

Product sheet

Push-Lock hose and fittings



Our Push-Lock hose systems for conveying gaseous and liquid media are used in almost all areas of industry. The fittings are matched to our Push-Lock hose range, allowing easy assembly without the use of tools or clamps. The requirements of the automotive industry are also fulfilled.

The Push-Lock hoses are available in polyurethane (PU) and synthetic rubber elastomers in various colors.



Rubber Push-Lock hose, with tensile textile layer, Type Automobil

- According to drawing 39D 1256
- For conveying air, water and cooling water
- Assembly with hose fittings listed below without hose clamp
- Temperatur range:
Air: - 25° C - + 75° C, Water: - 25° C - +95° C
- Free of substances that impair paint adhesion
- Not suitable for pulsating applications



Cover black, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024	6	16	45	40
1006025	10	16	75	40
1006026	13	16	90	40
1006027	16	16	115	40
1006028	20	16	135	40
1006029**	25	16	165	40

Cover green*, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-G	6	16	45	40
1006025-G	10	16	75	40
1006026-G	13	16	90	40
1006027-G	16	16	115	40
1006028-G	20	16	135	40
1006029-G	25	16	165	40

* Coloured versions are not always available in stock and must be requested.

** DN 25 (1006029): Air - 30°C bis + 75°C, Water: - 30°C - + 100°C



Rubber Push-Lock hose, with tensile textile layer, Type Automobil

- According to drawing 39D 1256
- For conveying air, water and cooling water
- Assembly with hose fittings listed below without hose clamp
- Temperatur range:
Air: - 25° C - + 75° C, Water: - 25° C - +95° C
- Free of substances that impair paint adhesion
- Not suitable for pulsating applications



Cover blue*, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-B	6	16	45	40
1006025-B	10	16	75	40
1006026-B	13	16	90	40
1006027-B	16	16	115	40
1006028-B	20	16	135	40
1006029-B	25	16	165	40

Cover red*, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-R	6	16	45	40
1006025-R	10	16	75	40
1006026-R	13	16	90	40
1006027-R	16	16	115	40
1006028-R	20	16	135	40
1006029-R	25	16	165	40

* Coloured versions are not always available in stock and must be requested.



Rubber Push-Lock hose, Oil resistant with textile layer, Type Automobil

- According to drawing 39D 1256
- For conveying hydraulic fluids, lubricating oil and water-oil emulsion on mineral basis
- Assembly with hose fittings listed below without hose clamp
- Temperature range:
Air: - 25° C - + 75° C
Water & oil-containing fluids: - 25° C - + 90° C



Cover black, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-N	6	16	45	40
1006025-N	10	16	75	40
1006026-N	13	16	90	40
1006027-N	16	16	115	40
1006028-N	20	16	135	40

Cover blue*, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-NB	6	16	45	40
1006025-NB	10	16	75	40
1006026-NB	13	16	90	40
1006027-NB	16	16	115	40
1006028-NB	20	16	135	40

Cover red*, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-NR	6	16	45	40
1006025-NR	10	16	75	40
1006026-NR	13	16	90	40
1006027-NR	16	16	115	40
1006028-NR	20	16	135	40

* Coloured versions are not always available in stock and must be requested.



Rubber Push-Lock tempering hose, with tensile textile layer, Type HH-TS

- For individual applications, especially for mould temperature and cooling in the plastics processing industry as well as for special temperature control circuits
- For conveying air, cooling water and demineralized water with corrosion protection
- Assembly with hose fittings listed below without hose clamp
- Temperature range:
Air: - 40° C - + 75° C, Water: - 40° C bis + 120° C
- Free of substances that impair paint adhesion



Cover blue, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-TS-B	6	16	45	40
1006025-TS-B	10	16	75	40
1006026-TS-B	13	16	90	40
1006027-TS-B	16	16	115	40
1006028-TS-B	20	16	135	40

Cover red, inner tube black

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1006024-TS-R	6	16	45	40
1006025-TS-R	10	16	75	40
1006026-TS-R	13	16	90	40
1006027-TS-R	16	16	115	40
1006028-TS-R	20	16	135	40



Polyurethan Push-Lock hose, with tensile textile layer, Type Automobil

- For increased wear requirements
- Especially for applications in robotics and the automotive industry
- Flame retardant
- For conveying air, water and various gases
- Assembly with hose fittings listed below without hose clamp
- Temperature range:
- 40° C bis + 80° C
- Free of substances that impair paint adhesion



Cover black, inner tube transparent

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1105915	6	24	25	50
1105916	10	20	60	50
1105917	13	20	75	50
1105918	16	17	125	50
1105919	20	17	150	50

Cover blue, inner tube transparent

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1105915B	6	24	25	50
1100001	10	20	60	50
1105917B	13	20	75	50
1105918B	16	17	125	50
1105919B	20	17	150	50

Cover red, inner tube transparent

Art. No.	DN	Working ps. [bar]	Bending radius [mm]	Roll length [m]
1105915R	6	24	25	50
1100002	10	20	60	50
1105917R	13	20	75	50
1105918R	16	17	125	50
1105919R	20	17	150	50

* Coloured versions are not always available in stock and must be requested.

* Other colours are available on request: yellow, white, grey, brown and green.

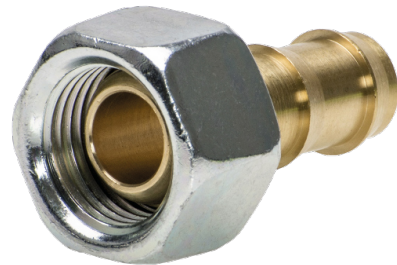


Hose nipple with sealing head and union nut

Straight, *inch thread*

based on drawing 39V 16631

- Nozzle made of brass, union nut made of galvanized steel
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	Thread [inch]	For hose [DN]	Weight [g/pc.]
1208937*	G1/4	6	23
1208938	G3/8	10	28
1208939	G1/2	13	70
1208940	G3/4	16	90
1208941	G1	20	157
1208943	G1 1/4	25	274

Straight, *metric thread*

based on drawing 39V 16631

- Nozzle made of brass, union nut made of galvanized steel
- Mounting without hose clamp in combination with our Push-Lock hoses

Art. No.	Thread [metric]	For hose [DN]	Weight [g/pc.]
4100212	M16 x 1,5	10	28
4100202	M22 x 1,5	13	70
4100206	M24 x 1,5	13	70
4100122	M26 x 1,5	16	90
4100459	M30 x 2	20	157
4100460	M36 x 2	25	270
1201005	M12 x 1,5	6	23
1201020	M14 x 1,5	6	23
1201001	M18 x 1,5	10	28

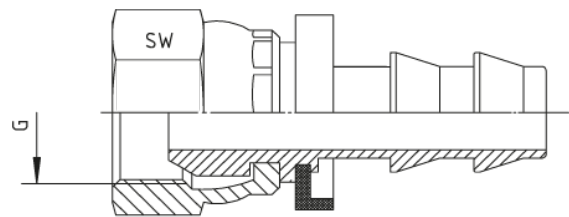
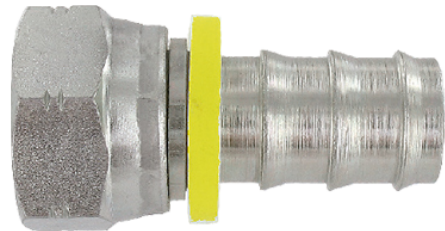
* Nozzle made of stainless steel



Hose nipple with sealing head and BSP union nut

Straight, *inch thread*

- Nozzle and union nut made of stainless steel
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	Thread [inch]	For hose [DN]	Dimensions		
			A	C	SW
XXXX	G1/4" - 19	6	18,5	4,0	17
XXXX	G3/8" - 19	10	17,0	7,0	19
XXXX	G1/2" - 14	12	18,5	10,0	27
XXXX	G3/4" - 14	19	20,5	15,0	32
XXXX	G1" - 11	25	20,5	21,0	41

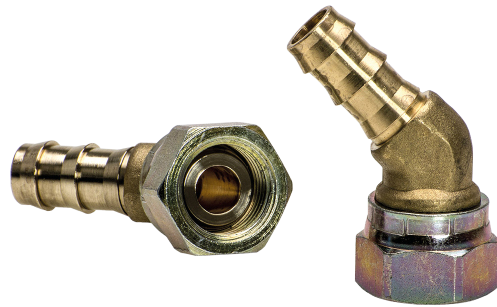


Hose nipple with sealing head and union nut

45°- elbow, *Inch thread*

based on drawing 39V 16631

- Nozzle made of brass, union nut made of galvanized steel
- Mounting without hose clamp in combination with our Push-Lock hoses

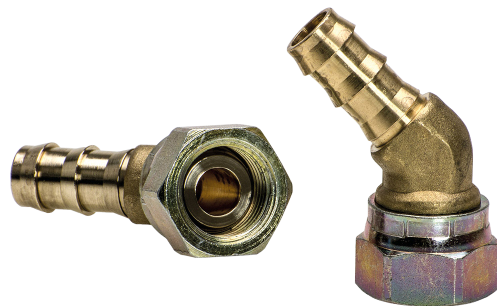


Art. No.	Thread [inch]	For hose [DN]	Weight [g/pc.]
1208001	G1/4	6	31
1208007	G3/8	10	48
1208011	G1/2	13	110
1200123	G3/4	20	170

45°- elbow, *Metric thread*

based on drawing 39V 16631

- Nozzle made of brass, union nut made of galvanized steel
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	Thread [metric]	For hose [DN]	Weight [g/pc.]
1201021	M14 x 1,5	6	32
1200103	M16 x 1,5	10	54
1201011	M22 x 1,5	13	105

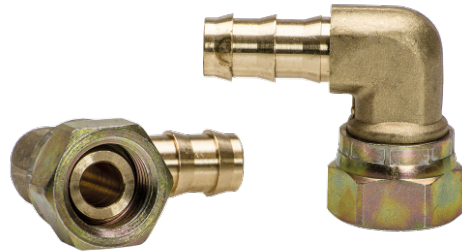


Hose nipple with sealing head and union nut

90°- elbow, Inch thread

based on drawing 39V 16631

- Nozzle made of brass, union nut made of galvanized steel
- Mounting without hose clamp in combination with our Push-Lock hoses

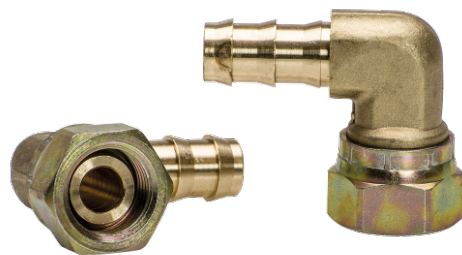


Art. No.	Thread [inch]	For hose [DN]	Weight [g/pc.]
1208002	G1/4	6	33
1208003	G3/8	10	52
1208012	G1/2	13	130
1200104	G3/4	20	170

90°- elbow, *Metric thread*

based on drawing 39V 16631

- Nozzle made of brass, union nut made of galvanized steel
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	Thread [metric]	For hose [DN]	Weight [g/pc.]
1201023	M14 x 1,5	6	32
1200102	M16 x 1,5	10	52
1201010	M22 x 1,5	10	60
1200100	M22 x 1,5	13	127
1200110	M30 x 2	20	170



Hose connector

Male thread, *inch*

based on drawing 39D 1441

- Made of brass
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	Male thread [inch]	For hose [DN]	Weight [g/pc.]
1201019	G1/8	6	30
1207520	G3/8	10	36
1207522	G1/2	13	70
1200114	M22x1,5	13	70
1200114-1*	M22x1,5	13	80
1200124*	M26x1,5	13	80

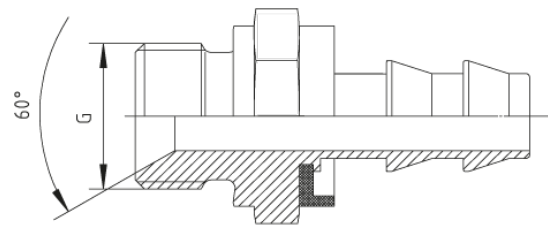
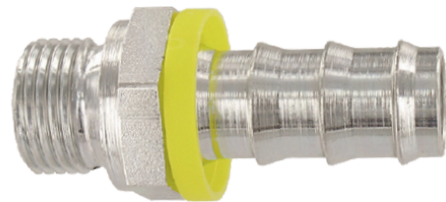
* Material stainless steel



Hose connector

Male BSP thread, *inch*

- Made of stainless steel
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	Male thread [inch]	For hose [DN]	A	Dimensions		SW
				C	L	
XXXX	G1/4	6	15,5	5,0	34,0	14
XXXX	G1/4	6	20,0	5,0	38,5	19
XXXX	G3/8	10	21,0	7,0	45,0	19
XXXX	G3/8	10	23,5	7,0	47,5	22
XXXX	G1/2	12	28,5	10,0	58,5	27
XXXX	G5/8	16	27,5	13,0	63,5	27
XXXX	G3/4	19	30,0	15,0	70,0	32
XXXX	G1	25	35,5	21,0	71,5	41

* Material stainless steel

Hose connector

Straight version

based on drawing 39D 1401

- Made of brass
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	For hose [DN]	Weight [g/pc.]
1307346*	6	10
1307347	10	25
1307348	13	40
1307349	16	58
1307350	20	92
1307351	25	180

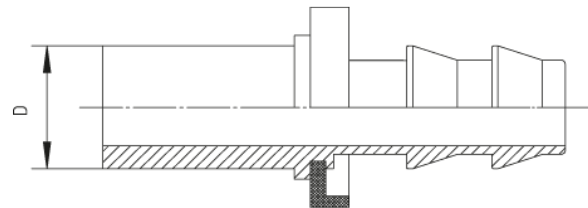
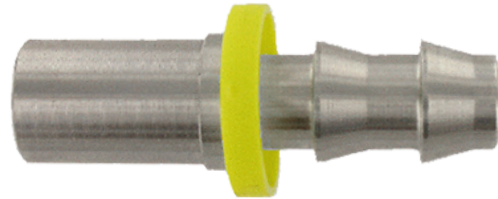
* Material stainless steel



Hose connector

Straight version

- Made of stainless steel
- Mounting without hose clamp in combination with our Push-Lock hoses



Art. No.	Male thread [inch]	For hose [DN]	Tube O.D.	Dimensions		
				A	C	L
XXXX	G1/4	6	6	25,0	4,0	20,0
XXXX	G1/4	6	8	27,0	4,0	22,0
XXXX	G3/8	10	10	30,0	7,0	25,0
XXXX	G3/8	10	12	30,0	7,0	25,0
XXXX	G1/2	12	15	32,0	10,0	25,0
XXXX	G5/8	16	18	33,0	13,5	27,0
XXXX	G3/4	19	22	33,0	15	27,0
XXXX	G1	25	28			

* Material stainless steel



Screw-in connector

Reducer, male thread on both sides with 60° inner cone

based on drawing 39D 1402

- Made of brass
- To connect with hose nipple

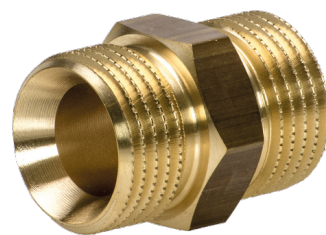


Art. No.	Male thread	Weight [g/pc.]
1307560*	G1/4 x M10x1	15
1307562	G3/8 x G1/4	32
1307564	G1/2 x G3/8	45
1307566	G3/4 x G1/2	80
1307568	G1 x G3/4	132
1307570	G1 1/4 x G1	210

Straight, male thread on both sides with 60° inner cone

based on drawing 39D 1403

- Made of brass
- To connect with hose nipple



Art. No.	Male thread	Weight [g/pc.]
1307561	G1/4	17
1307563	G3/8	25
1307565	G1/2	46
1307567	G3/4	75
1307569	G1	125
1307571	G1 1/4	227

* Material stainless steel



Screw-in connector

90°- elbow, male thread on both sides with 60° inner cone

based on drawing 39D 1405

- Made of brass
- To connect with hose nipple



Art. No.	Male thread	Weight [g/pc.]
1307576	G1/4 x G1/4	30
1307577	G3/8 x G3/8	55
1307578	G1/2 x G1/2	110
1307579	G3/4 x G3/4	180
1307580	G1 x G1	250
1307581	G1 1/4 x G1 1/4	395
1307582	G1/4 x M10x1	30
1307583	G3/8 x G1/4	58
1307584	G1/2 x G3/8	130
1307585	G3/4 x G1/2	235
1307589	G1 x G3/4	340
1307590	G1 1/4 x G1	530

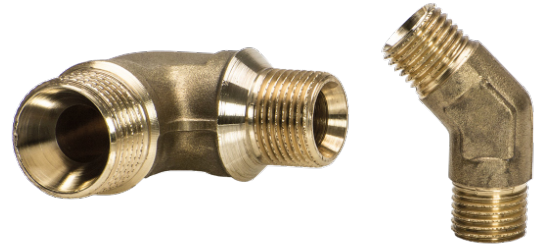


Screw-in connector

45° - elbow, male thread on both sides with 60° inner cone

based on drawing 39D 1404

- Made of brass
- To connect with hose nipple



Art. No.	Male thread	Weight [g/pc.]
1307572	G1/4 x G1/4	30
1307573	G3/8 x G3/8	50
1307574	G1/2 x G1/2	125
1307575	G3/4 x G3/4	200
1300082	G1 x G1	300
1307586	G1 1/4 x G1 1/4	390
1307546*	G1/4 x M10x1	25
1307547	G3/8 x G1/4	55
1307548	G1/2 x G3/8	140
1307549	G3/4 x G1/2	250
XXXX	G1 x G3/4	330
XXXX	G1 1/4 x G1	525

* Material stainless steel

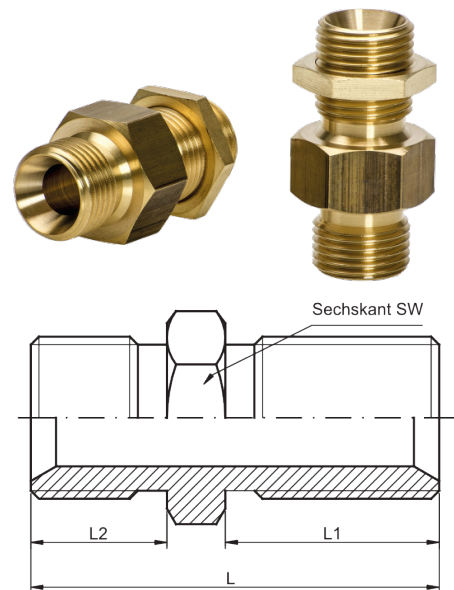


Bulkhead connection

Long version, male thread on both sides with 60° inner cone

For connecting hose lines with identical diameters through a bulkhead, secured by lock nut

- Made of brass
- For robots cable packages
- Including lock nut

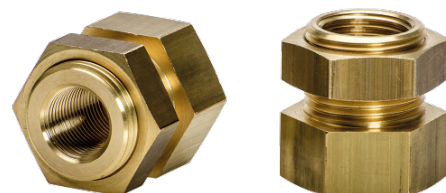


Art. No.	Male thread [inch]	L [mm]	L1 [mm]	L2 [mm]	SW [mm]	Weight [g/pc.]
1306091	G3/8	42	22	14	19	51
1306092	G1/2	55	25	16	27	137
Art. No.	Male thread [mm]	L [mm]	L1 [mm]	L2 [mm]	SW [mm]	Weight [g/St.]
4100213	M22 x 1,5	55	25	16	27	153

Short version, female thread

based on drawing 39D 1442

- Made of brass
- For robots cable packages
- Including lock nut



Art. No.	Female thread	Weight [g/pc.]	Male thread	SW
1307524	G3/8	160	G3/4	32
1307525	G1/2	134	G3/4	32

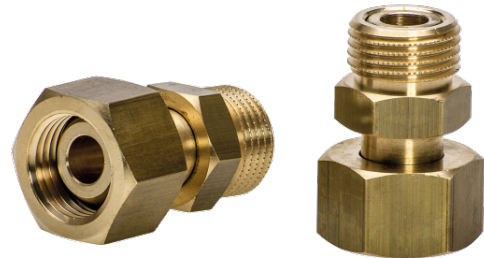


Screw-in connector

Straight, with union nut and sealing cone

based on drawing 39D 1440

- Made of brass
- For robots cable packages



Art. No.	Female thread [inch]	For hose [DN]	Weight [g/pc.]
1307521	G3/8	10	49
1307523	G1/2	13	110

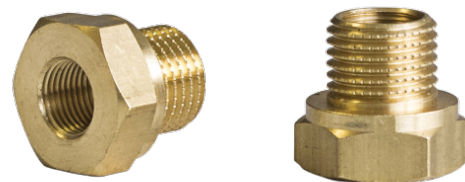


Screw-in conncetor

Reducer, male and female thread

based on drawing 39D 1406

- Made of brass



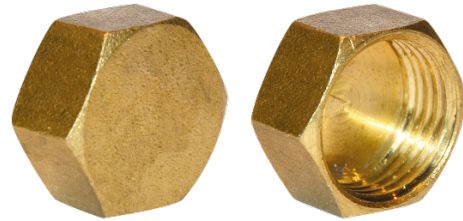
Art. No.	Male thread	Female thread	Weight [g/pc.]
1307365	R1/8	M5	10
1307366	R1/4	R1/8	18
1300064	R1/4	R1/2	20
1307367	R3/8	R1/4	25
1300027	R1/2	R1/4	25
1307368	R1/2	R3/8	42
1307369	R3/4	R1/2	75
1307370	R1	R3/4	105
1307619	R1	R1/2	100



Caps and Plugs

Cap, hexagonal version

- Made of brass



Art. No.	Female thread
1300083	R1/4
1300084	R3/8
1307612	R1/2
1300156	R3/4
1300155	R1

Plug, external square

- Made of brass

Art. No.	Male thread
1306893	R3/8
1306895	R3/4
1306896	1

Plug, socket screw

- Made of brass

Art. No.	Male thread
1306890-5	R1/8
1306890-1	R1/4
1306890-2	R3/8
1306890-3	R1/2
1306890-4	R3/4



Ball valve

Heavy version, with rotary handle

- Made of brass vernickelt
- female thread on both sides



Art. No.	Female thread
1306527	R1/4
1300138	R1/2
1306528	R3/4
1306529	R1

With air venting and rotary handle

According to drawing 39D 1386

- Made of brass
- female thread on both sides



Art. No.	Female thread
1306582	R1/2
1306584	R1