

## 6012SFIW21MXN Plug with female thread

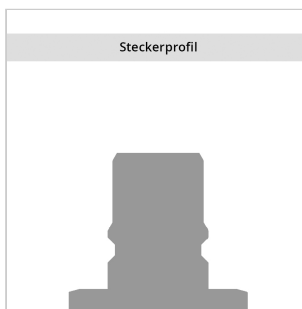
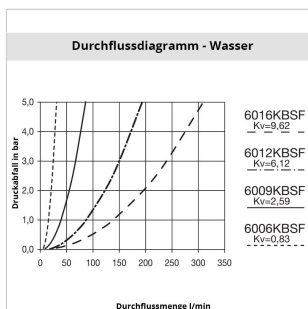
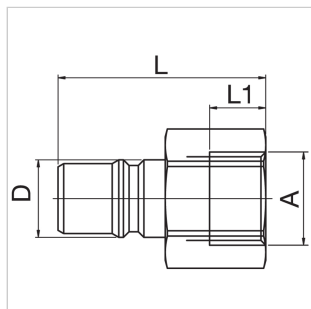
Plug straight-through, female thread G 1/2, nominal diameter 12, <20 bar, brass nickel plated



### Product description

This range of couplings was constructed with valves as an alternative to the French profiles. All four nominal diameters in our Frenchmatic I range are available with single and double shut-off.

### More images



**Product properties**

|                                                 |                                                                                                                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shut-off</b>                                 | Plug Straight-Through                                                                                                                                                   |
| <b>Connection</b>                               | Female thread 1/2"                                                                                                                                                      |
| <b>Connection description</b>                   | Female pipe thread of Whitworth form ISO 228 1/2"                                                                                                                       |
| <b>Connection type</b>                          | Female thread                                                                                                                                                           |
| <b>Suitable breath / respiratory protection</b> | No                                                                                                                                                                      |
| <b>Seal</b>                                     | Without Seal                                                                                                                                                            |
| <b>Working pressure</b>                         | PB = 20 bar, maximum static working pressure with safety factor of 4 to 1.                                                                                              |
| <b>Pressure eliminator</b>                      | No                                                                                                                                                                      |
| <b>Single-hand operation</b>                    | Yes                                                                                                                                                                     |
| <b>Self-venting coupling</b>                    | No                                                                                                                                                                      |
| <b>Flat-sealing</b>                             | No                                                                                                                                                                      |
| <b>Mould coupling</b>                           | Yes                                                                                                                                                                     |
| <b>Weight in kg</b>                             | 0,0823                                                                                                                                                                  |
| <b>Hydraulics</b>                               | No                                                                                                                                                                      |
| <b>Ball locking</b>                             | No                                                                                                                                                                      |
| <b>Material</b>                                 | Brass nickel plated                                                                                                                                                     |
| <b>Material description</b>                     | Brass CuZn39Pb3 2.0401 (except sleeve)                                                                                                                                  |
| <b>Bore area in mm<sup>2</sup></b>              | 115                                                                                                                                                                     |
| <b>Bore in mm</b>                               | 12                                                                                                                                                                      |
| <b>Surface</b>                                  | nickel plated                                                                                                                                                           |
| <b>Pneumatics</b>                               | No                                                                                                                                                                      |
| <b>Professional recommendation</b>              | Cooling Injection Moulds                                                                                                                                                |
| <b>Series</b>                                   | 6012                                                                                                                                                                    |
| <b>Series long</b>                              | 6012SF                                                                                                                                                                  |
| <b>Safety locking system</b>                    | No                                                                                                                                                                      |
| <b>Standard product</b>                         | No                                                                                                                                                                      |
| <b>Pin lock</b>                                 | No                                                                                                                                                                      |
| <b>Working temperature</b>                      | -15°C up to +200°C (FKM) depending on the medium                                                                                                                        |
| <b>Ultra-FLO-valve</b>                          | No                                                                                                                                                                      |
| <b>Vacuum suitable</b>                          | Yes                                                                                                                                                                     |
| <b>Advantages</b>                               | The locking balls guarantee an optimum hold by the insert connection even with forces acting from the side.<br>Optimum flow rate with absolute minimal flow resistance. |
| <b>Water-resistant</b>                          | Yes                                                                                                                                                                     |
| <b>Two-hand operation</b>                       | No                                                                                                                                                                      |

**Dimensions**

|                     |       |
|---------------------|-------|
| <b>Connection A</b> | G 1/2 |
| <b>D mm</b>         | 17,8  |
| <b>L mm</b>         | 45    |
| <b>L1 mm</b>        | 12    |
| <b>SW mm</b>        | 27    |