

Technical information

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, Δp = 1 bar / 15 psi		Q [m³/h] air 6 bar abs / 87 psia, 20 °C, Δp = 1 bar / 15 psi		p max. permissible static [bar / psi]	
	EA	BA	EA	BA	EA	BA	Brass	Stainless steel
							coupled	coupled
6	1.10	0.77	15.71	11.00	55.67	38.97	40 / 580	40 / 580
7	1.40	1.07	19.99	15.28	70.85	54.15	40 / 580	40 / 580
12	4.34	3.25	61.98	46.41	219.63	164.47	30 / 435	30 / 435
19	11.20	8.20	159.95	117.10	566.80	414.98	30 / 435	30 / 435
32	29.40	23.80	419.86	339.89	1,487.84	1,204.44	30 / 435	30 / 435

One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

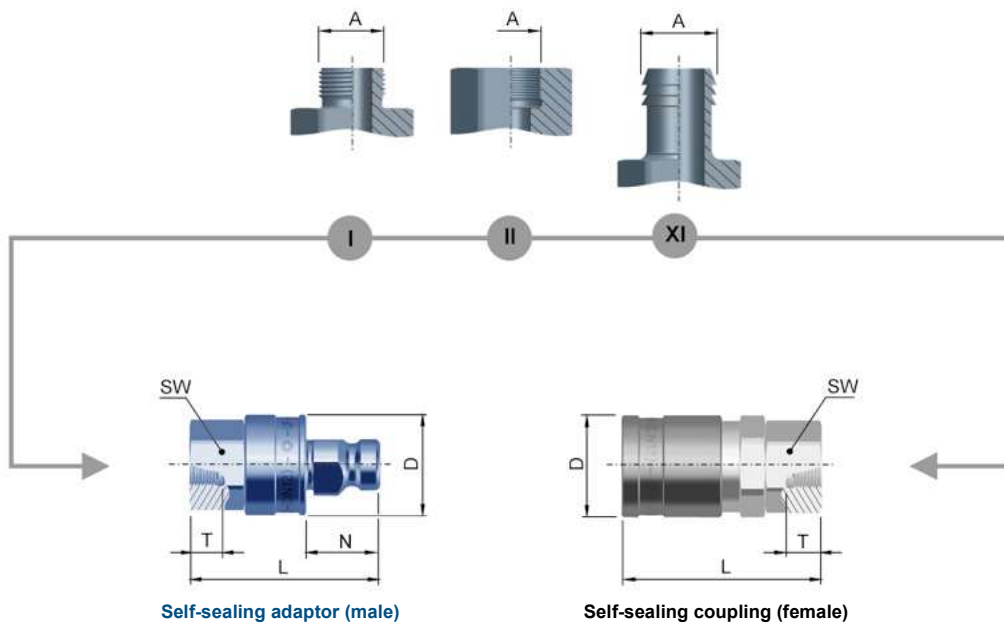
The maximum permissible operating pressures specified here (p max. permissible static) for the quick coupling systems apply exclusively to the materials stated by us and operation with Group II media according to Directive 2014/68/EU. The use of optional materials, other media (especially media from Group I) or other temperature ranges can lead to deviating maximum permissible operating pressures and must be requested separately at your supplier or directly at WALTHER-PRÄZISION.

Please note that both the maximum permissible operating pressure of the quick coupling system and the maximum permissible operating pressure of the connection must be considered in determining the plant operating pressure. Our safety instructions must be followed. You can find the safety instructions on page 22 of this catalogue.

If you have additional questions or need further information, please consult either your supplier or WALTHER-PRÄZISION directly.

◀◀ To view the performance diagram please click here.

To view the connection description ▶▶▶ please click here.





Product design features

Intended use: Non-interchangeable low pressure quick coupling system for a wide range of applications, for the transmission of fluid or gaseous media in an industrial / commercial environment.

Properties	Materials	Seals	Additional options
Non-interchangeable versions (mechanical coding)	01 = Stainless steel 1.4404/1.4571 or similar 21 = Brass passivated 22 = Brass chrome plated Optional 24 = Brass chemically nickel plated	1 = NBR 2 = FKM 4 = EPDM Optional FFKM to nb 12	DR = With triangular fitting FD = FDA-konform FF = Oil- and grease-free GG = With ring grips Ø 190 (aluminium cast) OV = Without valve TA = in line with TA-Luft SI = Additional axial safety locking device VI = With square fitting More on request (see pages 19-20)

UF-006: SI – Outside diameter 29 mm

UF-012: SI – Outside diameter 44 mm

UF-032: SI – Outside diameter 89 mm

UF-007: SI – Outside diameter 34 mm

UF-019: SI – Outside diameter 62 mm

Special closures on request.

Note: The additional feature DR or VI is an integral component of the part number and must be specified!

Attention: GG and SI cannot be combined = Special version - please enquire

Self-sealing coupling + OV: Product type \triangleq Thru-type coupling; Self-sealing adaptor + OV: Product type \triangleq Thru-type adaptor

Order number configuration

UF-006-0-SL006-Werkstoff-Dichtung-DR/VI-Zusatzausstattung-Y../-Z..



Product chart

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
6	Self-sealing coupling (female)	6 mm	XI	4	19	25	25	72		120	UF-006-0-SL006-...-
6	Self-sealing coupling (female)	9 mm	XI		19	30	25	77		120	UF-006-0-SL009-...-
6	Self-sealing coupling (female)	11 mm	XI		19	30	25	77		130	UF-006-0-SL011-...-
6	Self-sealing coupling (female)	13 mm	XI		19	30	25	77		140	UF-006-0-SL013-...-

NB - Nominal bore [mm] **A** - Connection **SW** - Wrench size [mm] **T** - Thread length [mm] **D** - Diameter [mm] **L** - Length [mm] **N** - Adaptor length [mm] **Weight** [g]

Product chart

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
6	Self-sealing coupling (female)	BSPP 1/4"	I		19	11	25	58		120	UF-006-0-WR013-...
6	Self-sealing coupling (female)	BSPP 3/8"	I		19	12	25	59		130	UF-006-0-WR017-...
6	Self-sealing coupling (female)	BSPP 1/2"	I		22	15	25	62		150	UF-006-0-WR021-...
6	Self-sealing coupling (female)	BSPP 1/4"	II		19	13	25	57		120	UF-006-0-WR513-...
6	Self-sealing coupling (female)	BSPP 3/8"	II		22	14	25	58		130	UF-006-0-WR517-...
6	Thru-type adaptor (male)	6 mm	XI	4		25	16	50,5	21,1	22	UF-006-1-SL006-..
6	Thru-type adaptor (male)	9 mm	XI			30	16	54,5	21,1	27	UF-006-1-SL009-..
6	Thru-type adaptor (male)	11 mm	XI			30	16	54,5	21,1	35	UF-006-1-SL011-..
6	Thru-type adaptor (male)	BSPP 1/4"	I		17	11	18,9	38,5	21,1	29	UF-006-1-WR013-..
6	Thru-type adaptor (male)	BSPP 3/8"	I		19	12	21	39,5	21,1	41	UF-006-1-WR017-..
6	Thru-type adaptor (male)	BSPP 1/4"	II		17	14	18,9	39,5	21,1	38	UF-006-1-WR513-..
6	Self-sealing adaptor (male)	6 mm	XI	4	19	25	25	70	20,1	85	UF-006-2-SL006-...-
6	Self-sealing adaptor (male)	9 mm	XI		19	30	25	75	20,1	90	UF-006-2-SL009-...-
6	Self-sealing adaptor (male)	11 mm	XI		19	30	25	75	20,1	95	UF-006-2-SL011-...-
6	Self-sealing adaptor (male)	13 mm	XI		19	30	25	75	20,1	110	UF-006-2-SL013-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	I		19	11	25	56	20,1	90	UF-006-2-WR013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	I		19	12	25	57	20,1	100	UF-006-2-WR017-...-
6	Self-sealing adaptor (male)	BSPP 1/2"	I		22	15	25	60	20,1	120	UF-006-2-WR021-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	II		19	13	25	55	20,1	95	UF-006-2-WR513-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	II		22	14	25	56	20,1	100	UF-006-2-WR517-...-
7	Self-sealing coupling (female)	9 mm	XI	6	24	30	30	86		210	UF-007-0-SL009-...-
7	Self-sealing coupling (female)	11 mm	XI		24	30	30	86		210	UF-007-0-SL011-...-

NB - Nominal bore [mm] A - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]


Product chart

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
7	Self-sealing coupling (female)	13 mm	XI		24	30	30	86		220	UF-007-0-SL013-...-
7	Self-sealing coupling (female)	BSPP 3/8"	I		24	12	30	68		210	UF-007-0-WR017-...-
7	Self-sealing coupling (female)	BSPP 1/2"	I		24	15	30	71		230	UF-007-0-WR021-...-
7	Self-sealing coupling (female)	BSPP 3/8"	II		24	14	30	68		230	UF-007-0-WR517-...-
7	Self-sealing coupling (female)	BSPP 1/2"	II		27	17	30	71		240	UF-007-0-WR521-...-
7	Thru-type adaptor (male)	9 mm	XI	6		30	18	58.5	24.5	35	UF-007-1-SL009-..
7	Thru-type adaptor (male)	11 mm	XI			30	18	58.5	24.5	42	UF-007-1-SL011-..
7	Thru-type adaptor (male)	13 mm	XI			30	18	58.5	24.5	53	UF-007-1-SL013-..
7	Thru-type adaptor (male)	BSPP 3/8"	I		19	12	21	45	24.5	62	UF-007-1-WR017-..
7	Thru-type adaptor (male)	BSPP 3/8"	II		22	14	24	44	24.5	69	UF-007-1-WR517-..
7	Self-sealing adaptor (male)	9 mm	XI	6	24	30	30	85.5	23.5	170	UF-007-2-SL009-...-
7	Self-sealing adaptor (male)	11 mm	XI		24	30	30	85.5	23.5	170	UF-007-2-SL011-...-
7	Self-sealing adaptor (male)	13 mm	XI		24	30	30	85.5	23.5	180	UF-007-2-SL013-...-
7	Self-sealing adaptor (male)	BSPP 3/8"	I		24	12	30	67.5	23.5	170	UF-007-2-WR017-...-
7	Self-sealing adaptor (male)	BSPP 1/2"	I		24	15	30	70.5	23.5	190	UF-007-2-WR021-...-
7	Self-sealing adaptor (male)	BSPP 3/8"	II		24	14	30	67.5	23.5	180	UF-007-2-WR517-...-
7	Self-sealing adaptor (male)	BSPP 1/2"	II		27	17	30	70.5	23,5	200	UF-007-2-WR521-...-
12	Self-sealing coupling (female)	16 mm	XI		32	35	40	102		435	UF-012-0-SL016-...-
12	Self-sealing coupling (female)	19 mm	XI		32	35	40	102		468	UF-012-0-SL019-...-
12	Self-sealing coupling (female)	BSPP 1/2"	I		32	15	40	82		420	UF-012-0-WR021-...-
12	Self-sealing coupling (female)	BSPP 3/4"	I		32	17	40	84		466	UF-012-0-WR026-...-
12	Self-sealing coupling (female)	BSPP 1"	I		32	20	40	88		546	UF-012-0-WR033-...-

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Product chart

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
12	Self-sealing coupling (female)	BSPP 1/2"	II		32	17	40	81		450	UF-012-0-WR521-...
12	Self-sealing coupling (female)	BSPP 3/4"	II		32	19	40	83		475	UF-012-0-WR526-...
12	Thru-type adaptor (male)	16 mm	XI			35	25	70.5	31.5	104	UF-012-1-SL016-..
12	Thru-type adaptor (male)	BSPP 1/2"	I		27	15	30	54.5	31.5	131	UF-012-1-WR021-..
12	Thru-type adaptor (male)	BSPP 1/2"	II		30	17	33.5	54.5	31.5	183	UF-012-1-WR521-..
12	Self-sealing adaptor (male)	16 mm	XI		32	35	40	100	29.5	328	UF-012-2-SL016-...
12	Self-sealing adaptor (male)	19 mm	XI		32	35	40	100	29.5	361	UF-012-2-SL019-...
12	Self-sealing adaptor (male)	BSPP 1/2"	I		32	15	40	80	29.5	312	UF-012-2-WR021-...
12	Self-sealing adaptor (male)	BSPP 3/4"	I		32	17	40	82	29.5	359	UF-012-2-WR026-...
12	Self-sealing adaptor (male)	BSPP 1"	I		36	20	40	86	29.5	440	UF-012-2-WR033-...
12	Self-sealing adaptor (male)	BSPP 1/2"	II		32	17	40	79	29.5	344	UF-012-2-WR521-...
12	Self-sealing adaptor (male)	BSPP 3/4"	II		32	19	40	81	29.5	375	UF-012-2-WR526-...
19	Self-sealing coupling (female)	19 mm	XI	13	46	35	60	118		1,110	UF-019-0-SL019-...
19	Self-sealing coupling (female)	25 mm	XI		46	40	60	123		1,170	UF-019-0-SL025-...
19	Self-sealing coupling (female)	28 mm	XI		46	45	60	128		1,200	UF-019-0-SL028-...
19	Self-sealing coupling (female)	BSPP 3/4"	I		46	17	60	100		1,080	UF-019-0-WR026-...
19	Self-sealing coupling (female)	BSPP 1"	I		46	20	60	103		1,110	UF-019-0-WR033-...
19	Self-sealing coupling (female)	BSPP 3/4"	II		46	19	60	94		1,130	UF-019-0-WR526-...
19	Self-sealing coupling (female)	BSPP 1"	II		46	23	60	98		1,120	UF-019-0-WR533-...
19	Thru-type adaptor (male)	25 mm	XI			40	38	83	34.5	289	UF-019-1-SL025-..
19	Thru-type adaptor (male)	BSPP 3/4"	I		41	17	45.5	61.5	34.5	320	UF-019-1-WR026-..
19	Thru-type adaptor (male)	BSPP 1"	II		41	23	45.5	63.5	34.5	365	UF-019-1-WR533-..

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Product chart

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
19	Self-sealing adaptor (male)	19 mm"	XI	13	46	35	54	114	32.5	790	UF-019-2-SL019-...-
19	Self-sealing adaptor (male)	25 mm"	XI		46	40	54	119	32.5	860	UF-019-2-SL025-...-
19	Self-sealing adaptor (male)	28 mm"	XI		46	45	54	124	32.5	890	UF-019-2-SL028-...-
19	Self-sealing adaptor (male)	BSPP 3/4"	I		46	17	54	96	32.5	760	UF-019-2-WR026-...-
19	Self-sealing adaptor (male)	BSPP 1"	I		46	20	54	99	32.5	790	UF-019-2-WR033-...-
19	Self-sealing adaptor (male)	BSPP 3/4"	II		46	19	54	90	32.5	810	UF-019-2-WR526-...-
19	Self-sealing adaptor (male)	BSPP 1"	II		46	23	54	94	32.5	800	UF-019-2-WR533-...-
32	Self-sealing coupling (female)	42 mm	XI		75	61	82	178		3,460	UF-032-0-SL042-...-
32	Self-sealing coupling (female)	53 mm	XI		75	70	82	182		3,840	UF-032-0-SL053-...-
32	Self-sealing coupling (female)	BSPP 1 1/2"	I		75	22	82	139		3,290	UF-032-0-WR048-...-
32	Self-sealing coupling (female)	BSPP 2"	I		75	26	82	143		3,510	UF-032-0-WR060-...-
32	Self-sealing coupling (female)	BSPP 1 1/2"	II		75	25	82	126		3,280	UF-032-0-WR548-...-
32	Self-sealing coupling (female)	BSPP 2"	II		75	29	82	130		3,130	UF-032-0-WR560-...-
32	Thru-type adaptor (male)	42 mm	XI			61	60	108	39	730	UF-032-1-SL042-..
32	Thru-type adaptor (male)	BSPP 1 1/2"	I		55	22	61.3	74.5	39	680	UF-032-1-WR048-..
32	Thru-type adaptor (male)	BSPP 1 1/2"	II		60	25	66.5	72	39	720	UF-032-1-WR548-..
32	Self-sealing adaptor (male)	42 mm	XI		75	61	82	174.5	39	2,940	UF-032-2-SL042-...-
32	Self-sealing adaptor (male)	53 mm	XI		75	70	82	178.5	39	3,320	UF-032-2-SL053-...-
32	Self-sealing adaptor (male)	BSPP 1 1/2"	I		75	22	82	135.5	39	2,750	UF-032-2-WR048-...-
32	Self-sealing adaptor (male)	BSPP 2"	I		75	26	82	139.5	39	2,980	UF-032-2-WR060-...-
32	Self-sealing adaptor (male)	BSPP 1 1/2"	II		75	25	82	122.5	39	2,740	UF-032-2-WR548-...-
32	Self-sealing adaptor (male)	BSPP 2"	II		75	29	82	126.5	39	2,600	UF-032-2-WR560-...-

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