

High-Pressure Quick Couplings

made of Stainless Steel 1.4401 – System Kamlok PN 60 bar



- High-quality, robust high-pressure quick couplings made of stainless steel 1.4401
- Coupling dimensions according to US-Mil-Norm (MIL-C-27487) or DIN EN 14 420-7
- Considerably reinforced housing (compared to Standard Kamlock)
- Investment casted handle with high-pressure pins (crimped on both sides)
- Handle securing with robust cord (stainless steel) and safety clip
- TÜV accredited for working pressure up to 60 bar (burst pressure test 150 bar) for liquids*
- **Special coupling system to be used on snow pump installations, tunnelling, conveyor technology or different high-pressure applications with liquids**

| Max. Working Pressure | Temperature | Thread | Norm | Media | |
|-----------------------|---------------|------------------------|------------------------------|--------------|---|
| PN 60 bar* | -40°C – +95°C | ISO 228 / DIN EN 10226 | MIL-C-27487/ DIN EN 14 420-7 | Liquid media | 1 |

Optional Stem-Types

for steelband



for crimping ferrule



for wire



for safety clamp

Couplings with hose stem for flat hoses or thick-walled rubber hoses

| Hose connect. | Type-Size | ID | DN | System | Weight | Type No. |
|-----------------|-----------|------|----|------------------|--------|---------------|
| Hose i.D. 25-28 | 100 | 37.3 | 25 | - | 380 | SKK 100-T |
| Hose i.D. 38-40 | 150 | 54 | 40 | - | 635 | SKK 150-T |
| Hose i.D. 50-54 | 200 | 63.8 | 50 | - | 990 | SKK 200-T |
| Hose i.D. 38-40 | 200 | 63.8 | 40 | with thread stem | 1360 | SKK 200/150-T |
| Hose i.D. 63-67 | 250 | 76.8 | 65 | - | 2800 | SKK 250-T** |

Plugs with hose stem for flat hoses or thick-walled rubber hoses

| Hose connect. | Type-Size | ID | DN | System | Weight | Type No. |
|-----------------|-----------|------|----|------------------|--------|---------------|
| Hose i.D. 25-28 | 100 | 36.7 | 25 | - | 230 | SKS 100-T |
| Hose i.D. 38-40 | 150 | 53.4 | 40 | - | 425 | SKS 150-T |
| Hose i.D. 50-54 | 200 | 63 | 50 | - | 740 | SKS 200-T |
| Hose i.D. 38-40 | 200 | 63 | 40 | with thread stem | 1080 | SKS 200/150-T |
| Hose i.D. 63-67 | 250 | 75.8 | 65 | - | 2450 | SKS 250-T** |

Attention: Nine different hose stem contours and dimensions are available as standard hose designs!

For each order the exact hose type, size and preferred assembly method has to be specified to choose the right hose stem version! For new stem profiles: minimum quantity is 50 sets.

Crimping ferrules made of steel (zinc-plated) for hydraulic crimping

| Type-Size | System | Weight | Type No. |
|-----------|-------------|--------|------------|
| 100 | Flat hose | 180 | PH-100-S F |
| 100 | Rubber hose | 215 | PH-100-S G |
| 150 | Flat hose | 219 | PH-150-S F |
| 150 | Rubber hose | 333 | PH-150-S G |
| 200 | Flat hose | 240 | PH-200-S F |
| 200 | Rubber hose | 360 | PH-200-S G |
| 250 | Flat hose | 370 | PH-250-S F |
| 250 | Rubber hose | 450 | PH-250-S G |

Attention: Specify the exact hose type and size in each case!

* Screwed with thread stem made of stainless steel

** Max. Working Pressure 40 bar



High-Pressure Quick Couplings

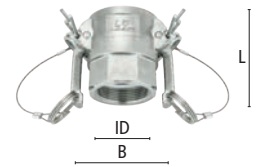
Materials

- Couplings, plug, handle: Stainless Steel 1.4401
- Screwing stem: Steel blue passivated
- Ferrule: Steel zinc-plated and blue passivated
- Seals: NBR
- Thread sealing ring: PTFE
- Screws: DACRO 500 A coated
- Pin, cord, ring: Stainless Steel 1.4401
- Clip: Steel zinc-plated (DIN 11024)



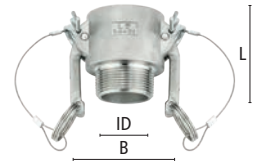
Couplings with female thread and thread sealing ring

| Thread connection | L | B | Type-Size | ID | DN | Weight | Type No. |
|-------------------|----|-----|-----------|------|----|--------|------------|
| G 1 f | 63 | 70 | 100 | 37.3 | 25 | 450 | SKK 100 I |
| G 1 1/2 f | 73 | 93 | 150 | 54 | 40 | 850 | SKK 150 I |
| G 2 f | 78 | 102 | 200 | 63.8 | 50 | 920 | SKK 200 I |
| G 2 1/2 f | 78 | 110 | 250 | 76.5 | 65 | 1300 | SKK 250 I* |



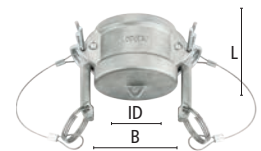
Couplings with male thread

| Thread connection | L | B | Type-Size | ID | DN | Weight | Type No. |
|-------------------|----|-----|-----------|------|----|--------|-----------|
| R 1 1/2 m | 67 | 93 | 150 | 54 | 40 | 740 | SKK 150 A |
| R 2 m | 79 | 102 | 200 | 63.8 | 50 | 944 | SKK 200 A |



Dust Caps

| L | B | Type-Size | ID | DN | Weight | Type No. |
|----|-----|-----------|------|----|--------|-------------|
| 49 | 70 | 100 | 37.3 | 25 | 390 | SKK 100-DC |
| 59 | 93 | 150 | 54 | 40 | 480 | SKK 150-DC |
| 63 | 102 | 200 | 63.8 | 50 | 680 | SKK 200-DC |
| 67 | 110 | 250 | 76.5 | 65 | 920 | SKK 250-DC* |



Plugs with female thread and thread sealing ring (DIN EN 14 420-7 Form AF)

| Thread connection | L | Type-Size | ID | Passage | DN | Weight | Type No. |
|-------------------|----|-----------|------|---------|----|--------|----------|
| G 1 f | 52 | 100 | 36.7 | 24 | 25 | 222 | 100-A-SS |
| G 1 1/2 f | 62 | 150 | 53.4 | 38 | 40 | 493 | 150-A-SS |
| G 2 f | 71 | 200 | 63 | 51 | 50 | 644 | 200-A-SS |
| G 2 1/2 f | 75 | 250 | 75.8 | 58 | 65 | 945 | 250-A-SS |



Plugs with male thread (DIN EN 14 420-7 Form FF)

| Thread connection | L | Type-Size | ID | Passage | DN | Weight | Type No. |
|-------------------|-----|-----------|------|---------|----|--------|----------|
| R 1 m | 72 | 100 | 36.7 | 24 | 25 | 258 | 100-F-SS |
| R 1 1/2 m | 82 | 150 | 53.4 | 38 | 40 | 565 | 150-F-SS |
| R 2 m | 90 | 200 | 63 | 51 | 50 | 650 | 200-F-SS |
| R 2 1/2 m | 105 | 250 | 75.8 | 58 | 65 | 1317 | 250-F-SS |



Dust Plugs (DIN EN 14 420-7 Form DP)

| L | Type-Size | ID | DN | Weight | Type No. |
|----|-----------|------|----|--------|-----------|
| 46 | 100 | 36.7 | 25 | 139 | 100-DP-SS |
| 57 | 150 | 53.4 | 40 | 335 | 150-DP-SS |
| 60 | 200 | 63 | 50 | 441 | 200-DP-SS |
| 66 | 250 | 75.8 | 65 | 657 | 250-DP-SS |



Handle with high-pressure pin, Cord, Ring, Safety clip

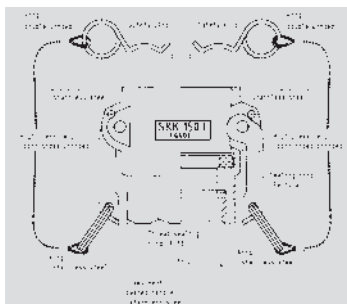
| Type-Size | Weight | Type No. |
|---------------|--------|----------|
| 150, 200, 250 | 89 | SKH 1 |



*Max. Working Pressure 40 bar

Drain Adapter

with 3 Automatic Drainage Valves 3/4" and 2 fixing spears



- High-quality drain adaptor made of stainless steel 1.4401
- Automatic drainage of the lines when turning off the plant or reducing the pressure to avoid frost damages in the plant and hose lines.
- Simply assemble the adaptor at the lowest spot between snow pump and hydrant and fix it with two spears (60 cm length) in suitable position

Materials

- Body, handle: Stainless Steel 1.4401
- Valve: Brass MS 58 nickel-plated
- Seals: NBR
- Pin, cord, ring: Stainless Steel 1.4401
- Clip: Steel zinc-plated (DIN 11024)

| Max. Working Pressure | Temperature | Media | |
|-----------------------|---------------|--------------|---|
| PN 60 bar | -40°C – +95°C | Liquid media | 1 |

Drain Adaptor with 3 Automatic Drainage Valves 3/4" and 2 fixing spears

| Connection | Type-Size | L | ID | ID1 | DN | Weight | Type No. |
|--|-----------|-----|------|------|----|--------|------------|
| Female/ Male | 150 | 197 | 53.4 | 54 | 40 | 2870 | SKK 150 EA |
| Female/ Male | 200 | 216 | 63 | 63.8 | 50 | 4039 | SKK 200 EA |
| Automatic Drainage Valves also available separately (7 bore) | | | | | | 160 | EWV 34 |
| Automatic Drainage Valves also available separately (1 bore) | | | | | | 170 | EWV 341 |

Opening pressure of valves approx. 1 bar!



High-Pressure Screwings

made of Steel Zinc-plated

- Extremely robust hose barb adapters for stationary long-term installations of pipe and hose lines
- Female thread stems with swivelling nut, flat sealing with thread sealing ring
- Complementary safety clamps and crimping ferrules (© page 344, 350)

Materials

- Hose stem: Steel zinc-plated and blue passivated
- Seals: PUR

| Max. Working Pressure | Temperature | Thread | Media | |
|-----------------------|---------------|------------------------|--------------|---|
| PN 60 bar | -40°C – +95°C | ISO 228 / DIN EN 10226 | Liquid media | 1 |

Male thread hose stems for flat hoses or thick-walled rubber hoses

| Thread connection | Hose connection | SW | DN | Weight | Type No. |
|-------------------|-----------------|----|----|--------|---------------|
| R 1 m | Hose i.D. 25-28 | 36 | 20 | 220 | SGA 100-T |
| R 1 1/2 m | Hose i.D. 38-40 | 50 | 40 | 372 | SGA 150-T |
| R 2 m | Hose i.D. 38-40 | 60 | 40 | 210 | SGA 200/150-T |
| R 2 m | Hose i.D. 50-54 | 60 | 50 | 620 | SGA 200-T |

Female thread hose stems for flat hoses or thick-walled rubber hoses (with screwing nut)

| Thread connection | Hose connection | SW | DN | Weight | Type No. |
|-------------------|-----------------|----|----|--------|-----------|
| G 1 f | Hose i.D. 25-28 | 41 | 20 | 250 | SGI 100-T |
| G 1 1/2 f | Hose i.D. 38-40 | 55 | 40 | 390 | SGI 150-T |
| G 2 f | Hose i.D. 50-54 | 70 | 50 | 640 | SGI 200-T |

Attention: Nine different hose stem contours and dimensions are available as standard hose designs! For each order the exact hose type, size and preferred assembly method has to be specified to choose the right hose stem version! For new stem profiles: minimum quantity is 50 sets.

Other sizes on request!

