

***Media:**

These spradow test couplings are designed for nitrogen and other inert gases.

Application:

Spradow nitrogen test couplings are applied for the monitoring and control pressure as well as the ventilation. The advantages of this system are – among other – connection at system pressure level, the easy connection to measurement control and switching devices, the leakproof connection and the integrated vibration security of the metal cap.

Usage as filling valve:

Initial pressure 3 bar; increase slowly up to the maximum filling pressure of 320 bar.

Materials:

Metal parts: Steel, Stainless steel upon request
Seals: material 1 (-20 °C to +100 °C) - standard
material 2 (-47 °C to +100 °C)
Hose: Polyamide (-35 °C to +100 °C)

Surface:

CrVI-free.

Pressure:

Maximum working pressure (PN) of the test couplings - 630 bar at 4-fold security. Connection under pressure up to 400 bar. For the union pieces please observe the instructions given by the corresponding producer.



design types of caps

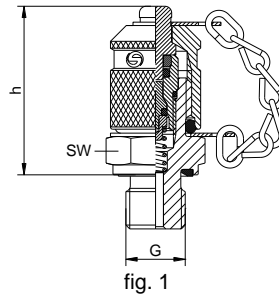
type B (round)	type A (universal)	type A (universal) plastic
standard: incl. vibration security		(temperature range -20°C to +100°C)

port connection and seals

type 1	type 2	type 3	type 4	type 5	type 6
Design types of port connection and seals please see annex.					

Other dimensions on request. We reserve the right to change the technical performance. All dimensions in mm.

test coupling
series M16x2 – GAS for arctic temperature



G	PN	SW	h	fig.	sealing	part number
<i>for arctic temperature use (sealings material 2; metal parts stainless steel 1.4305)</i>						
M8x1	250	17	38	1	o-ring type 1	upon request
M10x1	630	17	38	1	o-ring type 1	upon request
M10x1	400	17	39	1	soft sealing type 3	upon request
M10x1,25		17	38	1	o-ring type 1	upon request
M10x1,25		17	38	1	soft sealing type 3	upon request
M12x1,5	630	17	39	1	soft sealing type 3	upon request
M14x1,5	630	19	37	1	soft sealing type 3	upon request
M14x1,5	630	19	38	1	o-ring type 5	upon request
M16x1,5	630	22	37	1	soft sealing type 3	upon request
M18x1,5		24	39	1	soft sealing type 3	upon request
M20x1,5		27	39	1	soft sealing type 3	upon request
M22x1,5		27	39	1	soft sealing type 3	upon request
G 1/8	400	17	39	1	soft sealing type 3	upon request
G 1/4	630	19	37	1	soft sealing type 3	1-T12-29-23-660-05 ¹
G 3/8	630	22	37	1	soft sealing type 3	upon request
G 1/2	630	27	39	1	soft sealing type 3	upon request
5/16-24 UNF	400	17	38	1	o-ring type 5	upon request
7/16-20 UNF	630	17	38	1	o-ring type 5	upon request
1/2-20 UNF	630	17	38	1	o-ring type 5	upon request
9/16-18 UNF	630	19	38	1	o-ring type 5	upon request
3/4-16 UNF	630	27	40	1	o-ring type 5	upon request

¹Sealing element is an o-ring

For metal cap type A (universal) with vibration security replace 600 by	650
For metal cap type B (round) without vibration security replace 600 by	080
For metal cap type A (universal) without vibration security replace 600 by	070
For yellow plastic cap type A (universal) without vibration security replace 600 by	100