

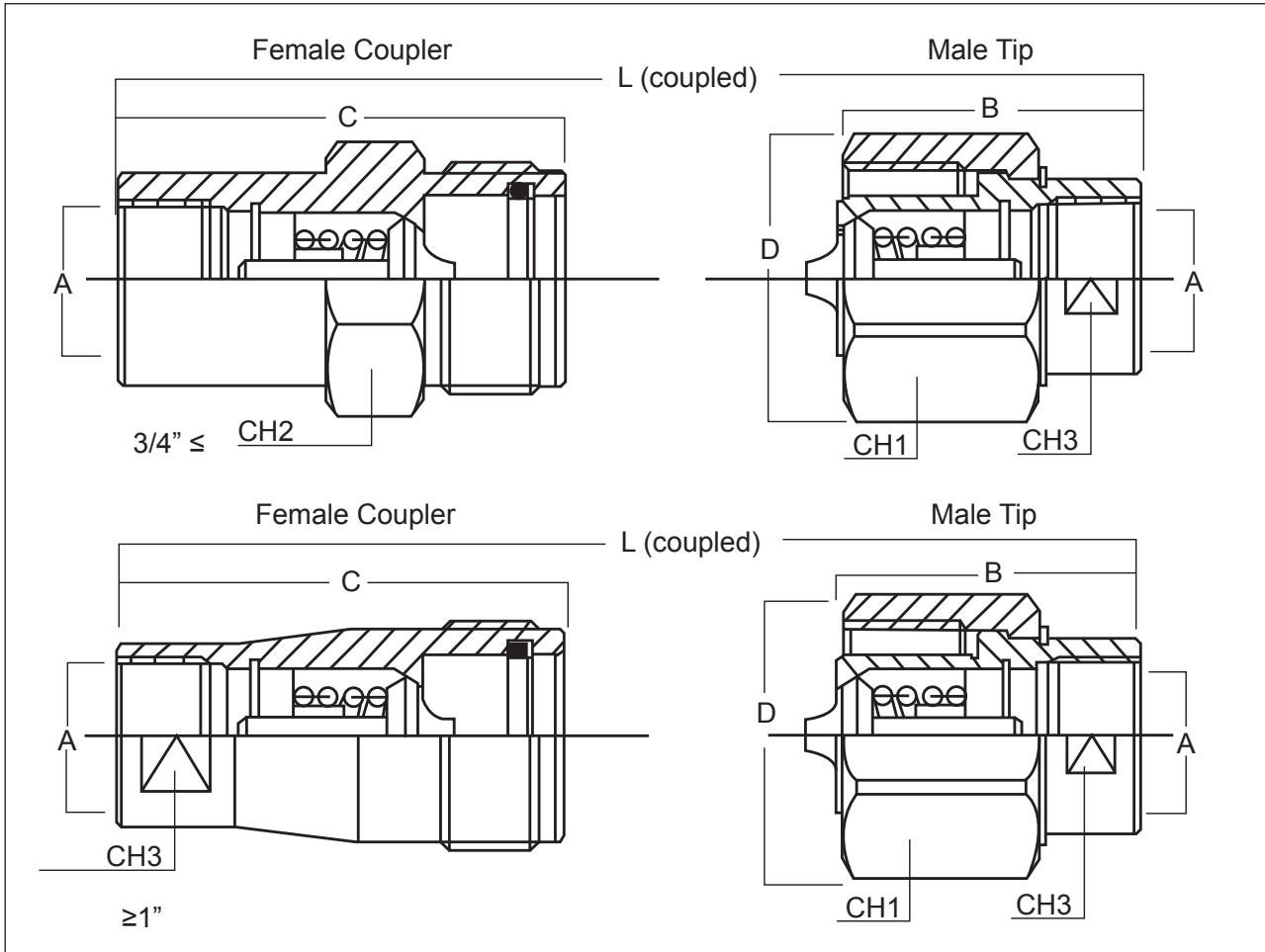
# Series S

## Quick Disconnect Couplings



### Series S

Series S is a screw to connect coupling range available in sizes from 1/4" to 2-1/2". This series is used in heavy duty hydraulic and industrial applications in presence of high pressure, vibrations and mechanical stress.

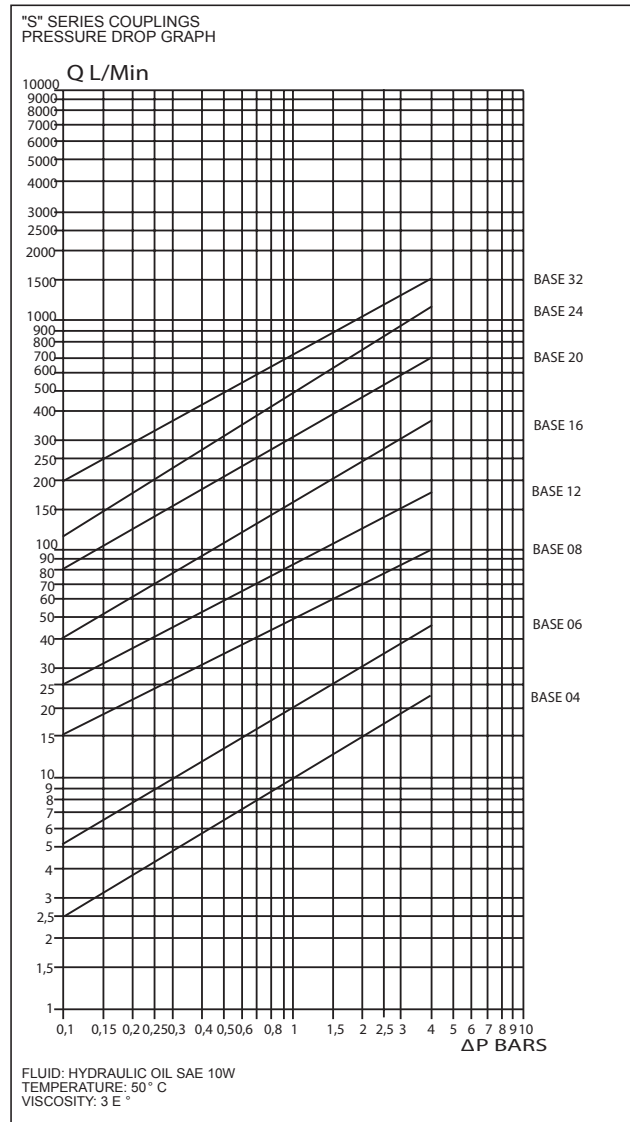


### Dimensions

| Size Base | Ø DN | Code     |                | Ø A        | B  | C   | Ø D | L   | CH 1 | CH 2 | CH 3 |
|-----------|------|----------|----------------|------------|----|-----|-----|-----|------|------|------|
|           | mm   | Male Tip | Female Coupler |            | mm | mm  | mm  | mm  | mm   | mm   | mm   |
| 04        | 6    | SM1004   | SF1004         | 1/4" BSP   | 36 | 50  | 31  | 69  | 28   | 24   | 16   |
| 06        | 10   | SM1006   | SF1006         | 3/8" BSP   | 42 | 57  | 38  | 82  | 34   | 30   | 20   |
| 08        | 12   | SM1008   | SF1008         | 1/2" BSP   | 55 | 75  | 47  | 100 | 42   | 38   | 27   |
| 12        | 20   | SM1012   | SF1012         | 3/4" BSP   | 61 | 90  | 56  | 114 | 50   | 42   | 30   |
| 16        | 25   | SM1016   | SF1016         | 1" BSP     | 61 | 88  | 67  | 120 | 60   | -    | 40   |
| 20        | 32   | SM1020   | SF1020         | 1-1/4" BSP | 70 | 105 | 79  | 140 | 70   | -    | 48   |
| 24        | 38   | SM1024   | SF1024         | 1-1/2" BSP | 70 | 105 | 90  | 140 | 80   | -    | 52   |
| 32        | 50   | SM1032   | SF1032         | 2" BSP     | 86 | 130 | 128 | 173 | 120  | -    | 80   |
| 40        | 63   | SM1040   | SF1040         | 2-1/2" BSP | 86 | 130 | 128 | 173 | 120  | -    | 85   |

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## Performance Data

| Size Base | Ø DN |        | Max. Working Pressure |      | Burst Pressure |       | Weight Kg |                |
|-----------|------|--------|-----------------------|------|----------------|-------|-----------|----------------|
|           | mm   | inch   | bar                   | psi  | bar            | psi   | Male Tip  | Female Coupler |
| 04        | 6    | 1/4"   | 500                   | 7250 | 2000           | 29000 | 0.080     | 0.100          |
| 06        | 10   | 3/8"   | 450                   | 6525 | 1800           | 26100 | 0.150     | 0.180          |
| 08        | 12   | 1/2"   | 400                   | 5800 | 1600           | 23200 | 0.260     | 0.392          |
| 12        | 20   | 3/4"   | 350                   | 5075 | 1400           | 20300 | 0.370     | 0.550          |
| 16        | 25   | 1"     | 300                   | 4350 | 1200           | 17400 | 0.660     | 0.700          |
| 20        | 32   | 1-1/4" | 250                   | 3625 | 1000           | 14500 | 1.000     | 1.030          |
| 24        | 38   | 1-1/2" | 220                   | 3190 | 880            | 12760 | 1.350     | 1.200          |
| 32        | 50   | 2"     | 150                   | 2175 | 600            | 8700  | 4.100     | 3.630          |
| 40        | 63   | 2-1/2" | 120                   | 1740 | 480            | 6960  | 3.640     | 3.300          |

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### Accessories

| Part Number<br>(Complete<br>Coupler) | Seal Kit | Dust Cap<br>(Protects Tip) | Dust Plug<br>(Protects Body) | Colour |
|--------------------------------------|----------|----------------------------|------------------------------|--------|
| SC1004                               | SCSK1004 | TSM04                      | TSF04                        |        |
| SC1006                               | SCSK1006 | TSM06                      | TSF06                        |        |
| SC1008                               | SCSK1008 | TSM08                      | TSF08                        |        |
| SC1012                               | SCSK1012 | TSM12                      | TSF12                        |        |
| SC1016                               | SCSK1016 | TSM16                      | TSF16                        |        |
| SC1020                               | SCSK1020 | TSM20                      | TSF20                        |        |
| SC1024                               | SCSK1024 | TSM24                      | TSF24                        |        |
| SC1032                               | SCSK1032 | TSM32                      | TSF32                        |        |
| SC1040                               | SCSK1040 | TSM40                      | TSF40                        |        |

### Replacement Seal Kits

Replacement seal kits are available for most models. Leakage between the female body half (coupling) and the male tip half (nipple) is an indication that the body o-ring needs replacement.



### Dust Caps & Dust Plugs

Protective dust caps and dust plugs are available in rubber in a variety of sizes. They should be used whenever possible to help reduce contamination of the hydraulic system and improve service life of the body half (coupling) and the mating tip half (nipple).

