



Series UF



Technical chart | Quick coupling systems

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, Δp = 1 bar		Q [m³/h] air 6 bar, 20 °C, Δp = 1 bar		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

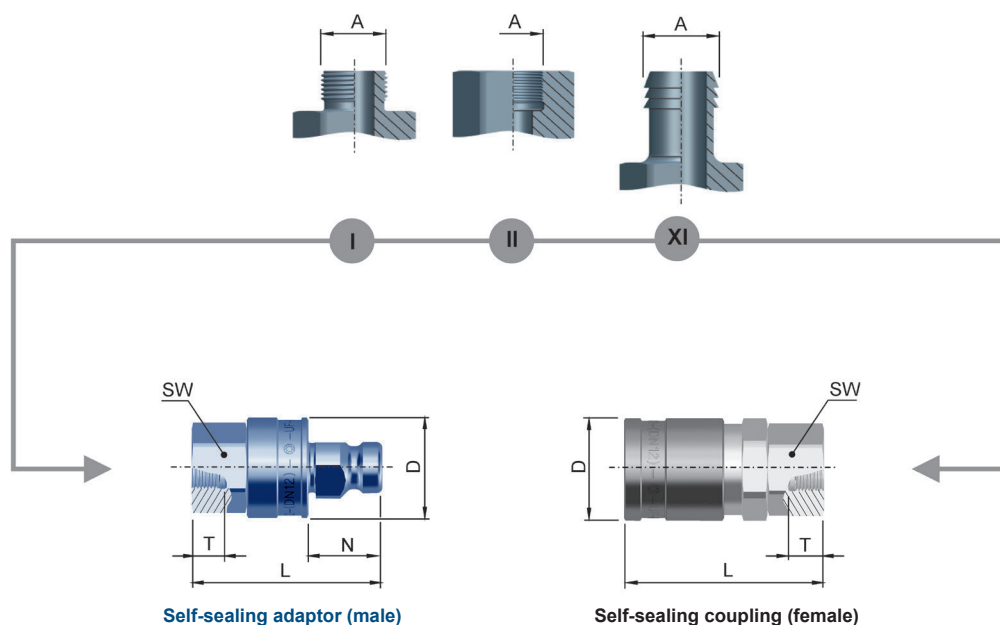
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

Stated maximum permissible operating pressures (p max. permissible static) only apply to materials specified by us and to operation with group II media according to directive 2014/68/EU. Material combinations, optional materials, as well as other media or other temperature ranges can lead to divergent maximum permissible operating pressures and must be requested separately.

Please note that the maximum permissible operating pressure of the connection and quick coupling system must be considered when determining the operating pressure. Our safety instructions must be followed.

◀◀ The **performance diagram** can be found on the front catalogue fold-out page.

A detailed **connection description** can be found on the back catalogue fold-out page. ▶▶





Features chart | Quick coupling systems

	Product features	Materials	Seals	Additional options
Standard	- Non-interchangeable versions (mechanical coding)	01 = Stainless steel 1.4404/1.4571 or similar 21 = Brass passivated 22 = Brass chrome plated	1 = NBR 2 = FKM 4 = EPDM	DR = With triangular fitting FD = FDA-compliant FF = Oil- and grease-free GG = With ring grips Ø 190 (aluminium cast) OV = Without valve TA = Certified by the Clean Air Act (TA-Luft) SI = Additional axial safety locking device VI = With square fitting
Optional		24 = Brass chemically nickel plated	FFKM to nb 12	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.

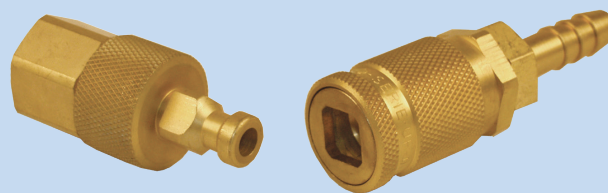
Note: The additional feature DR or VI is an integral component of the part number and must be specified!

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

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

For example, a complete part number looks like this:

UF-006-0-SL006-Material-Seal-Additional options-Y../-Z..



Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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]



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Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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 | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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-...

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]



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Self-sealing adaptor / thru-type adaptor marked in blue

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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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-...-

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]