



Types 02-003 | 06-003 | 07-003 | LP-003

Technical chart | Mini-couplings

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, $\Delta p = 1$ bar		Q [m³/h] air 6 bar, 20 °C, $\Delta p = 1$ bar		p max. permissible static [bar / psi]			Type
	EA	BA	EA	BA	EA	BA	Steel	Brass	Stainless steel	
							coupled	coupled	coupled	
2.5		0.10		1.43		5.06	500 / 7,250			02-003
2.5	0.17		2.43		8.60			100 / 1,450		06-003
3		0.14		2.00		7.08		200 / 2,900	200 / 2,900	07-003
3	0.21		3.00		10.63			200 / 2,900		LP-003

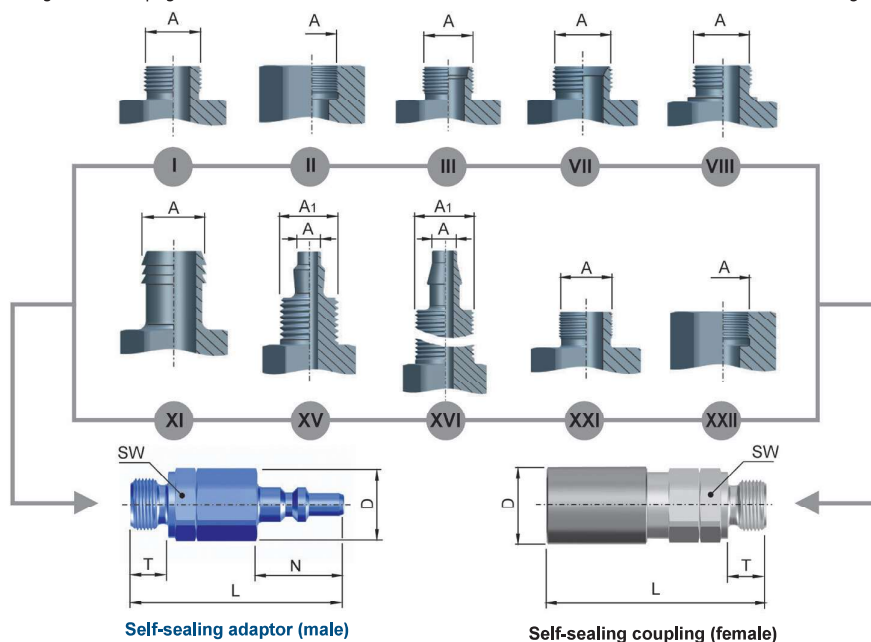
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

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. ▶▶▶





Type 02-003

Features chart | Mini-couplings

	Product features	Materials	Seals	Additional options
Standard	- Only usable with both sides self-sealing or without valve	12 = Steel oil burnished	1 = NBR 2 = FKM	OV* = Without valve More on request (see pages 19-20)
Optional		13 = Steel chemically nickel plated	4 = EPDM	

*Both sides only

Suitable hose lines with coupling fittings can be found in the section Accessories under „Reinforced hose lines“ (95021-0, 95020-0, 95020-2)

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

For example, a complete part number looks like this:

02-003-0-L0612-Material-Seal-Additional options-Y../-Z..



Product chart | Mini-couplings

Self-sealing adaptor marked in blue

NB	Product type	A	Design	Range	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
2.5	Self-sealing coupling (female)	M 12 x 1.5	III	L	6	4	14	10	16.2	46.5		42	02-003-0-L0612-...-
2.5	Self-sealing coupling (female)	BSPP 1/4"	VII				14	11.5	16.2	47.5		45	02-003-0-VR013-...-
2.5	Self-sealing coupling (female)	BSPP 1/8"	VIII				14	9.5	16.2	46		42	02-003-0-WB010-...-
2.5	Self-sealing adaptor (male)	M 12 x 1.5	III	L	6	4	14	10	16.2	46	18.5	30	02-003-2-L0612-...-
2.5	Self-sealing adaptor (male)	BSPP 1/4"	VII				14	11	16.2	47	18.5	33	02-003-2-VR013-...-
2.5	Self-sealing adaptor (male)	BSPP 1/8"	VIII				14	9.5	16.2	45.5	18.5	30	02-003-2-WB010-...-

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]



Type 06-003



Features chart | Mini-couplings

	Product features	Materials	Seals	Additional options
Standard	- Automatic locking (one-hand operation)	23 = Brass nickel plated	1 = NBR 2 = FKM 4 = EPDM	OV* = Without valve
Optional				

*No automatic locking is omitted here

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

For example, a complete part number looks like this:

06-003-0-SL004-Material-Seal-Additional options-Y../-Z..

Product chart | Mini-couplings

Thru-type adaptor marked in blue



NB	Product type	A / A1	Design	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
2.5	Self-sealing coupling (female)	4 mm	XI	2	9	19	10	39.5		10	06-003-0-SL004-...-
2.5	Self-sealing coupling (female)	OD 6 ID 4 mm M 10 x 1	XV		11	16	10	36.5		21	06-003-0-SW004-...-
2.5	Self-sealing coupling (female)	M 5	XXI		9	6	10	26.5		8	06-003-0-XX001-...-
2.5	Self-sealing coupling (female)	OD 6 ID 4 mm M 10 x 1	XVI		11	25	10	45.5		25	06-003-0-XX006-...-
2.5	Self-sealing coupling (female)	M 10	XXI		11	10	10	30.5		12	06-003-0-XX010-...-
2.5	Self-sealing coupling (female)	M 5	XXII		9	7	10	28		11	06-003-0-XX015-...-
2.5	Thru-type adaptor (male)	4 mm	XI			19	6	29.5	9	3	06-003-1-SL004-..
2.5	Thru-type adaptor (male)	OD 6 ID 4 mm M 10 x 1	XV		11	16	12	29	9	17	06-003-1-SW004-..
2.5	Thru-type adaptor (male)	BSPP 1/8"	I		11	8	12	21	9	6	06-003-1-WR010-..
2.5	Thru-type adaptor (male)	M 5	XXI		9	6	9.9	19	9	4	06-003-1-XX001-..
2.5	Thru-type adaptor (male)	M 5	XXII		9	7	9.9	18	9	5	06-003-1-XX015-..

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]



Type 07-003

Features chart | Mini-couplings

	Product features	Materials	Seals	Additional options
Standard	- Automatic locking (one-hand operation)	23 = Brass nickel plated	1 = NBR 2 = FKM 4 = EPDM	On request (see pages 19-20)
Optional		01 = Stainless steel 1.4404/1.4571 or similar		

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

For example, a complete part number looks like this:

07-003-0-SL004-Material-Seal-Additional options-Y../-Z..

Product chart | Mini-couplings

Self-sealing adaptor marked in blue



NB	Product type	A / A1	Design	SW	T	D	L	N	Weight Brass	Material-neutral part number
3	Self-sealing coupling (female)	4 mm	XI	12	19	15	51.8		32	07-003-0-SL004-...-
3	Self-sealing coupling (female)	OD 6 ID 4 mm M 10 x 1	XV	12	16	15	47.8		41	07-003-0-SW004-...-
3	Self-sealing coupling (female)	BSPP 1/8"	I	12	8	15	39.8		32	07-003-0-WR010-...-
3	Self-sealing coupling (female)	BSPP 1/8"	II	12	9	15	37.8		30	07-003-0-WR510-...-
3	Self-sealing adaptor (male)	4 mm	XI	12	19	13.2	50	15	17	07-003-2-SL004-...-
3	Self-sealing adaptor (male)	OD 6 ID 4 mm M 10 x 1	XV	12	16	13.2	46	15	27	07-003-2-SW004-...-
3	Self-sealing adaptor (male)	BSPP 1/8"	I	12	8	13.2	38	15	18	07-003-2-WR010-...-
3	Self-sealing adaptor (male)	BSPP 1/8"	II	12	9	13.2	36	15	15	07-003-2-WR510-...-

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]



Type LP-003

Features chart | Mini-couplings

	Product features	Materials	Seals	Additional options
Standard	- Automatic locking (one-hand operation)	23 = Brass nickel plated	1 = NBR 2 = FKM 4 = EPDM	OV = Without valve
Optional				

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

For example, a complete part number looks like this:

LP-003-0-L0612-Material-Seal-Additional options-Y../-Z..

Product chart | Mini couplings

Thru-type adaptor marked in blue



NB	Product type	A / A1	Design	Range	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
3	Self-sealing coupling (female)	M 12 x 1.5	III	L	6	4	14	10	15	34.5		38	LP-003-0-L0612-...
3	Self-sealing coupling (female)	4 mm	XI			2.5	14	19	15	44.5		36	LP-003-0-SL004-...
3	Self-sealing coupling (female)	OD 6 ID 4 mm M 10 x 1	XV				14	16	15	40.5		50	LP-003-0-SW004-...
3	Self-sealing coupling (female)	BSPP 1/8"	I				14	8	15	32.5		32	LP-003-0-WR010-...
3	Thru-type adaptor (male)	4 mm	XI					19	8	35	13	4	LP-003-1-SL004-..
3	Thru-type adaptor (male)	OD 6 ID 4 mm M 10 x 1	XV				12	16	13.2	33	13	17	LP-003-1-SW004-..
3	Thru-type adaptor (male)	BSPP 1/8"	I				12	8	13.8	25	13	9	LP-003-1-WR010-..

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]



Series LP

Technical chart | Quick coupling systems

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, $\Delta p = 1$ bar		Q [m³/h] air 6 bar, 20 °C, $\Delta p = 1$ bar		p max. permissible static [bar / psi]		
							Steel	Brass	Stainless Steel
	EA	BA	EA	BA	EA	BA	coupled	coupled	coupled
4	0.36	0.30	5.14	4.28	18.22	15.18	110 / 1,595	60 / 870	
6	1.13	0.73	16.14	10.43	57.19	36.94	100 / 1,450	40 / 580	90 / 1,305
7	1.50	1.17	21.42	16.71	75.91	59.21	70 / 1,015	40 / 580	60 / 870
12	4.34	3.28	61.98	46.84	219.63	165.99	60 / 870	30 / 435	50 / 725
19	11.60	8.40	165.67	119.97	587.04	425.10	60 / 870	30 / 435	40 / 580
32	29.40	23.80	419.88	339.90	1,487.84	1,204.44	30 / 435	30 / 435	30 / 435
50	68.00	59.00	971.15	842.62	3,441.26	2,985.80	30 / 435	20 / 290	30 / 435

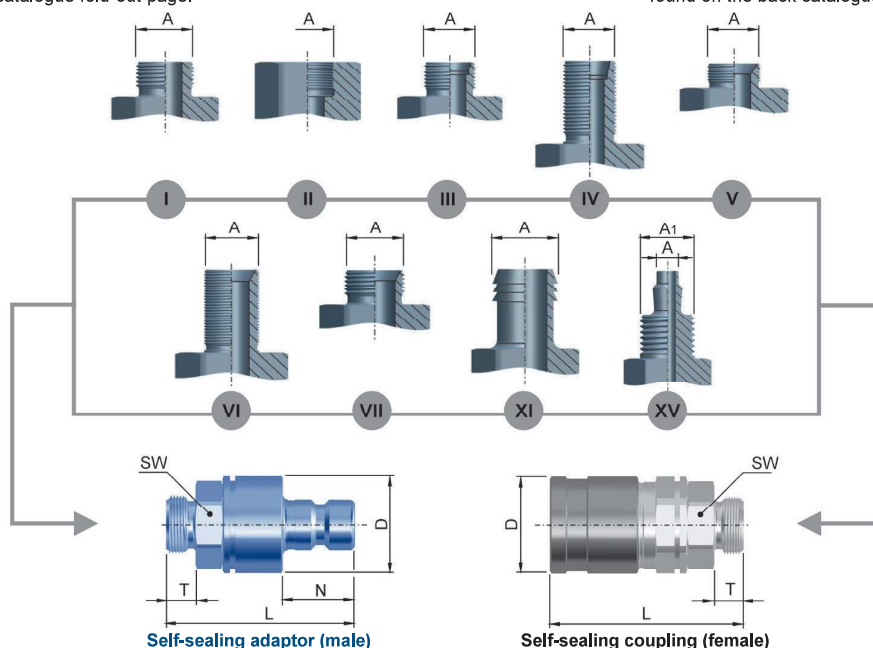
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

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	LP-004 - See also LV-004 in extended, non-squirting design LP-006 / 012 - Can be coupled with KL-006 / 012 When combined with KL, the p max. of the KL series should be taken into account	01 = Stainless steel 1.4404/1.4571 or similar 11 = Steel zinc plated 21 = Brass passivated 22 = Brass chrome plated LP-004 also 23 = Brass nickel plated (not available in 01 and 22)	1 = NBR 2 = FKM 4 = EPDM	BB = 3.1 production EX = ATEX-compliant FD = FDA-compliant FF = Oil and grease-free FL = Free of substances that impair paint consistency GG = With ring grips Ø 130-220 (die-cast aluminium) GL = Smooth design GX = Smooth design with key flat-locking piece OV = Without valve TA = Certified by the Clean Air Act (TA-Luft) SI = Secured with a safety lock LP-006 to LP-019 VH = With locking aid
Optional	LP-006 to 019 - Non-squirting LP-032 / 050 - Not suitable for vacuum pressure	13 = Steel chemically nickel plated 24 = Brass chemically nickel plated LP-032/050 also 31 = Aluminium silver anodized	FFKM	

LP-006: SI - Outside diameter 29 mm

LP-007: SI - Outside diameter 34 mm

LP-012: SI - Outside diameter 44 mm

LP-019: SI - Outside diameter 58 mm

LP-032: SI - Outside diameter 89 mm

LP-050: SI - Outside diameter 116 mm

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

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

For example, a complete part number looks like this:

LP-004-0-SL004-Material-Seal-Additional options-Y../-Z..



Product chart | Quick coupling systems

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

NB	Product type	A / A1	De-sign	Ran-ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
4	Self-sealing coupling (female)	4 mm	XI			3	14	19	18	50		47	LP-004-0-SL004-...-
4	Self-sealing coupling (female)	6 mm	XI				14	25	18	60.5		50	LP-004-0-SL006-...-

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]



Series LP

Product chart | Quick coupling systems

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

NB	Product type	A / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
4	Self-sealing coupling (female)	OD 6 ID 4 mm M 10 x 1	XV			3	14	16	18	51.5		60	LP-004-0-SW004-...-
4	Self-sealing coupling (female)	BSPP 1/8"	I				14	8	18	43.5		50	LP-004-0-WR010-...-
4	Self-sealing coupling (female)	BSPP 1/4"	I				14	11	18	46.5		55	LP-004-0-WR013-...-
4	Self-sealing coupling (female)	BSPP 1/8"	II				14	9	18	45.5		55	LP-004-0-WR510-...-
4	Thru-type adaptor (male)	4 mm	XI			3		18	12	37	16	9	LP-004-1-SL004-...-
4	Thru-type adaptor (male)	6 mm	XI					25	12	44	16	11	LP-004-1-SL006-...-
4	Thru-type adaptor (male)	OD 6 ID 4 mm M 10 x 1	XV			3	12	16	13.2	37	16	22	LP-004-1-SW004-...-
4	Thru-type adaptor (male)	BSPP 1/8"	I				14	8	16.2	29	16	15	LP-004-1-WR010-...-
4	Thru-type adaptor (male)	BSPP 1/4"	I				14	11	16.2	32	16	20	LP-004-1-WR013-...-
4	Thru-type adaptor (male)	BSPP 1/8"	II				14	9	16.2	29	16	18	LP-004-1-WR510-...-
4	Self-sealing adaptor (male)	4 mm	XI			3	14	18	18	53	16	33	LP-004-2-SL004-...-
4	Self-sealing adaptor (male)	6 mm	XI				14	25	18	60	16	36	LP-004-2-SL006-...-
4	Self-sealing adaptor (male)	OD 6 ID 4 mm M 10 x 1	XV			3	14	16	18	51	16	45	LP-004-2-SW004-...-
4	Self-sealing adaptor (male)	BSPP 1/8"	I				14	8	18	43	16	36	LP-004-2-WR010-...-
4	Self-sealing adaptor (male)	BSPP 1/4"	I				14	11	18	46	16	41	LP-004-2-WR013-...-
4	Self-sealing adaptor (male)	BSPP 1/8"	II				14	9	18	45	16	41	LP-004-2-WR510-...-
6	Self-sealing coupling (female)	M 14 x 1.5	V			6	19	10	25	57		110	LP-006-0-D0614-...-
6	Self-sealing coupling (female)	M 12 x 1.5	III	L	6	4	19	10	25	57		110	LP-006-0-L0612-...-
6	Self-sealing coupling (female)	M 14 x 1.5	III	L	8	6	19	10	25	57		110	LP-006-0-L0814-...-
6	Self-sealing coupling (female)	M 16 x 1.5	III	L	10	8	19	11	25	58		110	LP-006-0-L1016-...-
6	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	19	11	25	58		110	LP-006-0-L1218-...-

NB - Nominal bore [mm] A / A1 - 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 / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing coupling (female)	M 14 x 1.5	IV	L	8	6	19	32	25	79		130	LP-006-0-LV008-...-
6	Self-sealing coupling (female)	M 16 x 1.5	III	S	8	4	19	12	25	59		120	LP-006-0-S0816-...-
6	Self-sealing coupling (female)	M 18 x 1.5	III	S	10	6	19	12	25	59		120	LP-006-0-S1018-...-
6	Self-sealing coupling (female)	M 20 x 1.5	III	S	12	8	22	12	25	59		130	LP-006-0-S1220-...-
6	Self-sealing coupling (female)	6 mm	XI			4	19	25	25	72		110	LP-006-0-SL006-...-
6	Self-sealing coupling (female)	9 mm	XI				19	30	25	77		110	LP-006-0-SL009-...-
6	Self-sealing coupling (female)	11 mm	XI				19	30	25	77		120	LP-006-0-SL011-...-
6	Self-sealing coupling (female)	13 mm	XI				19	30	25	77		130	LP-006-0-SL013-...-
6	Self-sealing coupling (female)	BSPP 3/8"	VII			6	19	11	25	58		110	LP-006-0-VR013-...-
6	Self-sealing coupling (female)	BSPP 1/4"	VII			6	19	12	25	59		120	LP-006-0-VR017-...-
6	Self-sealing coupling (female)	BSPP 3/8"	IX				27	12	25	64		160	LP-006-0-WE017-...-
6	Self-sealing coupling (female)	BSPP 1/4"	I				19	11	25	58		110	LP-006-0-WR013-...-
6	Self-sealing coupling (female)	BSPP 3/8"	I				19	12	25	59		120	LP-006-0-WR017-...-
6	Self-sealing coupling (female)	BSPP 1/2"	I				22	15	25	62		140	LP-006-0-WR021-...-
6	Self-sealing coupling (female)	BSPP 1/4"	II				19	13	25	57		120	LP-006-0-WR513-...-
6	Self-sealing coupling (female)	BSPP 3/8"	II				22	14	25	58		120	LP-006-0-WR517-...-
6	Self-sealing coupling (female)	M 16 x 1.5	IV	L	10	8	19	32	25	79		140	LP-006-0-XX211-...-
6	Thru-type adaptor (male)	6 mm	XI			4			12	46	20	16	LP-006-1-SL006-..
6	Thru-type adaptor (male)	9 mm	XI						12	51	20	20	LP-006-1-SL009-..
6	Thru-type adaptor (male)	11 mm	XI						16	53	20	31	LP-006-1-SL011-..
6	Thru-type adaptor (male)	13 mm	XI						16	53	20	41	LP-006-1-SL013-..
6	Thru-type adaptor (male)	BSPP 1/8"	I			5	14	8	15.5	35	20	22	LP-006-1-WR010-..

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]



Series LP

Product chart | Quick coupling systems

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

NB	Product type	A / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Thru-type adaptor (male)	BSPP 1/4"	I				14	11	15.5	39	20	25	LP-006-1-WR013-..
6	Thru-type adaptor (male)	BSPP 3/8"	I				19	12	21	40.5	20	39	LP-006-1-WR017-..
6	Thru-type adaptor (male)	BSPP 1/8"	II				15	9	16.5	31	20	20	LP-006-1-WR510-..
6	Thru-type adaptor (male)	BSPP 1/4"	II				17	13	18.9	36	20	28	LP-006-1-WR513-..
6	Thru-type adaptor (male)	BSPP 3/8"	II				22	14	24	38	20	44	LP-006-1-WR517-..
6	Self-sealing adaptor (male)	M 14 x 1.5	V			6	19	10	25	55	20	85	LP-006-2-D0614-...-
6	Self-sealing adaptor (male)	M 12 x 1.5	III	L	6	4	19	10	25	55	20	80	LP-006-2-L0612-...-
6	Self-sealing Adaptor (male)	M 14 x 1.5	III	L	8	6	19	10	25	55	20	85	LP-006-2-L0814-...-
6	Self-sealing adaptor (male)	M 16 x 1.5	III	L	10	8	19	11	25	56	20	85	LP-006-2-L1016-...-
6	Self-sealing adaptor (male)	M 18 x 1.5	III	L	12	10	19	11	25	56	20	85	LP-006-2-L1218-...-
6	Self-sealing adaptor (male)	M 14 x 1.5	IV	L	8	6	19	32	25	77	20	100	LP-006-2-LV008-...-
6	Self-sealing adaptor (male)	M 16 x 1.5	III	S	8	4	19	12	25	57	20	90	LP-006-2-S0816-...-
6	Self-sealing adaptor (male)	M 18 x 1.5	III	S	10	6	19	12	25	57	20	90	LP-006-2-S1018-...-
6	Self-sealing adaptor (male)	M 20 x 1.5	III	S	12	8	22	12	25	57	20	100	LP-006-2-S1220-...-
6	Self-sealing adaptor (male)	6 mm	XI			4	19	25	25	70	20	80	LP-006-2-SL006-...-
6	Self-sealing adaptor (male)	9 mm	XI				19	30	25	75	20	85	LP-006-2-SL009-...-
6	Self-sealing adaptor (male)	11 mm	XI				19	30	25	75	20	90	LP-006-2-SL011-...-
6	Self-sealing adaptor (male)	13 mm	XI				19	30	25	75	20	100	LP-006-2-SL013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	VII			6	19	11	25	56	20	85	LP-006-2-VR013-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	VII			6	19	12	25	57	20	90	LP-006-2-VR017-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	IX				27	12	25	62	20	130	LP-006-2-WE017-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	I				19	11	25	56	20	85	LP-006-2-WR013-...-

NB - Nominal bore [mm] A / A1 - 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 / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing adaptor (male)	BSPP 3/8"	I				19	12	25	57	20	90	LP-006-2-WR017-...-
6	Self-sealing adaptor (male)	BSPP 1/2"	I				22	15	25	60	20	110	LP-006-2-WR021-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	II				19	13	25	55	20	90	LP-006-2-WR513-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	II				22	14	25	56	20	95	LP-006-2-WR517-...-
6	Self-sealing adaptor (male)	M 16 x 1.5	IV	L	10	8	19	32	25	77	20	110	LP-006-2-XX211-...-
7	Self-sealing coupling (female)	M 16 x 1.5	V			8	24	11	30	67		200	LP-007-0-D0816-...-
7	Self-sealing coupling (female)	M 16 x 1.5	VI			8	24	33.5	30	89.5		210	LP-007-0-DV010-...-
7	Self-sealing coupling (female)	M 16 x 1.5	III	L	10	8	24	11	30	67		190	LP-007-0-L1016-...-
7	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	24	11	30	67		190	LP-007-0-L1218-...-
7	Self-sealing coupling (female)	M 18 x 1.5	III	S	10	6	24	12	30	68		200	LP-007-0-S1018-...-
7	Self-sealing coupling (female)	M 20 x 1.5	III	S	12	8	24	12	30	68		200	LP-007-0-S1220-...-
7	Self-sealing coupling (female)	9 mm	XI			6	24	30	30	86		200	LP-007-0-SL009-...-
7	Self-sealing coupling (female)	11 mm	XI				24	30	30	86		200	LP-007-0-SL011-...-
7	Self-sealing coupling (female)	13 mm	XI				24	30	30	86		210	LP-007-0-SL013-...-
7	Self-sealing coupling (female)	BSPP 3/8"	VII			7	24	12	30	68		190	LP-007-0-VR017-...-
7	Self-sealing coupling (female)	BSPP 3/8"	IX				27	12	30	71		220	LP-007-0-WE017-...-
7	Self-sealing coupling (female)	BSPP 3/8"	I				24	12	30	68		200	LP-007-0-WR017-...-
7	Self-sealing coupling (female)	BSPP 1/2"	I				24	15	30	71		210	LP-007-0-WR021-...-
7	Self-sealing coupling (female)	BSPP 3/8"	II				24	14	30	68		210	LP-007-0-WR517-...-
7	Self-sealing coupling (female)	BSPP 1/2"	II				27	17	30	71		230	LP-007-0-WR521-...-
7	Thru-type adaptor (male)	9 mm	XI			6		30	14	54.5	23.3	29	LP-007-1-SL009-..

NB - Nominal bore [mm] A / A1 - 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 / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
7	Thru-type adaptor (male)	11 mm	XI					30	18	56.5	23.3	37	LP-007-1-SL011-..
7	Thru-type adaptor (male)	13 mm	XI					30	18	56.5	23.3	46	LP-007-1-SL013-..
7	Thru-type adaptor (male)	BSPP 1/4"	I				17	11	18.9	41.8	23.3	35	LP-007-1-WR013-..
7	Thru-type adaptor (male)	BSPP 3/8"	I				19	12	21.1	43.8	23.3	45	LP-007-1-WR017-..
7	Thru-type adaptor (male)	BSPP 1/2"	I				24	15	26.7	48.3	23.3	70	LP-007-1-WR021-..
7	Thru-type adaptor (male)	BSPP 1/4"	II				17	13	18.9	40.5	23.3	37	LP-007-1-WR513-..
7	Thru-type adaptor (male)	BSPP 3/8"	II				22	14	24	41.5	23.3	55	LP-007-1-WR517-..
7	Thru-type adaptor (male)	BSPP 1/2"	II				27	17	30	44.5	23.3	75	LP-007-1-WR521-..
7	Self-sealing adaptor (male)	M 16 x 1.5	V			8	24	11	30	65	23.3	150	LP-007-2-D0816-...-
7	Self-sealing adaptor (male)	M 16 x 1.5	VI			8	24	33.5	30	87.5	23.3	160	LP-007-2-DV010-...-
7	Self-sealing adaptor (male)	M 16 x 1.5	III	L	10	8	24	11	30	65	23.3	140	LP-007-2-L1016-...-
7	Self-sealing adaptor (male)	M 18 x 1.5	III	L	12	10	24	11	30	65	23.3	140	LP-007-2-L1218-...-
7	Self-sealing adaptor (male)	M 18 x 1.5	III	S	10	6	24	12	30	66	23.3	150	LP-007-2-S1018-...-
7	Self-sealing adaptor (male)	M 20 x 1.5	III	S	12	8	24	12	30	66	23.3	150	LP-007-2-S1220-...-
7	Self-sealing adaptor (male)	9 mm	XI			6	24	30	30	84	23.3	150	LP-007-2-SL009-...-
7	Self-sealing adaptor (male)	11 mm	XI				24	30	30	84	23.3	150	LP-007-2-SL011-...-
7	Self-sealing adaptor (male)	13 mm	XI				24	30	30	84	23.3	160	LP-007-2-SL013-...-
7	Self-sealing adaptor (male)	BSPP 3/8"	VII			7	24	12	30	66	23.3	150	LP-007-2-VR017-...-
7	Self-sealing adaptor (male)	BSPP 3/8"	IX				27	12	30	69	23.3	170	LP-007-2-WE017-...-
7	Self-sealing adaptor (male)	BSPP 3/8"	I				24	12	30	66	23.3	150	LP-007-2-WR017-...-
7	Self-sealing adaptor (male)	BSPP 1/2"	I				24	15	30	69	23.3	170	LP-007-2-WR021-...-
7	Self-sealing adaptor (male)	BSPP 3/8"	II				24	14	30	66	23.3	160	LP-007-2-WR517-...-

NB - Nominal bore [mm] A / A1 - 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 / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
7	Self-sealing adaptor (male)	BSPP 1/2"	II				27	17	30	69	23.3	180	LP-007-2-WR521-...-
12	Self-sealing coupling (female)	M 18 x 1.5	V			10	32	11	40	78		370	LP-012-0-D1018-...-
12	Self-sealing coupling (female)	M 22 x 1.5	V			12	32	12	40	79		380	LP-012-0-D1222-...-
12	Self-sealing coupling (female)	M 22 x 1.5	VI			12	32	39	40	106		430	LP-012-0-DV015-...-
12	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	32	11	40	78		370	LP-012-0-L1218-...-
12	Self-sealing coupling (female)	M 22 x 1.5	III	L	15	12	32	12	40	79		380	LP-012-0-L1522-...-
12	Self-sealing coupling (female)	M 24 x 1.5	III	S	16	12	32	14	40	81		390	LP-012-0-S1624-...-
12	Self-sealing coupling (female)	16 mm	XI				32	35	40	102		390	LP-012-0-SL016-...-
12	Self-sealing coupling (female)	19 mm	XI				32	35	40	102		410	LP-012-0-SL019-...-
12	Self-sealing coupling (female)	BSPP 1/2"	VII			12	32	15	40	82		380	LP-012-0-VR021-...-
12	Self-sealing coupling (female)	BSPP 3/4"	VII			12	32	17	40	84		400	LP-012-0-VR026-...-
12	Self-sealing coupling (female)	BSPP 1/2"	I				32	15	40	82		380	LP-012-0-WR021-...-
12	Self-sealing coupling (female)	BSPP 3/4"	I				32	17	40	84		410	LP-012-0-WR026-...-
12	Self-sealing coupling (female)	BSPP 1"	I				36	20	40	88		470	LP-012-0-WR033-...-
12	Self-sealing coupling (female)	BSPP 1/2"	II				32	17	40	81		420	LP-012-0-WR521-...-
12	Self-sealing coupling (female)	BSPP 3/4"	II				32	19	40	83		400	LP-012-0-WR526-...-
12	Thru-type adaptor (male)	13 mm	XI			8		30	21	61	29.5	70	LP-012-1-SL013-..
12	Thru-type adaptor (male)	16 mm	XI					35	21	66	29.5	75	LP-012-1-SL016-..
12	Thru-type adaptor (male)	19 mm	XI					35	25	68.5	29.5	110	LP-012-1-SL019-..
12	Thru-type adaptor (male)	BSPP 3/8"	I			9	27	12	30	49.5	29.5	90	LP-012-1-WR017-..
12	Thru-type adaptor (male)	BSPP 1/2"	I				27	15	30	54.5	29.5	100	LP-012-1-WR021-..

NB - Nominal bore [mm] A / A1 - 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 / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
12	Thru-type adaptor (male)	BSPP 3/4"	I				30	17	33	54.5	29.5	140	LP-012-1-WR026-..
12	Thru-type adaptor (male)	BSPP 1/2"	II				27	17	30	50.5	29.5	100	LP-012-1-WR521-..
12	Thru-type adaptor (male)	BSPP 3/4"	II				32	19	35.5	52.5	29.5	120	LP-012-1-WR526-..
12	Self-sealing adaptor (male)	M 18 x 1.5	V			10	32	11	40	76	29.5	280	LP-012-2-D1018-...-
12	Self-sealing adaptor (male)	M 22 x 1.5	V			12	32	12	40	77	29.5	290	LP-012-2-D1222-...-
12	Self-sealing adaptor (male)	M 22 x 1.5	VI			12	32	39	40	104	29.5	340	LP-012-2-DV015-...-
12	Self-sealing adaptor (male)	M 18 x 1.5	III	L	12	10	32	11	40	76	29.5	280	LP-012-2-L1218-...-
12	Self-sealing adaptor (male)	M 22 x 1.5	III	L	15	12	32	12	40	77	29.5	290	LP-012-2-L1522-...-
12	Self-sealing adaptor (male)	M 24 x 1.5	III	S	16	12	32	14	40	79	29.5	290	LP-012-2-S1624-...-
12	Self-sealing adaptor (male)	16 mm	XI				32	35	40	100	29.5	300	LP-012-2-SL016-...-
12	Self-sealing adaptor (male)	19 mm	XI				32	35	40	100	29.5	320	LP-012-2-SL019-...-
12	Self-sealing adaptor (male)	BSPP 1/2"	VII			12	32	15	40	80	29.5	290	LP-012-2-VR021-...-
12	Self-sealing adaptor (male)	BSPP 3/4"	VII			12	32	17	40	82	29.5	310	LP-012-2-VR026-...-
12	Self-sealing adaptor (male)	BSPP 1/2"	I				32	15	40	80	29.5	290	LP-012-2-WR021-...-
12	Self-sealing adaptor (male)	BSPP 3/4"	I				32	17	40	82	29.5	320	LP-012-2-WR026-...-
12	Self-sealing adaptor (male)	BSPP 1"	I				36	20	40	86	29.5	380	LP-012-2-WR033-...-
12	Self-sealing adaptor (male)	BSPP 1/2"	II				32	17	40	79	29.5	330	LP-012-2-WR521-...-
12	Self-sealing adaptor (male)	BSPP 3/4"	II				32	19	40	81	29.5	310	LP-012-2-WR526-...-
19	Self-sealing coupling (female)	M 26 x 1.5	V			15	46	12	54	95		830	LP-019-0-D1526-...-
19	Self-sealing coupling (female)	M 30 x 1.5	V			19	46	14	54	97		830	LP-019-0-D1930-...-
19	Self-sealing coupling (female)	M 30 x 1.5	VI			19	46	45	54	128		920	LP-019-0-DV022-...-

NB - Nominal bore [mm] A / A1 - 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 / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
19	Self-sealing coupling (female)	M 26 x 1.5	III	L	18	16	46	12	54	95		830	LP-019-0-L1826-...-
19	Self-sealing coupling (female)	M 30 x 2	III	L	22	20	46	14	54	97		830	LP-019-0-L2230-...-
19	Self-sealing coupling (female)	M 30 x 2	III	S	20	16	46	16	54	99		850	LP-019-0-S2030-...-
19	Self-sealing coupling (female)	M 36 x 2	III	S	25	20	46	18	54	101		860	LP-019-0-S2536-...-
19	Self-sealing coupling (female)	19 mm	XI			13	46	35	54	118		850	LP-019-0-SL019-...-
19	Self-sealing coupling (female)	25 mm	XI				46	40	54	123		870	LP-019-0-SL025-...-
19	Self-sealing coupling (female)	28 mm	XI				46	45	54	128		930	LP-019-0-SL028-...-
19	Self-sealing coupling (female)	BSPP 3/4"	VII			19	46	17	54	100		830	LP-019-0-VR026-...-
19	Self-sealing coupling (female)	BSPP 1"	VII			19	46	20	54	103		870	LP-019-0-VR033-...-
19	Self-sealing coupling (female)	BSPP 3/4"	I				46	17	54	100		840	LP-019-0-WR026-...-
19	Self-sealing coupling (female)	BSPP 1"	I				46	20	54	103		870	LP-019-0-WR033-...-
19	Self-sealing coupling (female)	BSPP 3/4"	II				46	19	54	94		890	LP-019-0-WR526-...-
19	Self-sealing coupling (female)	BSPP 1"	II				46	23	54	98		880	LP-019-0-WR533-...-
19	Thru-type adaptor (male)	19 mm	XI			12		35	32	68.5	32.5	180	LP-019-1-SL019-..
19	Thru-type adaptor (male)	25 mm	XI					40	32	73.5	32.5	190	LP-019-1-SL025-..
19	Thru-type adaptor (male)	BSPP 1/2"	I			13	36	15	40	57.5	32.5	210	LP-019-1-WR021-..
19	Thru-type adaptor (male)	BSPP 3/4"	I				36	17	40	59.5	32.5	220	LP-019-1-WR026-..
19	Thru-type adaptor (male)	BSPP 1"	I				36	20	40	62.5	32.5	260	LP-019-1-WR033-..
19	Thru-type adaptor (male)	BSPP 3/4"	II				36	19	40	57.5	32.5	240	LP-019-1-WR526-..
19	Thru-type adaptor (male)	BSPP 1"	II				41	23	45	61.5	32.5	250	LP-019-1-WR533-..
19	Self-sealing adaptor (male)	M 26 x 1.5	V			15	46	12	54	91	32.5	680	LP-019-2-D1526-...-
19	Self-sealing adaptor (male)	M 30 x 1.5	V			19	46	14	54	93	32.5	680	LP-019-2-D1930-...-

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

NB	Product type	A / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
19	Self-sealing adaptor (male)	M 30 x 1.5	VI			19	46	45	54	124	32.5	770	LP-019-2-DV022-...-
19	Self-sealing adaptor (male)	M 26 x 1.5	III	L	18	16	46	12	54	91	32.5	680	LP-019-2-L1826-...-
19	Self-sealing adaptor (male)	M 30 x 2	III	L	22	20	46	14	54	93	32.5	670	LP-019-2-L2230-...-
19	Self-sealing adaptor (male)	M 30 x 2	III	S	20	16	46	16	54	95	32.5	690	LP-019-2-S2030-...-
19	Self-sealing adaptor (male)	M 36 x 2	III	S	25	20	46	18	54	97	32.5	710	LP-019-2-S2536-...-
19	Self-sealing adaptor (male)	19 mm	XI			13	46	35	54	114	32.5	700	LP-019-2-SL019-...-
19	Self-sealing adaptor (male)	25 mm	XI				46	40	54	119	32.5	710	LP-019-2-SL025-...-
19	Self-sealing adaptor (male)	28 mm	XI				46	45	54	124	32.5	780	LP-019-2-SL028-...-
19	Self-sealing adaptor (male)	BSPP 3/4"	VII			19	46	17	54	96	32.5	690	LP-019-2-VR026-...-
19	Self-sealing adaptor (male)	BSPP 1"	VII			19	46	20	54	99	32.5	720	LP-019-2-VR033-...-
19	Self-sealing adaptor (male)	BSPP 3/4"	I				46	17	54	96	32.5	690	LP-019-2-WR026-...-
19	Self-sealing adaptor (male)	BSPP 1 "	I				46	20	54	99	32.5	720	LP-019-2-WR033-...-
19	Self-sealing adaptor (male)	BSPP 3/4"	II				46	19	54	90	32.5	740	LP-019-2-WR526-...-
19	Self-sealing adaptor (male)	BSPP 1"	II				46	23	54	94	32.5	730	LP-019-2-WR533-...-
32	Self-sealing coupling (female)	M 45 x 1.5	V			32	75	16	82	128		2,720	LP-032-0-D3245-...-
32	Self-sealing coupling (female)	M 52 x 2	III	S	38	32	75	22	82	134		2,770	LP-032-0-S3852-...-
32	Self-sealing coupling (female)	42 mm	XI				75	61	82	178		3,090	LP-032-0-SL042-...-
32	Self-sealing coupling (female)	BSPP 1 1/2"	I				75	22	82	139		2,930	LP-032-0-WR048-...-
32	Self-sealing coupling (female)	BSPP 2"	I				75	26	82	143		2,980	LP-032-0-WR060-...-
32	Self-sealing coupling (female)	BSPP 1 1/2"	II				75	25	82	126		2,890	LP-032-0-WR548-...-
32	Self-sealing coupling (female)	BSPP 2"	II				75	29	82	130		2760	LP-032-0-WR560-...-

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

NB	Product type	A / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
32	Thru-type adaptor (male)	42 mm	XI					61	54	105	39	620	LP-032-1-SL042-..
32	Thru-type adaptor (male)	BSPP 1 1/2"	I				55	22	60	74.5	39	600	LP-032-1-WR048-..
32	Thru-type adaptor (male)	BSPP 2"	I				65	26	72.5	78.5	39	650	LP-032-1-WR060-..
32	Thru-type adaptor (male)	BSPP 1 1/4"	II				55	25	61.9	71	39	610	LP-032-1-WR542-..
32	Thru-type adaptor (male)	BSPP 1 1/2"	II				60	25	67	71	39	640	LP-032-1-WR548-..
32	Thru-type adaptor (male)	BSPP 2"	II				65	29	72.6	75	39	790	LP-032-1-WR560-..
32	Self-sealing adaptor (male)	M 45 x 1.5	V			32	75	16	82	124.5	39	2,220	LP-032-2-D3245-...-
32	Self-sealing adaptor (male)	M 52 x 2	III	S	38	32	75	22	82	130.5	39	2,280	LP-032-2-S3852-...-
32	Self-sealing adaptor (male)	42 mm	XI				75	61	82	174.5	39	2,610	LP-032-2-SL042-...-
32	Self-sealing adaptor (male)	BSPP 1 1/2"	I				75	22	82	135.5	39	2,460	LP-032-2-WR048-...-
32	Self-sealing adaptor (male)	BSPP 1"	I				75	26	82	139.5	39	2,500	LP-032-2-WR060-...-
32	Self-sealing adaptor (male)	BSPP 1 1/2"	II				75	25	82	122.5	39	2,390	LP-032-2-WR548-...-
32	Self-sealing adaptor (male)	BSPP 2"	II				75	29	82	126.5	39	2,260	LP-032-2-WR560-...-
32	Thru-type coupling (female)	42 mm	XI				70	61	82	143		2,260	LP-032-4-SL042-...-
32	Thru-type coupling (female)	BSPP 1 1/2"	I				70	22	82	109		2,230	LP-032-4-WR048-...-
32	Thru-type coupling (female)	BSPP 2"	I				70	26	82	113		2,490	LP-032-4-WR060-...-
32	Thru-type coupling (female)	BSPP 1 1/4"	II				70	25	82	89		2,000	LP-032-4-WR542-...-
32	Thru-type coupling (female)	BSPP 1 1/2"	II				70	25	82	89		1,930	LP-032-4-WR548-...-
32	Thru-type coupling (female)	BSPP 2"	II				70	29	82	89		1,690	LP-032-4-WR560-...-
50	Self-sealing coupling (female)	BSPP 2"	I			40	100	26	112	162		5,550	LP-050-0-WR060-...-
50	Self-sealing coupling (female)	BSPP 2 1/2"	I				100	30	112	164		5,560	LP-050-0-WR075-...-

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]



Series LP

Product chart | Quick coupling systems

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

NB	Product type	A / A1	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
50	Self-sealing coupling (female)	BSPP 2"	II				100	29	112	158		6,150	LP-050-0-WR560-...
50	Self-sealing coupling (female)	BSPP 2 1/2"	II				100	33	122	167		5,940	LP-050-0-WR575-...
50	Thru-type adaptor (male)	65 mm	XI					75	90	131	46	2,050	LP-050-1-SL065-...
50	Thru-type adaptor (male)	BSPP 2"	I			45	85	26	92	88	46	1,590	LP-050-1-WR060-...
50	Thru-type adaptor (male)	BSPP 2"	II				85	29	92	82	46	1,850	LP-050-1-WR560-...
50	Self-sealing adaptor (male)	BSPP 2"	I				100	26	112	158	46	5,010	LP-050-2-WR060-...
50	Self-sealing adaptor (male)	BSPP 2 1/2"	I				100	30	112	160	46	5,020	LP-050-2-WR075-...
50	Self-sealing adaptor (male)	BSPP 2"	II			40	100	29	112	154	46	5,610	LP-050-2-WR560-...
50	Self-sealing adaptor (male)	BSPP 2 1/2"	II				100	33	112	163	46	5,400	LP-050-2-WR575-...
50	Thru-type coupling (female)	BSPP 2"	I			44	100	26	112	132.5		3,950	LP-050-4-WR060-...
50	Thru-type coupling (female)	BSPP 2 1/2"	I				100	30	112	136.5		4,210	LP-050-4-WR075-...
50	Thru-type coupling (female)	BSPP 2"	II				100	27	112	106.5		3,800	LP-050-4-WR560-...
50	Thru-type coupling (female)	BSPP 2 1/2"	II				100	31	112	106.5		3,640	LP-050-4-WR575-...

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]



Series SP

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	Steel	Brass	Stainless steel
							coupled	coupled	coupled
6	1.10	0.77	15.71	11.00	55.67	38.97	120 / 1,740	60 / 870	100 / 1,450
9	2.41	2.10	34.42	29.99	121.96	106.27	100 / 1,450	40 / 580	80 / 1,160

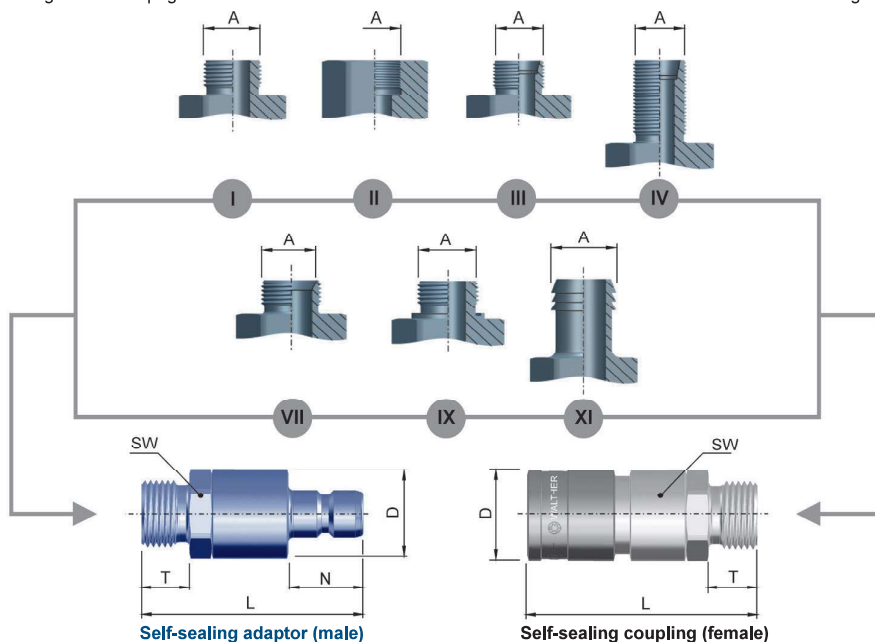
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

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. ▶▶▶





Series SP

Features chart | Quick coupling systems

	Product features	Materials	Seals	Additional options
Standard	- Slender design	01 = Stainless steel 1.4404/1.4571 or similar 11 = Steel zinc plated 21 = Brass passivated 22 = Brass chrome plated	1 = NBR 2 = FKM 4 = EPDM	BB = 3.1 production FD = FDA-compliant FF = Oil- and grease-free GL = Smooth design GX = Smooth design with width flat end connection OV = Without valve
Optional		13 = Steel chemically nickel plated 24 = Brass chemically nickel plated	FFKM	

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

For example, a complete part number looks like this:

SP-006-0-D0614-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	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing coupling (female)	M 12 x 1,5	III	L	6	4	19	10	22	57		85	SP-006-0-L0612-...-
6	Self-sealing coupling (female)	M 14 x 1,5	III	L	8	6	19	10	22	57		85	SP-006-0-L0814-...-
6	Self-sealing coupling (female)	M 16 x 1,5	III	L	10	8	19	11	22	58		90	SP-006-0-L1016-...-
6	Self-sealing coupling (female)	M 18 x 1,5	III	L	12	10	19	11	22	58		90	SP-006-0-L1218-...-
6	Self-sealing coupling (female)	M 14 x 1,5	IV	L	8	6	19	32	22	79		100	SP-006-0-LV008-...-

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]



Series SP

Product chart | Quick coupling systems

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

NB	Product type	A	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing coupling (female)	M 16 x 1,5	III	S	8	4	19	12	22	59		90	SP-006-0-S0816-...-
6	Self-sealing coupling (female)	M 18 x 1,5	III	S	10	6	19	12	22	59		95	SP-006-0-S1018-...-
6	Self-sealing coupling (female)	6 mm	XI			4	19	25	22	72		85	SP-006-0-SL006-...-
6	Self-sealing coupling (female)	9 mm	XI				19	30	22	77		90	SP-006-0-SL009-...-
6	Self-sealing coupling (female)	11 mm	XI				19	30	22	77		95	SP-006-0-SL011-...-
6	Self-sealing coupling (female)	13 mm	XI				19	30	22	77		110	SP-006-0-SL013-...-
6	Self-sealing coupling (female)	BSPP 3/8"	VII			6	19	12	22	59		95	SP-006-0-VR017-...-
6	Self-sealing coupling (female)	BSPP 3/8"	IX				27	12	22	64		130	SP-006-0-WE017-...-
6	Self-sealing coupling (female)	BSPP 1/4"	I				19	11	22	58		90	SP-006-0-WR013-...-
6	Self-sealing coupling (female)	BSPP 3/8"	I				19	12	22	59		95	SP-006-0-WR017-...-
6	Self-sealing coupling (female)	BSPP 1/2"	I				22	15	22	62		120	SP-006-0-WR021-...-
6	Self-sealing coupling (female)	BSPP 1/4"	II				19	13	22	57		95	SP-006-0-WR513-...-
6	Self-sealing coupling (female)	BSPP 3/8"	II				22	14	22	58		100	SP-006-0-WR517-...-
6	Self-sealing coupling (female)	M 16 x 1,5	IV	L	10	8	19	32	22	79		110	SP-006-0-XX211-...-
6	Thru-type adaptor (male)	6 mm	XI			4			11	46	20	13	SP-006-1-SL006-..
6	Thru-type adaptor (male)	9 mm	XI						11	51	20	18	SP-006-1-SL009-..
6	Thru-type adaptor (male)	BSPP 1/8"	I			4	14	8	15.5	34	20	20	SP-006-1-WR010-..
6	Thru-type adaptor (male)	BSPP 1/4"	I				14	11	15.5	37	20	23	SP-006-1-WR013-..
6	Thru-type adaptor (male)	BSPP 3/8"	I				19	12	21.9	38	20	37	SP-006-1-WR017-..
6	Thru-type adaptor (male)	BSPP 1/4"	II				17	13	19.6	36	20	26	SP-006-1-WR513-..
6	Thru-type adaptor (male)	BSPP 3/8"	II				22	14	24	37	20	40	SP-006-1-WR517-..

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]



Series SP

Product chart | Quick coupling systems

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

NB	Product type	A	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing adaptor (male)	M 12 x 1,5	III	L	6	4	19	10	22	55	20	70	SP-006-2-L0612-...-
6	Self-sealing adaptor (male)	M 14 x 1,5	III	L	8	6	19	10	22	55	20	70	SP-006-2-L0814-...-
6	Self-sealing adaptor (male)	M 16 x 1,5	III	L	10	8	19	11	22	56	20	70	SP-006-2-L1016-...-
6	Self-sealing adaptor (male)	M 18 x 1,5	III	L	12	10	19	11	22	56	20	70	SP-006-2-L1218-...-
6	Self-sealing adaptor (male)	M 14 x 1,5	IV	L	8	6	19	32	22	77	20	85	SP-006-2-LV008-...-
6	Self-sealing adaptor (male)	M 16 x 1,5	III	S	8	4	19	12	22	57	20	75	SP-006-2-S0816-...-
6	Self-sealing adaptor (male)	M 18 x 1,5	III	S	10	6	19	12	22	57	20	75	SP-006-2-S1018-...-
6	Self-sealing adaptor (male)	6 mm	XI			4	19	25	22	70	20	70	SP-006-2-SL006-...-
6	Self-sealing adaptor (male)	9 mm	XI				19	30	22	75	20	70	SP-006-2-SL009-...-
6	Self-sealing adaptor (male)	11 mm	XI				19	30	22	75	20	80	SP-006-2-SL011-...-
6	Self-sealing adaptor (male)	13 mm	XI				19	30	22	75	20	90	SP-006-2-SL013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	VII			6	19	12	22	57	20	75	SP-006-2-VR017-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	IX				27	12	22	62	20	110	SP-006-2-WE017-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	I				19	11	22	56	20	70	SP-006-2-WR013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	I				19	12	22	57	20	75	SP-006-2-WR017-...-
6	Self-sealing adaptor (male)	BSPP 1/2"	I				22	15	22	60	20	100	SP-006-2-WR021-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	II				19	13	22	55	20	75	SP-006-2-WR513-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	II				22	14	22	56	20	80	SP-006-2-WR517-...-
6	Self-sealing adaptor (male)	M 16 x 1,5	IV	L	10	8	19	32	22	77	20	95	SP-006-2-XX211-...-
9	Self-sealing coupling (female)	13 mm	XI				25	30	28	86		180	SP-009-0-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]



Series SP

Product chart | Quick coupling systems

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

NB	Product type	A	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
9	Self-sealing coupling (female)	BSPP 3/8"	I				25	12	28	71		180	SP-009-0-WR017-...-
9	Self-sealing coupling (female)	BSPP 1/2"	I				25	15	28	71		190	SP-009-0-WR021-...-
9	Self-sealing coupling (female)	BSPP 1/2"	II				27	17	28	71		200	SP-009-0-WR521-...-
9	Thru-type adaptor (male)	13 mm	XI					30	15	55	23.5	37	SP-009-1-SL013-..
9	Thru-type adaptor (male)	BSPP 3/8"	I				19	12	21.9	41.5	23.5	40	SP-009-1-WR017-..
9	Thru-type adaptor (male)	BSPP 1/2"	I				22	15	24	46.5	23.5	60	SP-009-1-WR021-..
9	Thru-type adaptor (male)	BSPP 1/2"	II				27	17	30	45	23.5	75	SP-009-1-WR521-..
9	Self-sealing adaptor (male)	13 mm	XI				25	30	28	84.5	23.5	130	SP-009-2-SL013-...- -Z02
9	Self-sealing adaptor (male)	BSPP 3/8"	I				25	12	28	69.5	23.5	120	SP-009-2-WR017-...- -Z02
9	Self-sealing adaptor (male)	BSPP 1/2"	I				25	15	28	69.5	23.5	130	SP-009-2-WR021-...- -Z02
9	Self-sealing adaptor (male)	BSPP 1/2"	II				27	17	28	69.5	23.5	140	SP-009-2-WR521-...- -Z02

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]