

**FORGED STEEL COUPLING SW ANSI B16.11**

Material steel A105  
Pressure 3000 LBS

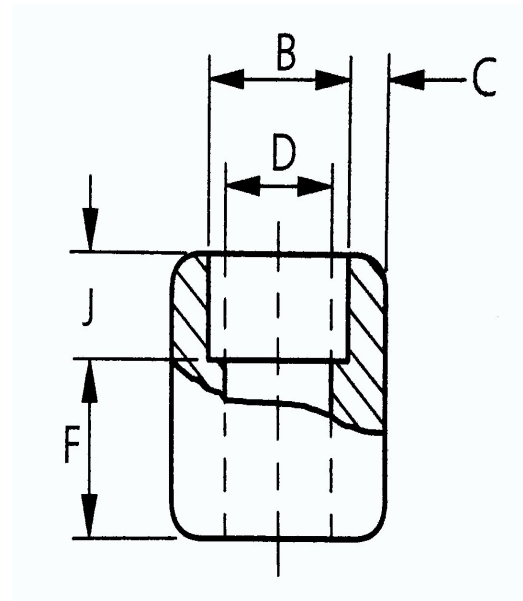
**TECHNICAL DESCRIPTION**

Forged steel couplings are connecting elements that allow the connection of tubular elements (pipes) of the same or different diameters. They join two pipes in a straight joint.

In practice, we consider two types of couplings:

- with the same cross-section at the inlet and outlet
- with a reduced cross-section at one of the outlets

**Dimensions:** 1/2" - 2"



| No. | DETAILS | MATERIALS                       |
|-----|---------|---------------------------------|
| 1   | Muff    | steel A105                      |
|     |         | other steels - on request       |
|     |         | stainless steels - upon request |

| SPECIFICATION |                     |
|---------------|---------------------|
| Standard      | ANSI B16.11         |
| Pressure      | 3000 LBS (200 Bars) |

**FORGED STEEL COUPLING SW ANSI B16.11**

Material

steel A105

Pressure

3000 LBS

| dimensions (mm) |           |                                  |                  |                             |                               |          |      |
|-----------------|-----------|----------------------------------|------------------|-----------------------------|-------------------------------|----------|------|
| DN              | D nominal | B* diameter of the welded socket | D* cross section | C wall of the welded socket | J minimum depth of the socket | E length | kg   |
| 15              | 1/2"      | 22.2 - 21.8                      | 16.6 - 15        | 4.67                        | 9.50                          | 9.5      | 0.14 |
| 20              | 3/4"      | 27.6 - 27.2                      | 21.7 - 20.2      | 4.90                        | 12.50                         | 9.5      | 0.17 |
| 25              | 1"        | 34.3 - 33.9                      | 27.4 - 25.9      | 5.69                        | 12.50                         | 12.5     | 0.27 |
| 32              | 1 1/4"    | 43.1 - 42.7                      | 35.8 - 34.4      | 6.07                        | 12.50                         | 12.5     |      |
| 40              | 1 1/2"    | 49.2 - 48.8                      | 41.6 - 40.1      | 6.35                        | 12.50                         | 12.5     | 0.60 |
| 50              | 2"        | 61.7 - 61.2                      | 53.3 - 51.7      | 6.93                        | 16.00                         | 19.0     |      |

\*) tolerances - respectively minimum and maximum values of dimensions according to ANSI B16.11