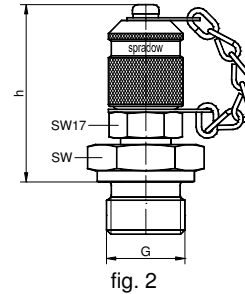
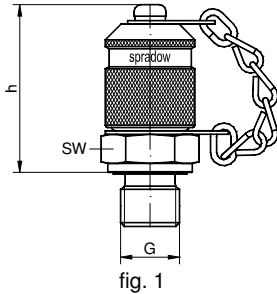


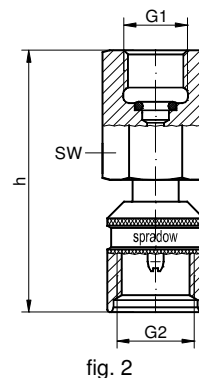
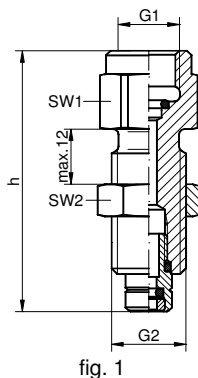
# stainless steel M16x2-piston design

**test coupling - stainless steel**  
**series: M16x2 - piston design**  
**sealings: FKM**



G	SW	h	fig.	sealing	main parts	part number
M10x1	17	37	1	o-ring type 1	1.4571	1-912-22-22-660
M12x1,5	17	37	1	soft sealing type 3	1.4571	1-912-23-12-660
M14x1,5	19	37	1	soft sealing type 3	1.4571	1-912-24-12-660
G 1/8	17	39	1	soft sealing type 3	1.4571	1-912-28-12-660
G 1/4	19	37	1	metallic sealing type 2	1.4571	1-912-29-32-660
G 1/4	19	37	1	soft sealing type 3	1.4571	1-912-29-12-660
G 3/8	22	37	1	soft sealing type 3	1.4571	1-912-30-12-660
G 1/2	27	47	2	metallic sealing type 2	1.4571	1-917-31-32-660
G 1/2	27	47	2	soft sealing type 3	1.4571	1-917-31-12-660
R 1/8 taper	17	35	1	thread type 4	1.4571	1-912-33-02-660
R 1/4 taper	19	35	1	thread type 4	1.4571	1-912-34-02-660
9/16-18 UNF	19	38	1	o-ring type 5	1.4571	1-912-40-32-660
1/8 NPT	17	36	1	thread type 4	1.4571	1-912-43-02-660
1/4 NPT	19	35	1	thread type 4	1.4571	1-912-44-02-660
metal cap type A (universal) with vibration security						1-912-xx-x2-650
metal cap type B (round) <b>without vibration security</b>						1-912-xx-x2-080
metal cap type A (universal) <b>without vibration security</b>						1-912-xx-x2-070
plastic cap type A (universal) <b>yellow without vibration security</b>						1-912-xx-x2-100

**pressure gauge connector / direct pressure gauge connector**  
**series: M16x2**



G1	SW	h	Abb.	G2	sealing	main parts	part number
G 1/4	19	57	1	M16x2	o-ring	1.4571	1-939-29-22-240
G 1/2	27	67	1	M16x2	o-ring	1.4571	1-939-31-22-240
G 1/4	19	54	2	M16x2	o-ring	1.4305	1-940-29-22-080
G 1/2	27	58	2	M16x2	o-ring	1.4305	1-940-31-22-080

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

# stainless steel M16x2-piston design

fitting with test coupling - stainless steel  
 series: M16x2 - piston design  
 sealings: FKM

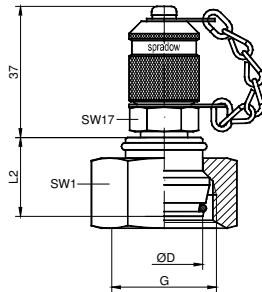


fig. 1  
**type DKO**  
 test coupling  
 with 24° taper adapter

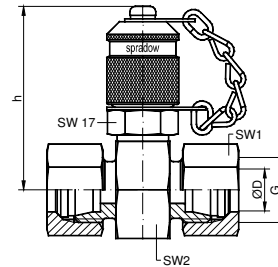


fig. 2  
**type GE**  
 test coupling  
 with straight coupling

type	PN	tube Ø	G	material main parts	type DKO part number	fig.	type GE part number	fig.
L	315	6	M12x1,5	1.4571	1-914-00-00-660	1	1-916-00-00-660	2
		8	M14x1,5	1.4571	1-914-02-00-660	1	1-916-02-00-660	2
		10	M16x1,5	1.4571	1-914-04-00-660	1	1-916-04-00-660	2
		12	M18x1,5	1.4571	1-914-06-00-660	1	1-916-06-00-660	2
		15	M22x1,5	1.4571	1-914-09-00-660	1	1-916-09-00-660	2
		18	M26x1,5	1.4571	1-914-11-00-660	1	1-916-11-00-660	2
	160	22	M30x2	1.4571	1-914-13-00-660	1	1-916-13-00-660	2
		28	M36x2	1.4571	1-914-15-00-660	1	1-916-15-00-660	2
		35	M45x2	1.4571	1-914-17-00-660	1	1-916-17-00-660	2
		42	M52x2	1.4571	1-914-19-00-660	1	1-916-19-00-660	2
S	630	6	M14x1,5	1.4571	1-914-01-00-660	1	1-916-01-00-660	2
		8	M16x1,5	1.4571	1-914-03-00-660	1	1-916-03-00-660	2
		10	M18x1,5	1.4571	1-914-05-00-660	1	1-916-05-00-660	2
		12	M20x1,5	1.4571	1-914-07-00-660	1	1-916-07-00-660	2
		14	M22x1,5	1.4571	1-914-08-00-660	1	1-916-08-00-660	2
		16	M24x1,5	1.4571	1-914-10-00-660	1	1-916-10-00-660	2
	400	20	M30x2	1.4571	1-914-12-00-660	1	1-916-12-00-660	2
		25	M36x2	1.4571	1-914-14-00-660	1	1-916-14-00-660	2
		30	M42x2	1.4571	1-914-16-00-660	1	1-916-16-00-660	2
		315	38	M52x2	1.4571	1-914-18-00-660	1	1-916-18-00-660
metal cap type A (universal) with vibration security					1-914-xx-00-650		1-916-xx-00-650	
metal cap type B (round) <b>without vibration security</b>					1-914-xx-00-080		1-916-xx-00-080	
metal cap type A (universal) <b>without vibration security</b>					1-914-xx-00-070		1-916-xx-00-070	
plastic cap type A (universal) <b>yellow without vibration security</b>					1-914-xx-00-100		1-916-xx-00-100	

# stainless steel M16x2-piston design

**high pressure hose - stainless steel**  
**series: M16x2**  
**sealings: FKM**

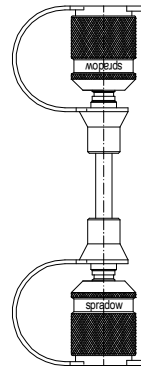
Max. working pressure  
630 bar

Test hose:  
Nominal bore 2mm  
Min. bend radius:  
20 mm

Pressure / t° factor:  
at 20°C 100%  
at 40°C 95%  
at 60°C 90%  
at 80°C 80%  
at 100°C 70%

**Hose construction**

Hose core and cover:  
PA  
Reinforcement:  
synthetic fibre  
bursting pressure:  
1900 bar

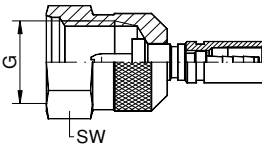
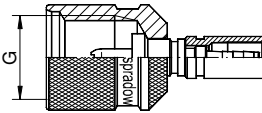
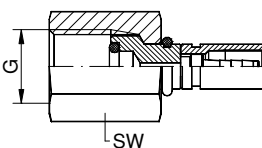


series: M16x2

series: M16x2	length L <sup>1)</sup> acc. DIN 20066	with cap type B	with cap type A	material connector
	200 mm	1-971-07-07-010	1-971-06-06-010	1.4305
	400 mm	1-971-07-07-040	1-971-06-06-040	1.4305
	630 mm	1-971-07-07-060	1-971-06-06-060	1.4305
	800 mm	1-971-07-07-080	1-971-06-06-080	1.4305
	1000 mm	1-971-07-07-090	1-971-06-06-090	1.4305
	1500 mm	1-971-07-07-100	1-971-06-06-100	1.4305
	2000 mm	1-971-07-07-110	1-971-06-06-110	1.4305
	2500 mm	1-971-07-07-120	1-971-06-06-120	1.4305
	3200 mm	1-971-07-07-130	1-971-06-06-130	1.4305
	4000 mm	1-971-07-07-140	1-971-06-06-140	1.4305

<sup>1)</sup> Other length on request

## single parts for hoses

view	No.	G	SW	DN	part number	description
	06	M16x2	19	2	2-970-06-00-001	connector for test coupling metal cap type A (universal) incl. ferrule material: 1.4305 (1.4571 upon request)
	07	M16x2		2	2-970-07-00-001	connector for test coupling metal cap type B (round) incl. ferrule material: 1.4305 (1.4571 upon request)
	52	G 1/4	17	2	2-970-52-00-004	pressure gauge connector with Whitworth - thread sealing to pressure gauge by o-ring incl. ferrule material: 1.4305 (1.4571 upon request)

## hose

No.	pressure	note	DN	part number	
71	630 bar		2	9-946-02-00-020	
75	630 bar	pricked	2	9-946-02-01-020	hose

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