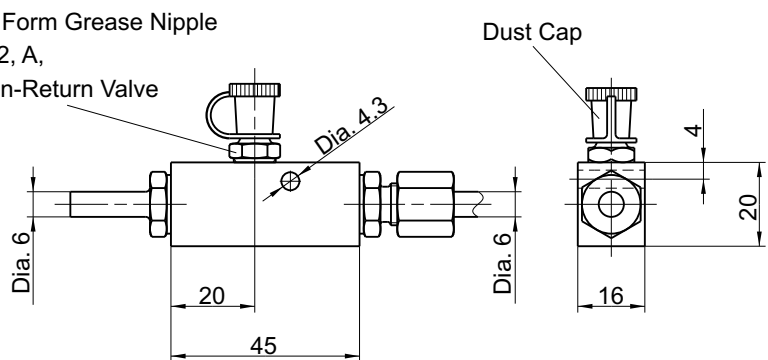
| Part-No. | Material |
|-------------|--------------------------------------|
| 21590030016 | Steel zinc coated yellow chromate |

Straight-Way Nipple Block

at AZ-1760-04



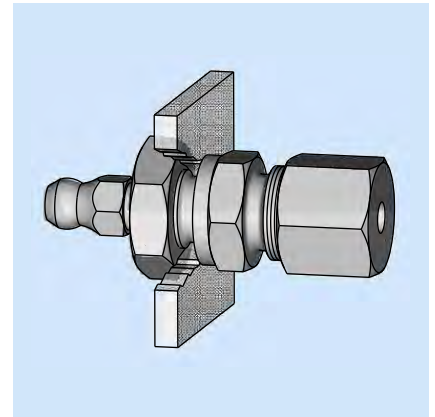
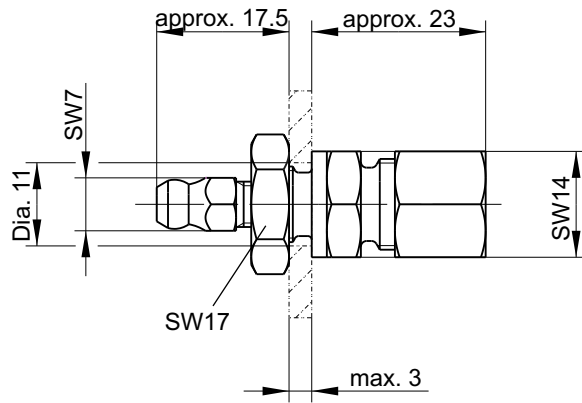
Hydraulic Form Grease Nipple
DIN 71412, A,
BUNA-Non-Return Valve



| Part-No. | Material |
|-------------|--------------------------------------|
| 21590030020 | Steel zinc coated yellow chromate |



Bulkhead coupling with Hydraulic Form Grease Nipple



| Part-No. | Material |
|-------------|--------------------------------------|
| FAZ03552-00 | Steel zinc coated yellow chromate |