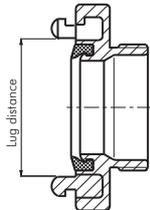


Storz couplings (fire brigade couplings)

3



Storz couplings (fire brigade couplings) 16 bar

Materials: Seal: NBR (stainless steel: FKM)
Temperature range: -40°C to +110°C (stainless steel: -15°C to +200°C)
Pressure range: Up to 16 bar
Operating range: Industry, fire brigade, refinery, agriculture, construction industry, maritime, military and catastrophe protection

Dimensions for size determination of Storz couplings
DIN sizes

| | |
|---------------------|--------------------|
| Lug distance 31 mm | = Storz size 25-D |
| Lug distance 66 mm | = Storz size 52-C |
| Lug distance 89 mm | = Storz size 75-B |
| Lug distance 133 mm | = Storz size 110-A |

✓ Advantages

- Simple arrangement from hose end and connection.
- Quick connecting and releasing through a 120° rotation.
- All couplings with the same lug distance are compatible with each other. The following applies: Same lug distance, same nominal size.
- Broad spectrum of applications through the use of application-specific hoses.
- Aluminium forged - no risk of breaking as with e.g. cast couplings.

For suction and pressure operation!



TIP The hose does not become twisted!

Storz couplings with hose connections, rotatable

✓ **Advantages:** • The hose does not become twisted when coupling as the socket contained in the lug part can rotate.
 🛠 **Optional:** With lock -VER

| Type | Type | Type | Storz size | Lug distance | Hose DN |
|------------------------------|-----------------|-----------------|------------|--------------|---------|
| alu forged | brass | AISI 316 | | | |
| STKS 31/25 A ¹⁾ | STKS 31/25 MS | STKS 31/25 ES | 25-D | 31 | 25 |
| STKS 44/19 A | STKS 44/19 MS | --- | 32 | 44 | 19 |
| STKS 44/25 A | STKS 44/25 MS | --- | 32 | 44 | 25 |
| STKS 44/32 A | --- | --- | 32 | 44 | 32 |
| STKS 51/25 A | STKS 51/25 MS | --- | 38 | 51 | 25 |
| STKS 51/32 A | STKS 51/32 MS | --- | 38 | 51 | 32 |
| STKS 51/38 A | STKS 51/38 MS | STKS 51/38 ES | 38 | 51 | 38 |
| STKS 66/25 A | STKS 66/25 MS | STKS 66/25 ES | 52-C | 66 | 25 |
| STKS 66/32 A | STKS 66/32 MS | STKS 66/32 ES | 52-C | 66 | 32 |
| STKS 66/38 A | STKS 66/38 MS | STKS 66/38 ES | 52-C | 66 | 38 |
| STKS 66/42 A | --- | STKS 66/42 ES | 52-C | 66 | 42 |
| STKS 66/52 A ²⁾ | STKS 66/52 MS | STKS 66/52 ES | 52-C | 66 | 52 |
| STKS 81/38 A | STKS 81/38 MS | STKS 81/38 ES | 65 | 81 | 38 |
| STKS 81/52 A | STKS 81/52 MS | STKS 81/52 ES | 65 | 81 | 52 |
| STKS 81/65 A | STKS 81/65 MS | STKS 81/65 ES | 65 | 81 | 65 |
| STKS 81/75 A | STKS 81/75 MS | STKS 81/75 ES | 65 | 81 | 75 |
| STKS 89/65 A | STKS 89/65 MS | STKS 89/65 ES | 75-B | 89 | 65 |
| STKS 89/70 A | --- | --- | 75-B | 89 | 70 |
| STKS 89/75 A ³⁾ | STKS 89/75 MS | STKS 89/75 ES | 75-B | 89 | 75 |
| STKS 89/80 A | --- | STKS 89/80 ES | 75-B | 89 | 80 |
| STKS 105/90 A | --- | --- | 90 | 105 | 90 |
| STKS 115/100 A | STKS 115/100 MS | STKS 115/100 ES | 100 | 115 | 100 |
| STKS 133/90 A | --- | --- | 110-A | 133 | 90 |
| STKS 133/100 A | STKS 133/100 MS | STKS 133/100 ES | 110-A | 133 | 100 |
| STKS 133/110 A ⁴⁾ | STKS 133/110 MS | STKS 133/110 ES | 110-A | 133 | 110 |

¹⁾ DIN 14301, ²⁾ DIN 14321, ³⁾ DIN 14322, ⁴⁾ DIN 14323

🛠 **Order example:** STKS 31/19 A **



Option: With lock



Recommended accessories:
 Hinge bolt clamps can be found on page 237.
 Wire hose clamps (for hoses with spiral inlay) are found on page 238.

Storz couplings with hose connections for PVC or rubber hoses, rotatable

✓ **Advantages:** • The hose does not become twisted when coupling as the socket contained in the lug part can rotate.
 • Thanks to "Christmas tree profile", suitable for hoses on sockets of greater wall thickness.

🛠 **Optional:** With lock -VER

| Type | Type | Type | Storz size | Lug distance | Hose DN |
|-----------------|----------------|----------------|------------|--------------|---------|
| alu forged | brass | AISI 316 | | | |
| STKSP 31/13 A | --- | --- | 25-D | 31 | 13 |
| STKSP 31/19 A | STKSP 31/19 MS | STKSP 31/19 ES | 25-D | 31 | 19 |
| STKSP 66/51 A | --- | --- | 52-C | 66 | 51 |
| STKSP 89/76 A | --- | --- | 75-B | 89 | 76 |
| STKSP 133/102 A | --- | --- | 110-A | 133 | 102 |
| STKSP 133/110 A | --- | --- | 110-A | 133 | 110 |
| STKSP 148/127 A | --- | --- | 125 | 148 | 127 |
| STKSP 160/152 A | --- | --- | 150 | 160 | 152 |

🛠 **Order example:** STKSP 31/13 A **



For suction and pressure operation!



Option: With lock

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.