

Properties

| | |
|---------------------------|---|
| Application | General application, e.g. in industry, construction machinery, agricultural technology etc. |
| Connection 1 | metric cylindrical outer thread |
| Sealing form 1 | 24° inner cone |
| Residual pressure: | Coupling under residual pressure is possible |
| Material | Steel |
| Surface | electro galvanised |



Description

Screw couplings are designed for high pressures and pressure pulses. It is recommended to combine only couplings same manufacturer.

Ordering information

Other pressure and temperature figures available on request. It is recommended to combine only couplings same manufacturer.

Additional information

The robust construction makes them ideal for use in harsh conditions.

Item

| Identification | Size | DN* | Series | for external pipe Ø (mm) | Connecting thread | Coupling thread | Operating pressure (bar) | Mineral oil temp. min. (°C) | Mineral oil temp. max. (°C) | SF coup.* |
|----------------|------|-----|--------|--------------------------|-------------------|-----------------|--------------------------|-----------------------------|-----------------------------|-----------|
| SKL 04 HL 1 | 1 | 4 | L | 6 | M 12x1,5 | Rd. 24 x 2 | 315,0 | -25 | 100 | 4 |
| SKL 06 HL 1 | 1 | 6 | L | 8 | M 14x1,5 | Rd. 24 x 2 | 315,0 | -30 | 100 | 4 |
| SKL 06 HL 2 | 2 | 6 | L | 8 | M 14x1,5 | Rd. 28 x 2 | 315,0 | -30 | 100 | 4 |
| SKL 06 HL 3 | 3 | 6 | L | 8 | M 14x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 08 HL 2 | 2 | 8 | L | 10 | M 16x1,5 | Rd. 28 x 2 | 315,0 | -30 | 100 | 4 |
| SKL 08 HL 3 | 3 | 8 | L | 10 | M 16x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 10 HL 3 | 3 | 10 | L | 12 | M 18x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 10 HL 4 | 4 | 10 | L | 12 | M 18x1,5 | Rd. 42 x 2 | 250,0 | -30 | 100 | 4 |
| SKL 13 HL 3 | 3 | 12 | L | 15 | M 22x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 13 HL 4 | 4 | 12 | L | 15 | M 22x1,5 | Rd. 42 x 2 | 250,0 | -30 | 100 | 4 |
| SKL 16 HL 3 | 3 | 16 | L | 18 | M 26x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 16 HL 4 | 4 | 16 | L | 18 | M 26x1,5 | Rd. 42 x 2 | 250,0 | -30 | 100 | 4 |
| SKL 16 HL 5 | 5 | 16 | L | 18 | M 26x1,5 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKL 20 HL 5 | 5 | 19 | L | 22 | M 30x2 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKL 25 HL 5 | 5 | 25 | L | 28 | M 36x2 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKL 32 HL 5 | 5 | 31 | L | 35 | M 45x2 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKL 32 HL 6 | 6 | 31 | L | 35 | M 45x2 | Rd. 70 x 3 | 160,0 | -25 | 100 | 4 |
| SKL 40 HL 6 | 6 | 38 | L | 42 | M 52x2 | Rd. 70 x 3 | 160,0 | -25 | 100 | 4 |
| SKL 04 HS 1 | 1 | 4 | S | 8 | M 16x1,5 | Rd. 24 x 2 | 400,0 | -25 | 100 | 4 |
| SKL 06 HS 1 | 1 | 6 | S | 10 | M 18x1,5 | Rd. 24 x 2 | 400,0 | -25 | 100 | 4 |
| SKL 06 HS 2 | 2 | 6 | S | 10 | M 18x1,5 | Rd. 28 x 2 | 325,0 | -30 | 100 | 4 |
| SKL 06 HS 3 | 3 | 6 | S | 10 | M 18x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 08 HS 2 | 2 | 8 | S | 12 | M 20x1,5 | Rd. 28 x 2 | 325,0 | -30 | 100 | 4 |
| SKL 08 HS 3 | 3 | 8 | S | 12 | M 20x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 10 HS 3 | 3 | 10 | S | 14 | M 22x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 10 HS 4 | 4 | 10 | S | 14 | M 22x1,5 | Rd. 42 x 2 | 250,0 | -25 | 125 | 4 |
| SKL 13 HS 3 | 3 | 12 | S | 16 | M 24x1,5 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKL 13 HS 4 | 4 | 12 | S | 16 | M 24x1,5 | Rd. 42 x 2 | 250,0 | -30 | 100 | 4 |
| SKL 16 HS 3 | 3 | 16 | S | 20 | M 30x2 | Rd. 36 x 2 | 300,0 | -25 | 125 | 4 |
| SKL 16 HS 4 | 4 | 16 | S | 20 | M 30x2 | Rd. 42 x 2 | 250,0 | -30 | 100 | 4 |
| SKL 16 HS 5 | 5 | 16 | S | 20 | M 30x2 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKL 20 HS 5 | 5 | 19 | S | 25 | M 36x2 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKL 25 HS 5 | 5 | 25 | S | 30 | M 42x2 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKL 25 HS 6 | 6 | 25 | S | 30 | M 42x2 | Rd. 70 x 3 | 250,0 | -30 | 100 | 4 |



SKL HL / SKL HS

Screw coupling (loose)



| Item | | | | | | | | | | |
|----------------|----------|--------|--------------------------|-------------------|-----------------|--------------------------|-----------------------------|-----------------------------|-----------|---|
| Identification | Size DN* | Series | for external pipe Ø (mm) | Connecting thread | Coupling thread | Operating pressure (bar) | Mineral oil temp. min. (°C) | Mineral oil temp. max. (°C) | SF coup.* | |
| SKL 32 HS 6 | 6 | 31 | S | 38 | M 52x2 | Rd. 70 x 3 | 250,0 | -30 | 100 | 4 |

DN = Nominal diameter, nominal width – SF gek. = Safety factor coupled

Product versions

SKL HL SI / SKL HS SI Screw coupling with locking mechanism (loose), electro galvanised

Accessories

| | |
|-------------|-------------------------|
| SKL ZUBS AL | Dust protector |
| SKL ZUBS | Dust protection for SKL |