

TECHNICAL DATA SHEET

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|----------------|---------------------------------|
| CODE: | SCS38B - SCS75B & SC2519 - SC65 |
| DESCRIPTION: | STORZ HOSE COUPLINGS |
| CATEGORY: | COUPLINGS—STORZ |
| REVISION DATE: | 21 AUGUST 2020 |

PRODUCT DESCRIPTION:

Storz hose couplings utilize a Storz type cam ring connection face and swiveling hose tail for use on fire fighting and other fluid transfer hoses. Storz type hose couplings are widely used for firefighting applications throughout Europe and also in several Australian States / Territories. Storz type hose couplings do not rely on separate male and female connections - instead the single coupling face is fully connectable with other Storz equipment of the same size. Storz hose couplings are available in a variety of sizes in both Aluminium (Light Alloy) and Copper Alloy (Brass).

Australia Wide Fire Supplies only supply high quality, German manufactured, FORGED Storz couplings as recommended by leading Fire & Emergency Authorities throughout Australia.

We do not recommend the use of inferior low cost casted Storz couplings for fire protection applications.

Genuine forged products will be clearly marked with both the Manufacturer's mark as well as their forging mark from the forge. *Note that some inferior cast manufactured Storz products even though they are cast, are commonly supplied with the word "FORGED" marked on them.*



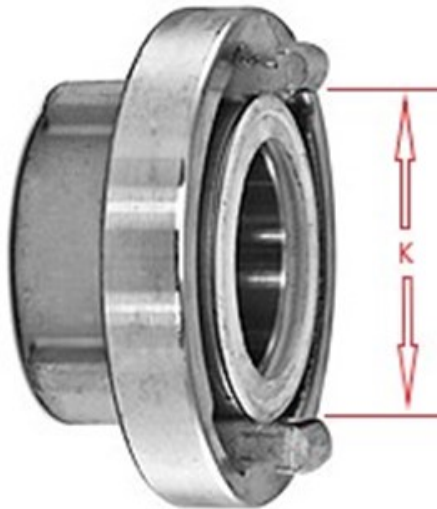
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STORZ HOSE COUPLINGS MATERIALS SPECIFICATION:

| HOSE COUPLING | CAM RING* (COUPLING HEAD) | HOSE TAIL* | RETAINING RING | GASKET (DELIVERY TYPE) |
|----------------------------------|--|--|------------------|--|
| LIGHT ALLOY | ALUMINIUM ALLOY AlMgSi F28 DIN 1749 /1, COMPOSITION DIN 1725 /1, COPPER MAX. 0.05% | ALUMINIUM ALLOY COMPOSITION DIN 1725 /2 (AlSi, AlMg / AlMgSi) - COPPER MAX 0.05% | STEEL GALVANIZED | NITRILE RUBBER 60 ± 5 SHORE A ACCORDING TO DIN 53 505 |
| BRASS | COPPER ALLOY CuZ- n39Pb3 MATERIAL NUM- BER 2.0401 | COPPER ALLOY CuZn39Pb3 MATERIAL NUMBER 2.0401 | STEEL GALVANIZED | NITRILE RUBBER 60 ± 5 SHORE A ACCORDING TO DIN |
| MANUFACTURING PROCESS | *FORGED | *CAST | NA | NA |

HOW TO CORRECTLY DETERMINE STORZ SIZE:



To determine the correct size of a STORZ coupling face a measurement between the two lugs on the coupling face as shown (left) must be taken.

The measurement figure "K" should then be cross referenced to table (below) to determine the "STORZ" size of the coupling face.

| DISTANCE (K) MM | COUPLING SIZE MM | COUPLING SIZE " | STORZ REF |
|--------------------|---------------------|--------------------|--------------|
| 31MM | 25MM | 1" | D |
| 51MM | 38MM | 1.5" | |
| 66MM | 52MM | 2" | C |
| 81MM | 65MM | 2.5" | |
| 89MM | 75MM | 3" | B |






| DISTANCE | COUPLING | COUPLING | STORZ |
|----------|----------|----------|-------|
| 105MM | 90MM | 3.5" | |
| 115MM | 100MM | 4" | |
| 133MM | 110MM | 4.5" | A |
| 148MM | 125MM | 5" | |
| 160MM | 150MM | 6" | |



FORGED BRASS STORZ COUPLINGS:

** SOLD IN COUPLING SETS—SUPPLIED WITH DELIVERY TYPE SEAL

** ADDITIONAL SIZES / VARIANTS AVAILABLE UPON REQUEST

| IMAGES - NOT TO SCALE | CODE | DESCRIPTION |
|---|-----------------|--|
|  | SCS38B | STORZ COUPLING SET 38MM x 38MM TAIL FORGED BRASS |
|  | SCS50B | STORZ COUPLING SET 52MM x 52MM TAIL FORGED BRASS |
|  | SCS6538B | STORZ COUPLING SET 65MM x 38MM TAIL FORGED BRASS |
|  | SCS6550B | STORZ COUPLING SET 65MM x 52MM TAIL FORGED BRASS |
|  | SCS65B | STORZ COUPLING SET 65MM x 65MM TAIL FORGED BRASS |



FORGED ALLOY STORZ COUPLINGS:

** SOLD AS INDIVIDUAL COUPLINGS - SUPPLIED WITH DELIVERY TYPE SEAL

** ADDITIONAL SIZES / VARIANTS AVAILABLE UPON REQUEST

| IMAGES - NOT TO SCALE | | | CODE | DESCRIPTION |
|---|---|---|--------|--|
|  |  |  | SC2519 | STORZ COUPLING 25MM x 19MM TAIL FORGED ALLOY |
|  |  |  | SC25 | STORZ COUPLING 25MM x 25MM TAIL FORGED ALLOY |
|  |  |  | SC3825 | STORZ COUPLING 38MM x 25MM TAIL FORGED ALLOY |
|  |  |  | SC38 | STORZ COUPLING 38MM x 38MM TAIL FORGED ALLOY |
|  |  |  | SC50 | STORZ COUPLING 52MM x 52MM TAIL FORGED ALLOY |
|  |  |  | SC6538 | STORZ COUPLING 65MM x 38MM TAIL FORGED ALLOY |
|  |  |  | SC6550 | STORZ COUPLING 65MM x 52MM TAIL FORGED ALLOY |
|  |  |  | SC65 | STORZ COUPLING 65MM x 65MM TAIL FORGED ALLOY |

