

Better connections!

FESTO



Quick selection with our poster for tubing, fittings and flow control valves

Everything from a single source

Festo offers a precisely tailored and economical solution to all connection problems – plus reliability! Thanks to a wide variety of different resistance properties and characteristics we can meet virtually any requirement.

From flame-retardant to antistatic, from food industry compatibility to welding spatter resistance. You therefore only pay for the functions you need. Always included is the tried and tested Quick Star releasing principle based on Festo plug and work® – for quick, simple and reliable assembly.

For even greater safety:

Free of charge tubing selection software, media resistance information and Online Shop

Online Shop

- Quick and simple
- Find, compare and configure products
- Check prices and availability and order
- Transfer product from the catalogue into the shopping basket
- Import or copy and insert product lists
- Import part lists
- Save and call up shopping baskets again
- Track orders and re-order

Media resistance information

Which tubing is resistant to benzene?

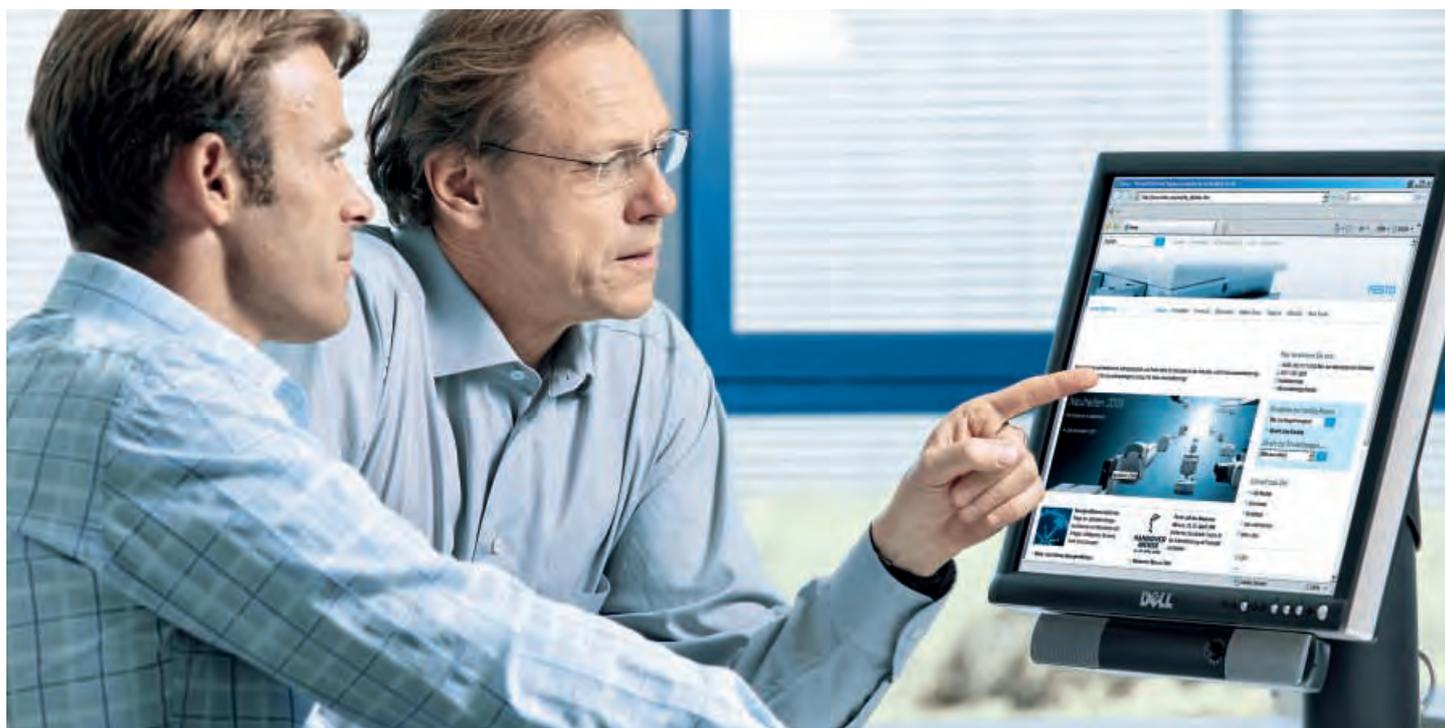
Can elastomers withstand contact with glycol?

Which high-grade steel is suitable for use in acetic acid?

These and numerous other questions regarding the media resistance of different materials are answered quickly and easily here.

Tubing selection software

Simply enter your application-specific requirements and wait for the system to guide you quickly and reliably to the appropriate solution.



Process reliability and reduction in costs for low value items

Low value items have a significant influence on procurement and stock administration costs. In general, they represent a small proportion of total material costs but a large proportion of the material to be managed. Festo's Logistics Optimisation Service helps reduce the costs of stock administration and the ordering process while increasing process reliability at the same

time. Festo supports your logistics concept by providing independent modules from the Logistics Optimisation Service.

The benefit to you

- Reduced order costs thanks to optimised ordering processes
- Fewer quality defects due a lower error rate
- Avoid unnecessary financial outlay thanks to a perfect parts range

Select the suitable solution for your processes from the Festo logistics products.



Module 1: Analysis of the product range and the logistical process

- What products are ordered, how often and in what quantities?
- Simplifying or expanding the product range
- Finding potential for optimisation
- Planning of optimal storage and ordering quantities, as well as order cycles
- Annual statistics of your ordering behaviour

→ For details, see PSI 912.13

Module 2: Optimising product identification

- Stock labels with product illustrations make identification easier
- Coding user-specific information in all popular bar code and national languages facilitates integration into the customer's existing system

→ For details, see PSI 912.11

Module 3: Optimisation of the ordering process

- Compiling pre-defined ordering quantities using bar code scanners
- Simple importing of scanned data into the Festo Online Shop
- 1-step ordering process – no waiting between request, price information and order

→ For details, see PSI 912.11

Festo stock labels – reliable, quick, individual

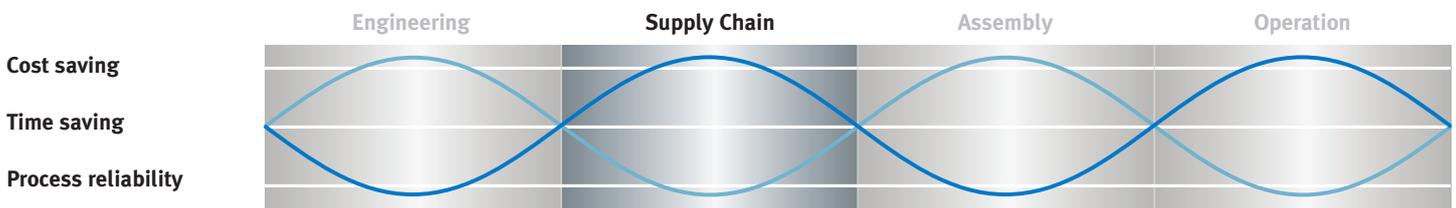
Standard specifications

- Festo product designation — Push-in T-fitting
- Festo type code — QST-1/8-6
- Festo part number — Festo mat: 153107
- Optimised ordering quantity — Cust. mat: 7311867
- Location: Shelf 5/3
- Quantity: 10 PC.



Optional specifications

- Image or outline drawing
- Customer material number
- Location
- Bar code



Cleverly combined: Tubing-fitting combinations for all applications!

The right choice of the correct tubing-fitting combination is largely based on knowing its precise place of installation. To gain a quick understanding of the application, this can often be quickly determined by a single

characteristic. One glance at the overview of our most popular tubing-fitting combinations enables you to make a quick and targeted choice.

Tubing

	Polyurethan (PU)						Polyethylen (PE)		Polyamid (PA)			PFA**
Resistance and suitability	PUN/PUN-DUO	PUN-H/ PUN-H DUO	PUN-E	PUN-CM	PUN-VO	PUN-VO-C	PLN	PEN	PAN	PAN-R	PAN-VO	PFAN
Media	Compressed air, vacuum	Compressed air, vacuum water*	Compressed air, vacuum	Compressed air, vacuum	Compressed air, vacuum, water*	Compressed air, vacuum, water*	Compressed air, vacuum, water*, cleaning	Compressed air, vacuum	Compressed air, vacuum	Compressed air, vacuum	Compressed air, vacuum water*	Compressed air, vacuum water*, acid, alkalis agents
Temperature [°C]	-35...60	-35...60	-35...50	-35...60	-35...60	-35...60	-30...80	-30...60	-30...80	-30...80	-30...90	-20...150
Operating pressure, temperature dependent [bar]	-0.95...10	-0.95...10	-0.95...8	-0.95...10	-0.95...10	-0.95...10	-0.95...14	-0.95...10	-0.95...19	-0.95...35	-0.95...12	-0.95...16
Chemical resistant	+	+	+	+	+	+	++	++	++	++	-	+++
Hydrolysis resistant	+	+++	+++	+	+	+	+++	+++	++	++	+	+++
Antistatic	-	-	-	+++	-	-	-	-	-	-	-	-
Flame-retardant UL94 V0-V2	-	-	-	-	+++	+++	-	-	-	-	+++	+++
Food industry approval	-	+++	-	-	-	-	+++	-	-	-	-	+++
Halogen-free	+++	+++	+++	+++	+++	+++	+++	+++	-	-	-	-

** Perfluoralkoxy

Fitting

	Plastic/brass			All-metal	Stainless steel	Metal	Plastic
Resistance and suitability	QS(M)	QS(M)-B	QS-V0	QS-F	CRQS	NPQM	NPQP
Media	Compressed air, vacuum, water*	Compressed air, vacuum	Compressed air, vacuum, water*	Compressed air, vacuum, water*	Compressed air, vacuum, water* acid, alkalis	Compressed air, vacuum	Compressed air, vacuum
Temperature [°C]	-10...80	-10...60	0...60	0...150	-15...120	-20...70	-20...60
Operating pressure, temperature dependent [bar]	-0.95...14	-0.95...10	-0.95...10	-0.95...16	-0.95...10	-0.95...16	-0.95...10
Chemical resistant	+	+	+	++	+++	+	+++
Hydrolysis resistant	+	+	+	+++	+++	++	+++
Antistatic	-	-	-	+++	+++	+++	-
Flame-retardant UL94 V0-V2	-	-	+++	+++	+++	++	-
Food industry approval	-	-	-	++	+++	-	-
Halogen-free	+++	+++	+++	+++	+++	+++	+++

+++ very suitable

++ quite suitable

+ suitable

- not suitable

* water and other media on request



In all variants...

always a quick...

and reliable connection!

	Application	Tubing	Fitting	Details
	Economical I	PEN	QS-B GRLA-QS-B-20	The universally suitable combination at an attractive price. Can be widely used thanks to highly resistant materials. Easy to install thanks to optimised bending radii.
	Economical II	PEN	NPQM VFOC	The universal solution for metal fittings. Perfect for standard pneumatics applications in many different fields.
	Wide choice of variants	PUN	QS GRLA-QS-RS-D	More than 1000 types for maximum flexibility in standard applications.
	Hydrolysis resistant	PUN-H	QS GRLA-QS-RS-B	For applications in humid environments or in contact with water at up to 60 °C. PUN-H – microbe resistant thanks to modified material.
	Pressure resistant I	PAN	QS GRLA-QS-RS-B	Safe connection when used in pressure ranges of up to 14 bar. Economical in pneumatic installations operating in the high pressure range.
	Pressure resistant II	PAN-R	QS-F GRLA-F-QS-D	The high performance combination for applications in pressure ranges of up to 16 bar: For example, applications using the pressure booster DPA.
	Heat resistant	PFAN	QS-F GRLA-F-QS-D	For a reliable compressed air supply in high-temperature areas. Up to 10 bar at 80 °C or 6 bar at 150 °C – maximum process security at all times.
	Antistatic	PUN-CM	NPQM GRLA-F-QS-D	Electrically conductive tubing combined with an all-metal fitting.
	Food industry approved I	PUN-H	QS-F CRGRLA	FDA approval for use in the food industry – a hydrolysis resistant combination with enhanced functionality.
	Food industry approved II	PFAN	CRQS CRGRLA	Created for the highest standards, thanks to the highest corrosion resistance: this combination excels wherever maximum food hygiene is needed.
	Resistant to cleaning agents	PLN	NPQP	The cost-effective alternative to stainless steel is highly resistant to all usual cleaning agents and has maximum corrosion protection. That makes it perfect for critical environments such as splash zones.
	Media resistant	PFAN	NPQP	Completely resistant to all cleaning agents and lubricants and even permits the conveyance of acids and lyes without any problems.
	Flame retardant	PUN-VO	NPQM	Safe in areas where there is a risk of fire thanks to flame retardant properties to UL94.
	Resistant to welding spatter I	PUN-VO-C	QS-F GRLA-F-QS-D	The economical combination for applications in indirect proximity to welding applications. Safe thanks to a tubing wall thickness of 2 mm for all diameters.
	Resistant to welding spatter II	PAN-VO	QS-VO	Safe even in indirect proximity to welding spatter. Two-layer tubing and special fitting.

QS standard – Part 1 of 2 – Push-in fittings

Here you will find the optimum fittings in polymer design for applications shown opposite.

With appropriate tubing from poster 6 you will always obtain the right tubing/fitting combination.



Wide range of variants:
PUN/QS

Over 1000 types for maximum flexibility in standard applications.



Hydrolysis resistant:
PUN-H/QS

For applications in damp environments or when in contact with water at up to 60 °C. PUN-H – microbe resistant thanks to modified material.



Pressure resistant I:
PAN/QS

Reliable connection with pressure ranges up to 14 bar. Economical with pneumatic installations in the high pressure range.

QS standard, Mini

Push-in fitting

Type	A	D2	PU	PN
QSM... M3	3	10	153301	
QSM... M3	3	100	130775	
QSM... M3	4	10	153303	
QSM... M3	4	100	130776	
QSM... M5	3	10	153302	
QSM... M5	3	100	130777	
QSM... M5	4	10	153304	
QSM... M5	4	100	130778	
QSM... M5	6	10	153306	
QSM... M5	6	100	130779	
QSM... M6	6	1	132600	
QSM... R1/8	4	10	153305	
QSM... R1/8	4	100	130755	
QSM... R1/8	6	10	153307	
QSM... R1/8	6	100	130756	
QSM... G1/8	4	10	186264	
QSM... G1/8	6	10	186265	

Push-in L-fitting

Type	A	D2	PU	PN
QSML... M3	3	10	153330	
QSML... M3	3	100	130768	
QSML... M3	4	10	153332	
QSML... M3	4	100	130769	
QSML... M5	3	10	153331	
QSML... M5	3	100	130770	
QSML... M5	4	10	153333	
QSML... M5	4	100	130771	
QSML... M5	6	10	153335	
QSML... M5	6	100	130772	
QSML... M7	4	10	186352	
QSML... M7	4	100	130773	
QSML... M7	6	10	186353	
QSML... M7	6	100	130774	
QSML... R1/8	4	10	153334	
QSML... R1/8	4	100	130764	
QSML... R1/8	6	10	153336	
QSML... R1/8	6	100	130765	
QSML... G1/8	4	10	186268	
QSML... G1/8	4	100	132897	

Push-in L-fitting

Type	A	D2	PU	PN
QSMLV... M5	3	10	130830	
QSMLV... M5	4	10	130831	
QSMLV... M7	4	10	130832	
QSMLV... M7	6	10	130833	

Push-in long L-fitting

Type	A	D2	PU	PN
QSMLLV... M5	3	10	130834	
QSMLLV... M5	4	10	130835	
QSMLLV... M7	4	10	130836	
QSMLLV... M7	6	10	130837	

Push-in fitting

Type	A	D2	PU	PN
QS... R1/8	4	10	153001	
QS... R1/8	4	100	130674	
QS... R1/8	6	10	153002	
QS... R1/8	6	100	130675	
QS... R1/8	8	10	153004	
QS... R1/8	8	50	130676	
QS... R1/8	10	10	190643	
QS... R1/4	4	10	190644	
QS... R1/4	6	10	153003	
QS... R1/4	6	100	130677	
QS... R1/4	8	10	153005	
QS... R1/4	8	50	130678	
QS... R1/4	10	10	153007	
QS... R1/4	10	50	130679	
QS... R1/4	12	10	164980	
QS... R1/4	12	20	130680	
QS... R3/8	6	10	190645	
QS... R3/8	8	10	153006	
QS... R3/8	8	50	130681	
QS... R3/8	10	10	153008	
QS... R3/8	10	50	130682	
QS... R3/8	12	10	153009	
QS... R3/8	12	20	130683	
QS... R3/8	16	1	164957	
QS... R1/2	10	10	190646	
QS... R1/2	12	1	153010	
QS... R1/2	12	20	130684	
QS... R1/2	16	1	153011	
QS... R1/2	16	20	130685	

Push-in fitting

Type	A	D2	PU	PN
QS... G1/8	4	10	186095	
QS... G1/8	4	100	132036	
QS... G1/8	6	10	186096	
QS... G1/8	6	100	132037	
QS... G1/8	8	10	186098	
QS... G1/8	8	50	132038	
QS... G1/4	6	10	186097	
QS... G1/4	6	100	132039	
QS... G1/4	8	10	186099	
QS... G1/4	8	50	132040	
QS... G1/4	10	10	186101	
QS... G1/4	10	50	132041	
QS... G1/4	12	10	186350	
QS... G1/4	12	20	132042	
QS... G3/8	8	10	186100	
QS... G3/8	8	50	132043	
QS... G3/8	10	10	186102	
QS... G3/8	10	50	132044	
QS... G3/8	12	10	186103	
QS... G3/8	12	20	132045	
QS... G3/8	16	1	186347	
QS... G1/2	12	1	186104	
QS... G1/2	12	20	132046	
QS... G1/2	16	1	186105	

Push-in fitting

Type	A	D2	PU	PN
QSF... G1/8	4	10	153022	
QSF... G1/8	4	100	130709	
QSF... G1/8	6	10	153023	
QSF... G1/8	6	100	130710	
QSF... G1/8	8	10	153025	
QSF... G1/8	8	50	130711	
QSF... G1/4	4	10	190650	
QSF... G1/4	6	10	153024	
QSF... G1/4	6	100	130712	
QSF... G1/4	8	10	153026	
QSF... G1/4	8	50	130713	
QSF... G1/4	10	10	153028	
QSF... G1/4	10	50	130714	
QSF... G1/4	12	10	190651	
QSF... G3/8	6	10	190652	
QSF... G3/8	8	10	153027	
QSF... G3/8	8	50	130715	
QSF... G3/8	10	10	153029	
QSF... G3/8	10	50	130716	
QSF... G3/8	12	10	153030	
QSF... G3/8	12	20	130717	
QSF... G1/2	12	1	190653	
QSF... G1/2	16	1	190654	

Push-in L-fitting

Type	A	D2	PU	PN
QSLV...-I R1/8	6	10	153097	
QSLV...-I R1/8	8	10	153099	
QSLV...-I R1/4	6	10	153098	
QSLV...-I R1/4	8	10	153100	
QSLV...-I R1/4	10	10	153102	
QSLV...-I R3/8	8	10	153101	
QSLV...-I R3/8	10	10	153103	
QSLV...-I R3/8	12	10	153104	
QSLV...-I R1/2	12	1	153105	
QSLV...-I G1/8	6	10	186148	
QSLV...-I G1/8	8	10	186150	
QSLV...-I G1/4	6	10	186149	
QSLV...-I G1/4	8	10	186151	
QSLV...-I G1/4	10	10	186153	
QSLV...-I G3/8	8	10	186152	
QSLV...-I G3/8	10	10	186154	
QSLV...-I G3/8	12	10	186155	
QSLV...-I G1/2	12	1	186156	

Push-in fitting, self-sealing

Type	A	D2	PU	PN
QSK... M5	4	1	153291	
QSK... M5	6	1	153292	
QSK... R1/8	4	1	153419	
QSK... R1/8	6	1	153420	
QSK... R1/8	8	1	153422	
QSK... R1/4	6	1	153421	
QSK... R1/4	8	1	153423	
QSK... R1/4	10	1	153425	
QSK... R3/8	8	1	153424	
QSK... R3/8	10	1	153426	
QSK... R3/8	12	1	153427	
QSK... R1/2	12	1	153428	
QSK... G1/8	4	1	186294	
QSK... G1/8	6	1	186295	
QSK... G1/8	8	1	186297	
QSK... G1/4	6	1	186269	
QSK... G1/4	8	1	186298	
QSK... G3/8	8	1	186300	
QSK... G3/8	8	1	186299	
QSK... G3/8	10	1	186301	
QSK... G3/8	12	1	186302	
QSK... G1/2	12	1	186303	

Push-in L-fitting

Type	A	D2	PU	PN
QSL... G1/8	4	10	186116	
QSL... G1/8	4	100	132048	
QSL... G1/8	6	10	186117	
QSL... G1/8	6	100	132049	
QSL... G1/8	8	10	186119	
QSL... G1/8	8	50	132050	
QSL... G1/4	6	10	186118	
QSL... G1/4	6	100	132051	
QSL... G1/4	8	10	186120	
QSL... G1/4	8	50	132052	
QSL... G1/4	10	10	186122	
QSL... G1/4	10	50	132053	
QSL... G1/4	12	10	186351	
QSL... G1/4	12	20	132054	
QSL... G3/8	8	10	186121	
QSL... G3/8	8	50	132055	
QSL... G3/8	10	10	186123	
QSL... G3/8	10	20	132056	
QSL... G3/8	12	10	186124	
QSL... G3/8	12	20	132057	
QSL... G3/8	16	1	186348	
QSL... G1/2	12	1	186125	
QSL... G1/2	12	20	132058	
QSL... G1/2	16	1	186126	
QSL... G1/2	16	20	132059	

Push-in fitting

Type	A	D2	PU	PN
QSM... M3	3	10	153312	
QSM... M3	4	10	153314	
QSM... M5	3	10	153313	
QSM... M5	4	10	153315	
QSM... M5	6	10	153317	
QSM... M7	4	10	153319	
QSM... M7	6	10	153321	
QSM... R1/8	4	10	153316	
QSM... R1/8	6	10	153318	
QSM... G1/8	4	10	186266	
QSM... G1/8	6	10	186267	

Push-in long L-fitting

Type	A	D2	PU	PN
QSMLL... M3	3	10	153337	
QSMLL... M3	4	10	153338	
QSMLL... M5	3	10	130838	
QSMLL... M5	4	10	153339	
QSMLL... M5	6	10	153341	
QSMLL... M7	4	10	186354	
QSMLL... M7	6	10	186355	
QSMLL... R1/8	4	10	153340	
QSMLL... R1/8	6	10	153342	
QSMLL... G1/8	4	10	186270	
QSMLL... G1/8	6	10	186271	

Push-in T-fitting

Type	A	D2	PU	PN
QSMT... M3	3	10	153351	
QSMT... M3	4	10	153353	
QSMT... M5	3	10	153352	
QSMT... M5	4	10	153354	
QSMT... M5	6	10	153356	
QSMT... M5	6	100	130785	
QSMT... R1/8	4	10	153355	
QSMT... R1/8	6	10	153357	
QSMT... G1/8	4	10	186272	
QSMT... G1/8	6	10	186273	

Push-in fitting

Type	A	D2	PU	PN
QS...-I R1/8	4	10	153012	
QS...-I R1/8	6	10	153013	

For quick and reliable selection at the office and in the workshop

This page provides an overview of all included posters!

	Poster	Types	Applications
QS	Standard fittings Part 1 von 2	<ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	<ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Standard fittings Part 2 von 2	<ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	<ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Standard connectors	<ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	<ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Fittings connectors for core functions	<ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	<ul style="list-style-type: none"> • Economical
NPQM	Metallic push-in fittings	<ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	<ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
NPQP	Polypropylene fittings	<ul style="list-style-type: none"> • Plug connectors, L, T, Y-shaped • Plug connectors, L, T, Y-shaped • Bulkhead connector • Blanking plugs 	<ul style="list-style-type: none"> • Cleaning agent • Media resistant
QS-F CRQS QS-V0	Metal and special fittings/connectors	<ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	<ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Plastic tubing	<ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	<ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Threaded fittings and flow control valves	<ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	<ul style="list-style-type: none"> • For all applications

QS standard – Part 2 of 2 – Push-in fittings

Here you will find the optimum fittings in polymer design for applications shown opposite.

With appropriate tubing from poster 6 you will always obtain the right tubing/fitting combination.



Wide range of variants:
PUN/QS

Over 1000 types for maximum flexibility with standard applications.



Hydrolysis resistant:
PUN-H/QS

For applications in damp environments or in contact with water up to 60 °C. PUN-H – microbe resistant thanks to modified material.



Pressure resistant I:
PAN/QS

Reliable connection with pressure ranges up to 14 bar. Economical with pneumatic installations in the high pressure range.



QS standard

Push-in L-fitting



Type	A	D2	PU	PN
QSLF... G1/8	4	10	153273	
QSLF... G1/8	6	10	153274	
QSLF... G1/8	8	10	153276	
QSLF... G1/4	6	10	153275	
QSLF... G1/4	8	10	153277	
QSLF... G1/4	10	10	153279	
QSLF... G3/8	8	10	153278	
QSLF... G3/8	10	10	153280	

Push-in L-fitting



Type	A	D2	PU	PN
QSLV... M5	6	10	190666	
QSLV... R1/8	4	10	153086	
QSLV... R1/8	4	100	130749	
QSLV... R1/8	6	10	153087	
QSLV... R1/8	6	100	130750	
QSLV... R1/8	8	10	153089	
QSLV... R1/8	8	50	130751	
QSLV... R1/4	6	10	153088	
QSLV... R1/4	6	100	130752	
QSLV... R1/4	8	10	153090	
QSLV... R1/4	8	50	130753	
QSLV... R1/4	10	10	153092	
QSLV... R1/4	10	50	130754	
QSLV... R3/8	8	10	153091	
QSLV... R3/8	10	10	153093	
QSLV... R3/8	12	10	153094	
QSLV... R1/2	12	1	153095	
QSLV... R1/2	16	1	153096	
QSLV... G1/8	4	10	186137	
QSLV... G1/8	4	100	132060	
QSLV... G1/8	6	10	186138	
QSLV... G1/8	6	100	132061	
QSLV... G1/8	8	10	186140	
QSLV... G1/8	8	50	132062	
QSLV... G1/4	6	10	186139	
QSLV... G1/4	6	100	132063	
QSLV... G1/4	8	10	186141	
QSLV... G1/4	8	50	132064	
QSLV... G1/4	10	10	186143	
QSLV... G1/4	10	50	132065	
QSLV... G3/8	8	10	186142	
QSLV... G3/8	10	10	186144	
QSLV... G3/8	12	10	186145	
QSLV... G1/2	12	1	186146	
QSLV... G1/2	16	1	186147	

Push-in L-fitting



Type	A	D2	PU	PN
QSRL... M5	4	1	153529	
QSRL... M5	6	1	153530	
QSRL... R1/8	4	1	153410	
QSRL... R1/8	6	1	153411	
QSRL... R1/8	8	1	153413	
QSRL... R1/4	6	1	153412	
QSRL... R1/4	8	1	153414	
QSRL... R3/8	8	1	153415	
QSRL... R3/8	10	1	153416	
QSRL... R3/8	12	1	153417	
QSRL... R1/2	12	1	153418	
QSRL... G1/8	4	1	186285	
QSRL... G1/8	6	1	186286	
QSRL... G1/8	8	1	186288	
QSRL... G1/4	6	1	186287	
QSRL... G1/4	8	1	186289	
QSRL... G3/8	8	1	186290	
QSRL... G3/8	10	1	186291	
QSRL... G3/8	12	1	186292	
QSRL... G1/2	12	1	186293	

Push-in T-fitting



Type	A	D2	PU	PN
QST... R1/8	4	10	153106	
QST... R1/8	4	100	130793	
QST... R1/8	6	10	153107	
QST... R1/8	6	100	130794	
QST... R1/8	8	10	153109	
QST... R1/8	8	50	130795	
QST... R1/8	10	10	190667	
QST... R1/4	4	10	190668	
QST... R1/4	6	10	153108	
QST... R1/4	6	100	130796	
QST... R1/4	8	10	153110	
QST... R1/4	8	50	130797	
QST... R1/4	10	10	153112	
QST... R1/4	10	50	130798	
QST... R1/4	12	10	190669	
QST... R3/8	6	10	190670	
QST... R3/8	8	10	153111	
QST... R3/8	8	50	130799	
QST... R3/8	10	10	153113	
QST... R3/8	10	20	130800	
QST... R3/8	12	10	153114	
QST... R3/8	12	20	130801	
QST... R3/8	16	1	164959	

Push-in T-fitting



Type	A	D2	PU	PN
QST... G1/8	4	10	186157	
QST... G1/8	4	100	132066	
QST... G1/8	6	10	186158	
QST... G1/8	6	100	132067	
QST... G1/8	8	10	186160	
QST... G1/8	8	50	132068	
QST... G1/4	6	10	186159	
QST... G1/4	6	100	132069	
QST... G1/4	8	10	186161	
QST... G1/4	8	50	132070	
QST... G1/4	10	10	186163	
QST... G1/4	10	50	132071	
QST... G3/8	8	10	186162	
QST... G3/8	8	50	132072	
QST... G3/8	10	10	186164	
QST... G3/8	10	20	132073	
QST... G3/8	12	10	186165	
QST... G3/8	12	20	132074	
QST... G3/8	16	1	186349	
QST... G1/2	12	1	186166	
QST... G1/2	16	1	186167	

Push-in T-fitting



Type	A	D2	PU	PN
QSTL... R1/8	4	10	153117	
QSTL... R1/8	4	100	130824	
QSTL... R1/8	6	10	153118	
QSTL... R1/8	6	100	130825	
QSTL... R1/8	8	10	153120	
QSTL... R1/8	8	50	130826	
QSTL... R1/4	6	10	153119	
QSTL... R1/4	6	100	130827	
QSTL... R1/4	8	10	153121	
QSTL... R1/4	8	50	130828	
QSTL... R1/4	10	10	153123	
QSTL... R1/4	10	50	130829	
QSTL... R3/8	8	10	153122	
QSTL... R3/8	10	10	153124	
QSTL... R3/8	12	10	153125	
QSTL... R1/2	12	1	153126	
QSTL... R1/2	16	1	153127	
QSTL... G1/8	4	10	186168	
QSTL... G1/8	4	100	132075	
QSTL... G1/8	6	10	186169	
QSTL... G1/8	6	100	132076	
QSTL... G1/8	8	10	186171	
QSTL... G1/8	8	50	132077	
QSTL... G1/4	6	10	186170	
QSTL... G1/4	6	100	132078	
QSTL... G1/4	8	10	186172	
QSTL... G1/4	8	50	132079	
QSTL... G1/4	10	10	186174	
QSTL... G1/4	10	50	132080	
QSTL... G3/8	8	10	186173	
QSTL... G3/8	10	10	186175	
QSTL... G3/8	12	10	186176	
QSTL... G1/2	12	1	186177	
QSTL... G1/2	16	1	186178	

Push-in fitting



Type	A	D2	PU	PN
QSW... R1/8	4	10	130596	
QSW... R1/8	6	10	130597	
QSW... R1/8	8	10	130598	
QSW... R1/4	6	10	130599	
QSW... R1/4	8	10	130600	
QSW... R1/4	10	10	130601	
QSW... R3/8	8	10	130602	
QSW... R3/8	10	10	130603	
QSW... R1/2	12	1	130604	
QSW... R1/2	16	1	130605	

Push-in Y-fitting



Type	A	D2	PU	PN
QSY... M5	4	10	190673	
QSY... M5	6	10	190674	
QSY... R1/8	4	10	153138	
QSY... R1/8	6	10	153139	
QSY... R1/8	8	10	153141	
QSY... R1/4	4	10	190675	
QSY... R1/4	6	10	153140	
QSY... R1/4	8	10	153142	
QSY... R1/4	10	10	153144	
QSY... R3/8	8	10	153143	
QSY... R3/8	10	10	153145	
QSY... R3/8	12	10	153146	
QSY... G1/8	4	10	186179	
QSY... G1/8	6	10	186180	
QSY... G1/8	8	10	186182	
QSY... G1/4	6	10	186181	
QSY... G1/4	8	10	186183	
QSY... G1/4	10	10	186185	
QSY... G3/8	8	10	186184	
QSY... G3/8	10	10	186186	
QSY... G3/8	12	10	186187	

Push-in Y-fitting



Type	A	D2	PU	PN
QSYL... R1/8	4	1	153172	
QSYL... R1/8	6	1	153173	
QSYL... R1/8	8	1	153175	
QSYL... R1/4	6	1	153174	
QSYL... R1/4	8	1	153176	
QSYL... R1/4	10	1	153178	
QSYL... R3/8	8	1	153177	
QSYL... R3/8	10	1	153179	
QSYL... R3/8	12	1	153180	
QSYL... R1/2	12	1	153181	
QSYL... G1/8	4	1	186189	
QSYL... G1/8	6	1	186190	
QSYL... G1/8	8	1	186192	
QSYL... G1/4	6	1	186191	
QSYL... G1/4	8	1	186193	
QSYL... G1/4	10	1	186195	
QSYL... G3/8	8	1	186194	
QSYL... G3/8	10	1	186196	
QSYL... G3/8	12	1	186197	
QSYL... G1/2	12	1	186198	

Push-in Y-fitting



Type	A	D2	PU	PN
QSYLV... R1/8	6	1	153192	
QSYLV... R1/4	8	1	153193	
QSYLV... R3/8	10	1	153194	
QSYLV... G1/8	6	1	186209	
QSYLV... G1/4	8	1	186210	
QSYLV... G3/8	10	1	186211	
QSYLV... G1/2	12	1	186212	



Type	A	D2	PU	PN
QSYTF... R1/8	6	1	153196	
QSYTF... R1/4	8	1	153197	
QSYTF... R3/8	10	1	153198	
QSYTF... R1/2	12	1	153199	
QSYTF... G1/4	8	1	186213	
QSYTF... G1/4	8	1	186214	
QSYTF... G3/8	10	1	186215	
QSYTF... G1/2	12	1	186216	

Multiple distributor



Type	A	D2	PU	PN
QSLV3... R1/8	4	1	153221	
QSLV3... R1/8	6	1		

For quick and reliable selection at the office and in the workshop

This page provides an overview of all included posters!

QS	Poster Standard fittings Part 1 von 2	Types <ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard fittings Part 2 von 2	Types <ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard connectors	Types <ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
NPQM	Poster Metallic push-in fittings	Types <ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
NPQP	Poster Polypropylene fittings	Types <ul style="list-style-type: none"> • Plug connectors, L, T, Y-shaped • Plug connectors, L, T, Y-shaped • Bulkhead connector • Blanking plugs 	Applications <ul style="list-style-type: none"> • Cleaning agent • Media resistant
QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Poster Plastic tubing	Types <ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	Applications <ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

QS standard – Push-in connectors

Here you will find the optimum connectors in polymer design for applications shown opposite.

With appropriate tubing from poster 6 you will always obtain the right tubing/fitting combination.



Wide range of variants:
PUN/QS

Over 1000 types for maximum flexibility with standard applications.



Hydrolysis resistant:
PUN-H/QS

For applications in damp environments or in contact with water up to 60 °C.
PUN-H – microbe resistant thanks to modified material.



Pressure resistant I:
PAN/QS

Reliable connection with pressure ranges up to 14 bar. Economical with pneumatic installations in the high pressure range.



QS standard, Mini

QS standard

Push-in connector



Type	D1	D2	PU	PN
QSM-...	3	3	10	153323
QSM-...	3	3	100	130757
QSM-...	4	4	10	153324
QSM-...	4	4	100	130758
QSM-...	6	6	10	153325
QSM-...	6	6	100	130759
reducing				
QSM-...	4	3	10	153326
QSM-...	4	3	100	130760
QSM-...	6	4	10	153327
QSM-...	6	4	100	130761

Push-in connector with push-in sleeve



Type	D1	D2	PU	PN
QSM-...H	4	3	10	153328
QSM-...H	4	3	100	130762
QSM-...H	6	4	10	153329
QSM-...H	6	4	100	130763

Push-in L-connector



Type	D1	D2	PU	PN
QSM-...	3	3	10	153343
QSM-...	4	4	10	153344
QSM-...	4	4	100	130766
QSM-...	6	6	10	153345
QSM-...	6	6	100	130767
with push-in sleeve				
QSM-...H	3	3	10	153346
QSM-...H	4	4	10	153347
QSM-...H	6	6	10	153348
reducing				
QSM-...H	4	3	10	153349
QSM-...H	6	4	10	153350

Push-in T-connector



Type	D1	D2	PU	PN
QSM-...	3	3	10	153365
QSM-...	4	4	10	153366
QSM-...	4	4	100	130782
QSM-...	6	6	10	153367
QSM-...	6	6	100	130783
reducing				
QSM-...	4	3	10	153368
QSM-...	6	4	10	153369

Push-in X-connector



Type	D1	D2	PU	PN
QSMX	3	3	10	153378
QSMX	4	4	10	153379
QSMX	6	6	10	153380

Push-in Y-connector



Type	D1	D2	PU	PN
QSMY	3	3	10	153370
QSMY	4	4	10	153371
QSMY	6	6	10	153372
reducing				
QSMY	4	3	10	153373
QSMY	6	4	10	153374

Blanking plug



Type	D1	PU	PN
QSC-...H	4	10	153267
QSC-...H	4	100	130699
QSC-...H	6	10	153268
QSC-...H	6	100	130700
QSC-...H	8	10	153269
QSC-...H	8	50	130701
QSC-...H	10	10	153270
QSC-...H	10	50	130702
QSC-...H	12	10	153271
QSC-...H	12	20	130703
QSC-...H	16	10	153272

Push-in connector



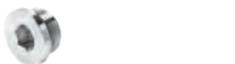
Type	D1	D2	PU	PN
QS-...	4	4	10	153031
QS-...	4	4	100	130686
QS-...	6	6	10	153032
QS-...	6	6	100	130687
QS-...	8	8	10	153033
QS-...	8	8	50	130688
QS-...	10	10	10	153034
QS-...	10	10	50	130689
QS-...	12	12	10	153035
QS-...	12	12	20	130690
QS-...	16	16	1	153036
reducing				
QS-...	6	4	10	153037
QS-...	6	4	100	130691
QS-...	8	4	10	130606
QS-...	8	6	10	153038
QS-...	8	6	50	130692
QS-...	10	6	10	130607
QS-...	10	8	10	153039
QS-...	10	8	50	130693
QS-...	12	8	10	130608
QS-...	12	10	10	153040
QS-...	12	10	20	130694

Push-in cap



Type	D1	PU	PN
QSMC-...	3	10	153381
QSC-...	4	10	153262
QSC-...	4	100	130704
QSC-...	6	10	153263
QSC-...	6	100	130705
QSC-...	8	10	153264
QSC-...	8	50	130706
QSC-...	10	10	153265
QSC-...	10	50	130707
QSC-...	12	10	153266
QSC-...	12	20	130708

Locking screw



Type	D1	PU	PN
QSC-...-I	G1/8F	10	556857
QSC-...-I	G1/4F	10	556858
QSC-...-I	G3/8F	10	556859
QSC-...-I	G1/2F	10	556860

Push-in connector with push-in sleeve



Type	D1	D2	PU	PN
QS-...H	4	6	10	153041
QS-...H	4	6	100	130695
QS-...H	4	8	10	130622
QS-...H	6	8	10	153042
QS-...H	6	8	50	130696
QS-...H	6	10	10	130623
QS-...H	8	10	10	153043
QS-...H	8	10	50	130697
QS-...H	8	12	10	130624
QS-...H	10	12	10	153044
QS-...H	10	12	20	130698

Push-in sleeve



Type	D1	D2	PU	PN
QSH-...	4	4	10	153251
QSH-...	4	4	100	130723
QSH-...	6	6	10	153252
QSH-...	6	6	100	130724
QSH-...	8	8	10	153253
QSH-...	8	8	50	130725
QSH-...	10	10	10	153254
QSH-...	10	10	50	130726
QSH-...	12	12	10	153255
QSH-...	12	12	20	130727
QSH-...	16	16	10	153256
reducing				
QSH-...	6	4	10	153257
QSH-...	6	4	100	130718
QSH-...	8	4	10	130625
QSH-...	8	6	10	153258
QSH-...	8	6	50	130719
QSH-...	10	6	10	130626
QSH-...	10	8	10	153259
QSH-...	10	8	50	130720
QSH-...	12	8	10	130627
QSH-...	12	10	10	153260
QSH-...	12	10	20	130721
QSH-...	16	12	1	153261
QSH-...	16	12	20	130722

Push-in bulkhead connector



Type	D1	D2	PU	PN
QSMS-...	3	3	10	153375
QSMS-...	4	4	10	153376
QSMS-...	4	4	100	130780
QSMS-...	6	6	10	153377
QSMS-...	6	6	100	130781

Push-in bulkhead connector



Type	D1	D2	PU	PN
QSS-...	4	4	10	153157
QSS-...	4	4	100	130788
QSS-...	6	6	10	153158
QSS-...	6	6	100	130789
QSS-...	8	8	10	153159
QSS-...	8	8	50	130790
QSS-...	10	10	10	153160
QSS-...	10	10	50	130791
QSS-...	12	12	10	153161
QSS-...	12	12	20	130792

Push-in bulkhead connector with fixed collar



Type	D1	D2	PU	PN
QSS-F-...	4	4	10	193950
QSS-F-...	6	6	10	193951
QSS-F-...	8	8	10	130642
QSS-F-...	10	10	10	130643
QSS-F-...	12	12	10	130644

Push-in connector, self-sealing



Type	D1	D2	PU	PN
QSK-...	4	4	10	153439
QSK-...	6	6	10	153440
QSK-...	8	8	10	153441
QSK-...	10	10	10	153442
QSK-...	12	12	10	153443

Push-in bulkhead connector blocking



Type	D1	D2	PU	PN
QSSK-...	4	4	10	130637
QSSK-...	6	6	10	130638
QSSK-...	8	8	10	130639
QSSK-...	10	10	10	130640
QSSK-...	12	12	10	130641

Push-in L-connector



Type	D1	D2	PU	PN
QSL-...	4	4	10	153070
QSL-...	4	4	100	130740
QSL-...	6	6	10	153071
QSL-...	6	6	100	130741
QSL-...	8	8	10	153072
QSL-...	8	8	50	130742
QSL-...	10	10	10	153073
QSL-...	10	10	50	130743
QSL-...	12	12	10	153074
QSL-...	12	12	20	130744
QSL-...	16	16	1	153075

Push-in L-connector with push-in sleeve



Type	D1	D2	PU	PN
QSL-H-...	4	4	10	153056
QSL-H-...	4	4	100	130745
QSL-H-...	6	6	10	153057
QSL-H-...	6	6	100	130746
QSL-H-...	8	8	10	153058
QSL-H-...	8	8	50	130747
QSL-H-...	10	10	10	153059
QSL-H-...	10	10	50	130748
QSL-H-...	12	12	10	153060
reducing				
QSL-H-...	6	4	10	153061
QSL-H-...	8	6	10	153062
QSL-H-...	10	8	10	153063
QSL-H-...	12	10	10	153064

Push-in L-connector with long push-in sleeve



Type	D1	D2	PU	PN
QSL-HL-...	4	4	10	153065
QSL-HL-...	6	6	10	153066
QSL-HL-...	8	8	10</	

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QS	Poster Standard fittings Part 1 von 2	Types <ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard fittings Part 2 von 2	Types <ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard connectors	Types <ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
NPQM	Poster Metallic push-in fittings	Types <ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
NPQP	Poster Polypropylene fittings	Types <ul style="list-style-type: none"> • Plug connectors, L, T, Y-shaped • Plug connectors, L, T, Y-shaped • Bulkhead connector • Blanking plugs 	Applications <ul style="list-style-type: none"> • Cleaning agent • Media resistant
QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Poster Plastic tubing	Types <ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	Applications <ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

QS-B for core functions – Push-in fittings and connectors

Here you will find the optimum fittings in polymer design for applications shown opposite.

With appropriate tubing from poster 6 you will always obtain the right tubing/fitting combination.



**Economical I:
PUN-E/QS-B**

Core functions at an attractive price. Easy to install, thanks to inherent resilience in the case of tubing bends. Practical: Reels from 50 up to 500 m.

QS-B Mini

Push-in fitting



Type	A	D2	PU	PN
QSM-B M3	3	20	132102	
QSM-B M3	4	20	130894	
QSM-B M5	3	20	132103	
QSM-B M5	4	20	130895	
QSM-B M5	6	20	130896	
QSM-B R1/8	4	20	132104	
QSM-B R1/8	6	20	132105	

Push-in fitting with internal hex



Type	A	D2	PU	PN
QSM-B-I M3	3	20	132116	
QSM-B-I M3	4	20	130909	
QSM-B-I M5	3	20	132117	
QSM-B-I M5	4	20	130910	
QSM-B-I M5	6	20	130911	
QSM-B-I M7	4	20	130912	
QSM-B-I M7	6	20	130913	
QSM-B-I R1/8	4	20	132118	
QSM-B-I R1/8	6	20	132119	

Push-in L-fitting



Type	A	D2	PU	PN
QSML-B M3	3	20	132106	
QSML-B M3	4	20	130899	
QSML-B M5	3	20	132107	
QSML-B M5	4	20	130900	
QSML-B M5	6	20	130901	
QSML-B M7	4	20	132108	
QSML-B M7	6	20	132109	
QSML-B R1/8	4	20	132110	
QSML-B R1/8	6	20	132111	

Push-in T-fitting



Type	A	D2	PU	PN
QSMT-B M3	3	20	132112	
QSMT-B M3	4	20	130904	
QSMT-B M5	3	20	132113	
QSMT-B M5	4	20	130905	
QSMT-B M5	6	20	130906	
QSMT-B R1/8	4	20	132114	
QSMT-B R1/8	6	20	132115	

QS-B fittings

Push-in fitting



Type	A	D2	PU	PN
QS-B R1/8	4	20	130914	
QS-B R1/8	6	20	130915	
QS-B R1/8	8	20	130916	
QS-B R1/8	10	20	132120	
QS-B R1/4	4	20	130917	
QS-B R1/4	6	20	130918	
QS-B R1/4	8	20	130919	
QS-B R1/4	10	20	132121	
QS-B R1/4	12	20	132122	
QS-B R3/8	6	10	130920	
QS-B R3/8	8	10	130921	
QS-B R3/8	10	10	130922	
QS-B R3/8	12	10	132123	
QS-B R3/8	16	10	132124	
QS-B R1/2	10	10	130924	
QS-B R1/2	12	10	130925	
QS-B R1/2	16	10	132125	

Push-in fitting



Type	A	D2	PU	PN
QS-B-I R1/8	4	20	130990	
QS-B-I R1/8	6	20	130991	
QS-B-I R1/8	8	20	130992	
QS-B-I R1/8	10	20	132151	
QS-B-I R1/4	6	20	130994	
QS-B-I R1/4	8	20	130995	
QS-B-I R1/4	10	20	132152	
QS-B-I R1/4	12	20	132153	
QS-B-I R3/8	8	10	130997	
QS-B-I R3/8	10	10	130998	
QS-B-I R3/8	12	10	132154	
QS-B-I R1/2	10	10	132000	
QS-B-I R1/2	12	10	132001	

Push-in L-fitting



Type	A	D2	PU	PN
QSL-B R1/8	4	20	130926	
QSL-B R1/8	6	20	130927	
QSL-B R1/8	8	20	130928	
QSL-B R1/8	10	20	132126	
QSL-B R1/4	4	20	130929	
QSL-B R1/4	6	20	130930	
QSL-B R1/4	8	20	130931	
QSL-B R1/4	10	20	132127	
QSL-B R1/4	12	20	132128	
QSL-B R3/8	6	10	130932	
QSL-B R3/8	8	10	130933	
QSL-B R3/8	10	10	130934	
QSL-B R3/8	12	10	132129	
QSL-B R3/8	16	10	132130	
QSL-B R1/2	10	10	130936	
QSL-B R1/2	12	10	130937	
QSL-B R1/2	16	10	132131	

Push-in long L-fitting



Type	A	D2	PU	PN
QSL-B R1/8	4	20	132002	
QSL-B R1/8	6	20	132003	
QSL-B R1/8	8	20	132004	
QSL-B R1/4	6	20	132006	
QSL-B R1/4	8	20	132007	
QSL-B R3/8	6	10	132008	
QSL-B R3/8	8	10	132009	
QSL-B R3/8	10	10	132010	
QSL-B R1/2	10	10	132012	
QSL-B R1/2	12	10	132013	

Push-in T-fitting



Type	A	D2	PU	PN
QST-B R1/8	4	20	130938	
QST-B R1/8	6	20	130939	
QST-B R1/8	8	20	130940	
QST-B R1/8	10	20	132132	
QST-B R1/4	4	20	130941	
QST-B R1/4	6	20	130942	
QST-B R1/4	8	20	130943	
QST-B R1/4	10	20	132133	
QST-B R1/4	12	20	132134	
QST-B R3/8	6	10	130944	
QST-B R3/8	8	10	130945	
QST-B R3/8	10	10	130946	
QST-B R3/8	12	10	132135	
QST-B R3/8	16	10	132136	
QST-B R1/2	10	10	130948	
QST-B R1/2	12	10	130949	
QST-B R1/2	16	10	132137	

Push-in Y-fitting



Type	A	D2	PU	PN
QSY-B R1/8	4	20	132014	
QSY-B R1/8	6	20	132015	
QSY-B R1/8	8	20	132016	
QSY-B R1/4	4	20	132017	
QSY-B R1/4	6	20	132018	
QSY-B R1/4	8	20	132019	
QSY-B R3/8	6	10	132020	
QSY-B R3/8	8	10	132021	
QSY-B R3/8	10	10	132022	
QSY-B R1/2	10	10	132024	
QSY-B R1/2	12	10	132025	

QS-B connectors

Push-in connector



Type	D1	D2	PU	PN
QS-B 4	4	20	130964	
QS-B 6	6	20	130965	
QS-B 8	8	20	130966	
QS-B 10	10	10	130967	
QS-B 12	12	10	130968	
QS-B 16	16	10	132144	
reducing				
QS-B 6	4	20	130969	
QS-B 8	4	20	132145	
QS-B 8	6	20	130970	
QS-B 10	6	10	132146	
QS-B 10	8	10	130971	
QS-B 12	8	10	132147	
QS-B 12	10	10	130972	

Push-in T-connector



Type	D1	D2	PU	PN
QST-B 4	4	20	130973	
QST-B 6	6	20	130974	
QST-B 8	8	20	130975	
QST-B 10	10	10	130976	
QST-B 12	12	10	130977	
QST-B 16	16	10	132148	

Push-in L-connector



Type	D1	D2	PU	PN
QSL-B 4	4	20	130950	
QSL-B 6	6	20	130951	
QSL-B 8	8	20	130952	
QSL-B 10	10	10	130953	
QSL-B 12	12	10	130954	
QSL-B 16	16	10	132138	

Push-in Y-connector



Type	D1	D2	PU	PN
QSY-B 4	4	20	130955	
QSY-B 6	6	20	130956	
QSY-B 8	8	20	130957	
QSY-B 10	10	10	130958	
QSY-B 12	12	10	130959	
QSY-B 16	16	10	132139	

reducing

QSY-B 6	4	20	130960	
QSY-B 8	4	20	132140	
QSY-B 8	6	20	130961	
QSY-B 10	6	10	132141	
QSY-B 10	8	10	130962	
QSY-B 12	8	10	132142	
QSY-B 12	10	10	130963	
QSY-B 16	12	10	132143	

Economical combination with the suitable tube

PUN-E	PU 4	PU 6	PU 8	PU 10	PU 12
silver	50 535320	50 535321	50 535322	50 535323	50 535324
	500 534170	500 534172	400 534174	300 534176	200 534178
blue	50 535325	50 535326	50 535327	50 535328	50 535329
	500 534171	500 534173	400 534175	300 534177	200 534179
black	50 538465	50 538466	50 538467	50 538468	50 538469
	500 538460	500 538461	400 538462	300 538463	200 538464

PEN	PU 4	PU 6	PU 8	PU 10	PU 12	PU 16
nature	50 543246	50 543247	50 543248	50 543249	50 543250	50 543251
silver	50 551462	50 551463	50 551464	50 551465	50 551466	50 551467
	500 551450	500 551451	400 551452	300 551453	200 551454	100 551455
blue	50 551456	50 551457	50 551458	50 551459	50 551460	50 551461
	500 551444	500 551445	400 551446	300 551447	200 551448	100 551449
black	50 543240	50 543241	50 543242	50 543243	50 543244	50 543245
	500 551438	500 551439	400 551440	300 551441	200 551442	100 551443
green	50 551468	50 551469	50 551470	50 551471	50 551472	50 551473
red	50 551474	50 551475	50 551476	50 551477	50 551478	50 551479
yellow	50 551480	50 551481	50 551482	50 551483	50 551484	50 551485

FESTO

Legend

A Connecting thread
D1 Tubing diameter, external
D2 Tubing diameter, external
PN Part number
PU Packaging unit

Comment

All L and T fittings rotatable 360°.



For quick and reliable selection at the office and in the workshop

This page provides an overview of all included posters!

QS	Poster Standard fittings Part 1 von 2	Types <ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard fittings Part 2 von 2	Types <ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard connectors	Types <ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
NPQM	Poster Metallic push-in fittings	Types <ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
NPQP	Poster Polypropylene fittings	Types <ul style="list-style-type: none"> • Plug connectors, L, T, Y-shaped • Plug connectors, L, T, Y-shaped • Bulkhead connector • Blanking plugs 	Applications <ul style="list-style-type: none"> • Cleaning agent • Media resistant
QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Poster Plastic tubing	Types <ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	Applications <ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

Metal push-in fittings

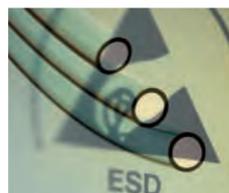
On this page, you can find the optimum metal fittings for the following applications.

You can locate the suitable tubing/fitting combination using the suitable tubes from poster 6 "Plastic tubing".



Economical: PEN/NPQM

The universal solution for metal fittings. Perfect for standard pneumatics applications in many different fields.



Antistatic: PUN-CM/NPQM

Electrically conductive tubing combined with an all-metal fitting.



Flame retardant: PUN-VO/NPQM

Safe in areas where there is a risk of fire thanks to flame retardant properties to UL94.

NPQM

Push-in fitting with internal hexagon socket



Type	A	D2	PU	PN
NPQM-DK M5	4	10	558657	
NPQM-DK M5	6	10	558658	
NPQM-DK M7	4	10	558659	
NPQM-DK M7	6	10	558660	

Push-in fitting Female thread



Type	A	D2	PU	PN
NPQM-D G1/8F	4	10	558674	
NPQM-D G1/8F	6	10	558675	
NPQM-D G1/8F	8	10	558676	
NPQM-D G1/4F	6	10	558678	
NPQM-D G1/4F	8	10	558679	
NPQM-D G1/4F	10	10	558680	

Push-in fitting



Type	A	D2	PU	PN
NPQM-D R1/8	4	10	558661	
NPQM-D R1/8	6	10	558662	
NPQM-D R1/8	8	10	558663	
NPQM-D R1/4	6	10	558664	
NPQM-D R1/4	8	10	558665	
NPQM-D R1/4	10	10	558666	
NPQM-D R1/4	12	10	558667	
NPQM-D R3/8	8	10	558668	
NPQM-D R3/8	10	10	558669	
NPQM-D R3/8	12	10	558670	
NPQM-D R1/2	10	10	558671	
NPQM-D R1/2	12	10	558672	

Push-in L-fitting



Type	A	D2	PU	PN
NPQM-L M5	4	10	558704	
NPQM-L M5	6	10	558705	
NPQM-L G1/8	4	10	558708	
NPQM-L G1/8	6	10	558709	
NPQM-L G1/8	8	10	558710	
NPQM-L G1/4	6	10	558711	
NPQM-L G1/4	8	10	558712	
NPQM-L G1/4	10	10	558713	
NPQM-L G1/4	12	10	558714	
NPQM-L G3/8	8	10	558715	
NPQM-L G3/8	10	10	558716	
NPQM-L G3/8	12	10	558717	
NPQM-L G1/2	10	10	558718	
NPQM-L G1/2	12	10	558719	

Push-in T-fitting



Type	A	D2	PU	PN
NPQM-T G1/8	4	10	558736	
NPQM-T G1/8	6	10	558737	
NPQM-T G1/8	8	10	558738	
NPQM-T G1/4	6	10	558739	
NPQM-T G1/4	8	10	558740	
NPQM-T G1/4	10	10	558741	
NPQM-T G3/8	8	10	558743	
NPQM-T G3/8	10	10	558744	
NPQM-T G3/8	12	10	558745	
NPQM-T G1/2	12	10	558747	

Push-in L-fitting



Type	D1	D2	PU	PN
NPQM-LK M5	3	10	558816	
NPQM-LK M5	4	10	558817	
NPQM-LK G1/8	4	10	558818	
NPQM-LK G1/8	6	10	558819	
NPQM-LK G1/8	8	10	558820	
NPQM-LK G1/4	6	10	558821	
NPQM-LK G1/4	8	10	558822	
NPQM-LK G1/4	10	10	558823	
NPQM-LK G3/8	12	10	558825	

Push-in L-fitting



Type	D1	D2	PU	PN
NPQM-LH M5	4	10	558827	
NPQM-LH M5	6	10	558828	
NPQM-LH G1/8	4	10	558829	
NPQM-LH G1/8	6	10	558830	
NPQM-LH G1/8	8	10	558831	
NPQM-LH G1/4	6	10	558832	
NPQM-LH G1/4	8	10	558833	
NPQM-LH G1/8	8	10	558834	
NPQM-LH G1/8	10	10	558835	
NPQM-LH G1/8	12	10	558836	

Push-in sleeve



Type	D1	PU	PN
NPQM-D	4	10	558811
NPQM-D	6	10	558812
NPQM-D	8	10	558813
NPQM-D	10	10	558814
NPQM-D	12	10	558815

Multiple distributor



Type	D1	D2	PU	PN
NPQM-LFK G1/8	4	10	558837	
NPQM-LFK G1/8	6	10	558838	
NPQM-LFK G1/8	8	10	558839	
NPQM-LFK G1/4	6	10	558840	
NPQM-LFK G1/4	8	10	558841	

Push-in L-connector with sleeve



Type	D1	D2	PU	PN
NPQM-L	4	4	10	558781
NPQM-L	6	6	10	558782
NPQM-L	8	8	10	558783
NPQM-L	10	10	10	558784

Push-in T-connector



Type	D1	D2	PU	PN
NPQM-T	4	4	10	558786
NPQM-T	6	6	10	558787
NPQM-T	8	8	10	558788
NPQM-T	10	10	10	558789
NPQM-T	12	12	10	558790

Straight plug connector with sleeve



Type	D1	D2	PU	PN
NPQM-T	4	4	10	558791
NPQM-T	6	6	10	558792
NPQM-T	8	8	10	558793
NPQM-T	10	10	10	558794

Push-in Y-connector



Type	D1	D2	PU	PN
NPQM-Y	4	4	10	558798
NPQM-Y	6	6	10	558799
NPQM-Y	8	8	10	558800
NPQM-Y	10	10	10	558801
NPQM-Y	12	12	10	558802
reducing				
NPQM-Y	6	4	10	558803
NPQM-Y	8	6	10	558804
NPQM-Y	10	8	10	558805

Push-in L-connector



Type	D1	D2	PU	PN
NPQM-L	4	4	10	558776
NPQM-L	6	6	10	558777
NPQM-L	8	8	10	558778
NPQM-L	10	10	10	558779
NPQM-L	12	12	10	558780

Push-in bulkhead connector



Type	D1	D2	PU	PN
NPQM-H	4	4	10	558806
NPQM-H	6	6	10	558807
NPQM-H	8	8	10	558808
NPQM-H	10	10	10	558809
NPQM-H	12	12	10	558810

Straight plug connector



Type	D1	D2	PU	PN
NPQM-D	4	4	10	558760
NPQM-D	6	6	10	558761
NPQM-D	8	8	10	558762
NPQM-D	10	10	10	558763
NPQM-D	12	12	10	558764

Straight plug connector with sleeve



Type	A	D2	PU	PN
NPQM-D	4	6	10	558765
NPQM-D	4	8	10	558766
NPQM-D	6	4	10	558767
NPQM-D	6	8	10	558768
NPQM-D	6	10	10	558769
NPQM-D	6	12	10	558770
NPQM-D	8	6	10	558771
NPQM-D	8	10	10	558772
NPQM-D	8	12	10	558773
NPQM-D	10	12	10	558774

Legend

A Connecting thread
D1 Tubing diameter, external
D2 Tubing diameter, external
PN Part number
PU Packaging unit

Comment

All L and T fittings rotatable 360°.

FESTO



For quick and reliable selection at the office and in the workshop

This page provides an overview of all included posters!

QS	Poster Standard fittings Part 1 von 2	Types <ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard fittings Part 2 von 2	Types <ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard connectors	Types <ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
NPQM	Poster Metallic push-in fittings	Types <ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
NPQP	Poster Polypropylene fittings	Types <ul style="list-style-type: none"> • Plug connectors, L, T, Y-shaped • Plug connectors, L, T, Y-shaped • Bulkhead connector • Blanking plugs 	Applications <ul style="list-style-type: none"> • Cleaning agent • Media resistant
QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Poster Plastic tubing	Types <ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	Applications <ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

Polypropylene fittings

On this page, you can find the optimum polypropylene fittings for the following applications.

You can locate the suitable tubing/fitting combination using the suitable tubes from poster 6 "Plastic tubing".



Resistant to cleaning agents: PLN/NPQP

The cost-effective alternative to stainless steel is highly resistant to all usual cleaning agents and has maximum corrosion protection. That makes it perfect for critical environments such as splash zones.



Media-resistant: PFAN/NPQP

Completely resistant to all cleaning agents and lubricants and even permits the conveyance of acids and lyes without any problems.

NPQP

Push-in fitting



Type	A	D2	PU	PN
NPQP-D	R1/8	4	1	132417
NPQP-D	R1/8	6	1	132418
NPQP-D	R1/8	8	1	132419
NPQP-D	R1/4	4	1	132420
NPQP-D	R1/4	6	1	132421
NPQP-D	R1/4	8	1	132422
NPQP-D	R1/4	10	1	132423
NPQP-D	R3/8	10	1	132424
NPQP-D	R3/8	12	1	132425
NPQP-D	R1/2	12	1	132426

Push-in L-fitting



Type	A	D2	PU	PN
NPQP-L	R1/8	4	1	132428
NPQP-L	R1/8	6	1	132429
NPQP-L	R1/8	8	1	132430
NPQP-L	R1/4	4	1	132431
NPQP-L	R1/4	6	1	132432
NPQP-L	R1/4	8	1	132433
NPQP-L	R1/4	10	1	132434
NPQP-L	R3/8	10	1	132435
NPQP-L	R3/8	12	1	132436
NPQP-L	R1/2	12	1	132437

Push-in L-fitting



Type	A	D2	PU	PN
NPQP-LQ	R1/8	4	1	132439
NPQP-LQ	R1/8	6	1	132440
NPQP-LQ	R1/8	8	1	132441
NPQP-LQ	R1/4	4	1	132442
NPQP-LQ	R1/4	6	1	132443
NPQP-LQ	R1/4	8	1	132444
NPQP-LQ	R1/4	10	1	132445
NPQP-LQ	R3/8	10	1	132446
NPQP-LQ	R3/8	12	1	132447
NPQP-LQ	R1/2	12	1	132448

Push-in T-fitting



Type	A	D2	PU	PN
NPQP-T	R1/8	4	1	132450
NPQP-T	R1/8	6	1	132451
NPQP-T	R1/8	8	1	132452
NPQP-T	R1/4	4	1	132453
NPQP-T	R1/4	6	1	132454
NPQP-T	R1/4	8	1	132455
NPQP-T	R1/4	10	1	132456
NPQP-T	R3/8	10	1	132457
NPQP-T	R3/8	12	1	132458
NPQP-T	R1/2	12	1	132459

Push-in Y-fitting



Type	A	D2	PU	PN
NPQP-Y	R1/8	4	1	132461
NPQP-Y	R1/8	6	1	132462
NPQP-Y	R1/8	8	1	132463
NPQP-Y	R1/4	4	1	132464
NPQP-Y	R1/4	6	1	132465
NPQP-Y	R1/4	8	1	132466
NPQP-Y	R1/4	10	1	132467
NPQP-Y	R3/8	10	1	132468
NPQP-Y	R3/8	12	1	132469
NPQP-Y	R1/2	12	1	132470

Push-in fitting with sleeve



Type	D1	D2	PU	PN
NPQP-D...	6	4	1	132588
NPQP-D...	8	4	1	132589
NPQP-D...	8	6	1	132590
NPQP-D...	10	6	1	132591
NPQP-D...	10	8	1	132592
NPQP-D...	12	8	1	132593
NPQP-D...	12	10	1	132594

Blanking plug



Type	D1	D2	PU	PN
NPQP-P...	4			1132582
NPQP-P...	6			1132583
NPQP-P...	8			1132584
NPQP-P...	10			1132585
NPQP-P...	12			1132586

Push-in fitting



Type	D1	D2	PU	PN
NPQP-D	4	4	1	132537
NPQP-D	6	6	1	132538
NPQP-D	8	8	1	132539
NPQP-D	10	10	1	132540
NPQP-D	12	12	1	132541
reducing				
NPQP-D	6	4	1	132543
NPQP-D	8	6	1	132544
NPQP-D	10	8	1	132545
NPQP-D	12	10	1	132546

Push-in bulkhead connector



Type	D1	PU	PN
NPQM-H	4	1	132548
NPQM-H	6	1	132549
NPQM-H	8	1	132550
NPQM-H	10	1	132551
NPQM-H	12	1	132552

Push-in L-connector



Type	D1	D2	PU	PN
NPQP-L	4	4	1	132554
NPQP-L	6	6	1	132554
NPQP-L	8	8	1	132554
NPQP-L	10	10	1	132554
NPQP-L	12	12	1	132554

Push-in T-connector



Type	D1	D2	PU	PN
NPQP-L	4	4	1	132560
NPQP-L	6	6	1	132561
NPQP-L	8	8	1	132562
NPQP-L	10	10	1	132563
NPQP-L	12	12	1	132564
reducing				
NPQP-L	6	4	1	132566
NPQP-L	8	6	1	132567
NPQP-L	10	8	1	132568
NPQP-L	12	10	1	132569

Push-in Y-connector



Type	D1	D2	PU	PN
NPQP-Y...	4	4	1	132571
NPQP-Y...	6	6	1	132572
NPQP-Y...	8	8	1	132573
NPQP-Y...	10	10	1	132574
NPQP-Y...	12	12	1	132575
reducing				
NPQP-Y...	6	4	1	132577
NPQP-Y...	8	6	1	132578
NPQP-Y...	10	8	1	132579
NPQP-Y...	12	10	1	132580

Legend

A Connecting thread
D1 Tubing diameter, external
D2 Tubing diameter, external
PN Part number
PU Packaging unit

Comment

All L and T fittings rotatable 360°.

FESTO



For quick and reliable selection at the office and in the workshop

This page provides an overview of all included posters!

QS	Poster Standard fittings Part 1 von 2	Types <ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard fittings Part 2 von 2	Types <ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard connectors	Types <ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
NPQM	Poster Metallic push-in fittings	Types <ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
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QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
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NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

Metal and special fittings/connectors



Suitable for the food industry, heat resistant, antistatic, flame-retardant, resistant to cleaning agents, pressure resistant, resistant to welding spatter



Resistant to welding spatter



Resistant to media

QS-F

Push-in fitting



Type	A	D2	PU	PN
QS-F M5	4	10		533844
QS-F M5	6	10		533845
QS-F M7	4	10		533846
QS-F M7	6	10		533847
QS-F G1/8	4	10		193408
QS-F G1/8	6	10		193409
QS-F G1/8	8	10		193410
QS-F G1/4	6	10		193411
QS-F G1/4	8	10		193412
QS-F G1/4	10	10		193413
QS-F G1/4	12	10		533848
QS-F G3/8	8	10		193414
QS-F G3/8	10	10		193415
QS-F G3/8	12	10		197487
QS-F G1/2	10	10		193416
QS-F G1/2	12	10		193417

Push-in fitting



Type	A	D2	PU	PN
QS-F-H M5	4	10		533874
QS-F-H M5	6	10		533875
QS-F-H M7	4	10		533876
QS-F-H M7	6	10		533877
QS-F-H G1/8	4	10		533878
QS-F-H G1/8	6	10		533879
QS-F-H G1/8	8	10		533880
QS-F-H G1/4	6	10		533881
QS-F-H G1/4	8	10		533882
QS-F-H G1/4	10	10		533883
QS-F-H G1/4	12	10		533884
QS-F-H G3/8	8	10		533885
QS-F-H G3/8	10	10		533886
QS-F-H G3/8	12	10		533887
QS-F-H G1/2	10	10		533888
QS-F-H G1/2	12	10		533889

Push-in L-fitting



Type	A	D2	PU	PN
QS-L-F M5	4	10		533849
QS-L-F M5	6	10		533850
QS-L-F M7	4	10		533851
QS-L-F M7	6	10		533852
QS-L-F G1/8	4	10		193418
QS-L-F G1/8	6	10		193419
QS-L-F G1/8	8	10		193420
QS-L-F G1/4	6	10		193421
QS-L-F G1/4	8	10		193422
QS-L-F G1/4	10	10		193423
QS-L-F G1/4	12	10		533853
QS-L-F G3/8	8	10		193424
QS-L-F G3/8	10	10		193425
QS-L-F G3/8	12	10		197486
QS-L-F G1/2	10	10		193426
QS-L-F G1/2	12	10		193427

Push-in T-fitting



Type	A	D2	PU	PN
QST-F M5	4	10		533914
QST-F M5	6	10		533915
QST-F M7	4	10		533916
QST-F M7	6	10		533917
QST-F G1/8	4	10		193428
QST-F G1/8	6	10		193429
QST-F G1/8	8	10		193430
QST-F G1/4	6	10		193431
QST-F G1/4	8	10		193432
QST-F G1/4	10	10		193433
QST-F G1/4	12	10		533918
QST-F G3/8	8	10		193434
QST-F G3/8	10	10		193435
QST-F G3/8	12	10		197485
QST-F G1/2	10	10		193436
QST-F G1/2	12	10		193437

Push-in fitting



Type	A	D2	PU	PN
QS-VO R1/8	6	10		160500
QS-VO R1/8	8	10		160501
QS-VO R1/4	6	10		160502
QS-VO R1/4	8	10		160503
QS-VO R1/4	10	10		160504
QS-VO R1/4	12	10		160505
QS-VO R3/8	8	10		160506
QS-VO R3/8	10	10		160507
QS-VO R3/8	12	10		160508
QS-VO R1/2	10	10		160509
QS-VO R1/2	12	10		160510

Push-in L-fitting



Type	A	D2	PU	PN
QSL-VO R1/8	6	10		160511
QSL-VO R1/8	8	10		160512
QSL-VO R1/4	6	10		160513
QSL-VO R1/4	8	10		160514
QSL-VO R1/4	10	10		160515
QSL-VO R1/4	12	10		160516
QSL-VO R3/8	8	10		160517
QSL-VO R3/8	10	10		160518
QSL-VO R3/8	12	10		160519
QSL-VO R1/2	10	10		160520
QSL-VO R1/2	12	10		160521

Push-in T-fitting



Type	A	D2	PU	PN
QST-VO R1/8	6	10		160522
QST-VO R1/8	8	10		160523
QST-VO R1/4	6	10		160524
QST-VO R1/4	8	10		160525
QST-VO R1/4	10	10		160526
QST-VO R1/4	12	10		160527
QST-VO R3/8	8	10		160528
QST-VO R3/8	10	10		160529
QST-VO R3/8	12	10		160530
QST-VO R1/2	10	10		160531
QST-VO R1/2	12	10		160532

CRQS, Stainless steel

Push-in L-fitting



Type	A	D2	PU	PN
CRQSL M5	4	1		162870
CRQSL M5	6	1		162871
CRQSL R1/8	4	1		132598
CRQSL R1/8	6	1		162872
CRQSL R1/8	8	1		162873
CRQSL R1/4	6	1		132599
CRQSL R1/4	8	1		162874
CRQSL R1/4	10	1		162875
CRQSL R3/8	10	1		162876
CRQSL R3/8	12	1		162877
CRQSL R1/2	12	1		162878
CRQSL R1/2	16	1		162879

Push-in T-fitting



Type	A	D2	PU	PN
CRQST M5	4	1		164200
CRQST M5	6	1		164201
CRQST R1/8	6	1		164202
CRQST R1/8	8	1		164203
CRQST R1/4	8	1		164204
CRQST R1/4	10	1		164205
CRQST R3/8	10	1		164206
CRQST R3/8	12	1		164207
CRQST R1/2	12	1		164208
CRQST R1/2	16	1		164209

Push-in fitting



Type	A	D2	PU	PN
QS-F-I M5	4	10		533924
QS-F-I M5	6	10		537014
QS-F-I M7	4	10		533925
QS-F-I M7	6	10		533926
QS-F-I G1/8	4	10		533927
QS-F-I G1/8	6	10		533928
QS-F-I G1/8	8	10		533929
QS-F-I G1/4	8	10		533930
QS-F-I G1/4	10	10		533931
QS-F-I G3/8	12	10		533932

Push-in fitting



Type	A	D2	PU	PN
QS-F-F G1/8	4	10		533854
QS-F-F G1/8	6	10		533856
QS-F-F G1/8	8	10		533858
QS-F-F G1/4	4	10		533855
QS-F-F G1/4	6	10		533857
QS-F-F G1/4	8	10		533859

Push-in L-connector



Type	D1	PU	PN
QSL-F	4	10	533860
QSL-F	6	10	533861
QSL-F	8	10	533862
QSL-F	10	10	533863
QSL-F	12	10	533864

Push-in bulkhead fitting



Type	A	D2	PU	PN
QSS-F G1/8	4	10		533919
QSS-F G1/8	6	10		533920
QSS-F G1/8	8	10		533922
QSS-F G1/4	6	10		533921
QSS-F G1/4	8	10		533923

Push-in fitting



Type	A	D2	PU	PN
QS-VO G1/8	6	10		186314
QS-VO G1/8	8	10		186315
QS-VO G1/4	6	10		186316
QS-VO G1/4	8	10		186317
QS-VO G1/4	10	10		186318
QS-VO G1/4	12	10		186319
QS-VO G3/8	8	10		186320
QS-VO G3/8	10	10		186321
QS-VO G3/8	12	10		186322
QS-VO G1/2	10	10		186323
QS-VO G1/2	12	10		186324

Push-in L-fitting



Type	A	D2	PU	PN
QSL-VO G1/8	6	10		186325
QSL-VO G1/8	8	10		186326
QSL-VO G1/4	6	10		186327
QSL-VO G1/4	8	10		186328
QSL-VO G1/4	10	10		186329
QSL-VO G1/4	12	10		186330
QSL-VO G3/8	8	10		186331
QSL-VO G3/8	10	10		186332
QSL-VO G3/8	12	10		186333
QSL-VO G1/2	10	10		186334
QSL-VO G1/2	12	10		186335

Push-in T-fitting



Type	A	D2	PU	PN
QST-VO G1/8	6	10		186336
QST-VO G1/8	8	10		186337
QST-VO G1/4	6	10		186338
QST-VO G1/4	8	10		186339
QST-VO G1/4	10	10		186340
QST-VO G1/4	12	10		186341
QST-VO G3/8	8	10		186341
QST-VO G3/8	10	10		186342
QST-VO G3/8	12	10		186343
QST-VO G1/2	10	10		186344
QST-VO G1/2	12	10		186345

Push-in fitting



Type	A	D2	PU	PN
CRQS M5	4	1		162860
CRQS M5	6	1		162861

Push-in T-connector



Type	D1	D2	PU	PN
CRQST 4	4	1		130668
CRQST 6	6	1		130669
CRQST 8	8	1		130670
CRQST 10	10	1		130671
CRQST 12	12	1		130672
CRQST 16	16	1		130673

Push-in fitting



Type	A	D2	PU	PN
CRQS R1/8	4	1		1

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QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
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QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Poster Plastic tubing	Types <ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	Applications <ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

Plastic tubing, standard O.D.

Here you will find appropriate tubing for optimum tubing/fitting combinations.



Plastic tubing

Wide range of variants



PUN	PU 3	PU 4	PU 6	PU 8	PU 10	PU 12	PU 16
silver	50 152583	50 152584	50 152586	50 152587	50 152588	50 152589	50 152590
	500 525738	500 525739	500 525740	400 525741	300 525742	200 525743	100 525744
blue	50 159660	50 159662	50 159664	50 159666	50 159668	50 159670	50 159672
	500 525745	500 525746	500 525747	400 525748	300 525749	200 525750	100 525751
black	50 159661	50 159663	50 159665	50 159667	50 159669	50 159671	50 159673
	500 553936	500 553937	500 553938	400 553939	300 553940	200 553941	100 553942
yellow	50 178416	50 178417	50 178418	50 178419	50 178420	50 178421	50 178422
green	50 178423	50 178424	50 178425	50 178426	50 178427	50 178428	50 178429
red	50 178409	50 178410	50 178411	50 178412	50 178413	50 178414	50 178415

PUN-DUO	PU 4	PU 6	PU 8	PU 10
silver	50 152822	50 152823	50 152824	50 152825
blue/black	50 159674	50 159675	50 159676	50 159677

Economical I for standard applications



PUN-E	PU 4	PU 6	PU 8	PU 10	PU 12
silver	50 535320	50 535321	50 535322	50 535323	50 535324
	500 534170	500 534172	400 534174	300 534176	200 534178
blue	50 535325	50 535326	50 535327	50 535328	50 535329
	500 534171	500 534173	400 534175	300 534177	200 534179
black	50 538465	50 538466	50 538467	50 538468	50 538469
	500 538460	500 538461	400 538462	300 538463	200 538464

Economical II



PEN	PU 4	PU 6	PU 8	PU 10	PU 12	PU 16
nature	50 543246	50 543247	50 543248	50 543249	50 543250	50 543251
black	50 543240	50 543241	50 543242	50 543243	50 543244	50 543245

Additional colours and packaging units see poster QS-B for core functions

Food industry approved



PUN-H	PU 3	PU 4	PU 6	PU 8	PU 10	PU 12	PU 16
nature	50 197375	50 197376	50 197377	50 197378	50 197379	50 197380	50 197381
	500 558263	500 558264	500 558265	400 558266	300 558267	200 558268	100 558269
blue	50 197382	50 197383	50 197384	50 197385	50 197386	50 197387	50 197388
	500 558256	500 558257	500 558258	400 558259	300 558260	200 558261	100 558262
black	50 197389	50 197390	50 197391	50 197392	50 197393	50 197394	50 197395
	500 558249	500 558250	500 558251	400 558252	300 558253	200 558254	100 558255
silver	50 558277	50 558278	50 558279	50 558280	50 558281	50 558282	50 558283
	500 558270	500 558271	500 558272	400 558273	300 558274	200 558275	100 558276
red	50 558284	50 558285	50 558286	50 558287	50 558288	50 558289	50 558290
green	50 558291	50 558292	50 558293	50 558294	50 558295	50 558296	50 558297
yellow	50 558298	50 558299	50 558300	50 558301	50 558302	50 558303	50 558304

PUN-H-DUO	PU 4	PU 6	PU 8	PU 10
blue/black	50 197396	50 197397	50 197398	50 197399

Resistant to cleaning agents



PLN	PU 4	PU 6	PU 8	PU 10	PU 12	PU 16
nature	50 193403	50 193404	50 193405	50 193406	50 193407	50 539064
black	50 195280	50 195281	50 195282	50 195283	50 195284	50 539065
blue	50 558205	50 558206	50 558207	50 558208	50 558209	50 558210
silver	50 558211	50 558212	50 558213	50 558214	50 558215	50 558216
red	50 558217	50 558218	50 558219	50 558220	50 558221	50 558222

Media and heat-resistant



PFAN	PU 4	PU 6	PU 8	PU 10	PU 12
nature	50 197061	50 197062	50 197063	50 197064	50 197065

Antistatic



PUN-CM	PU 4	PU 6	PU 8	PU 10	PU 12
black	50 188882	50 188883	50 130816	50 130817	50 130818

Pressure resistant up to 14 bar



PAN	PU 4	PU 6	PU 8	PU 10	PU 12	PU 16
nature	50 546284	50 546285	50 546286	50 546287	50 546288	50 546289
silver	50 152697	50 152699	50 152700	50 152701	50 152702	50 152703
	500 553888	500 553889	400 553890	300 553891	200 553892	100 553893
blue	50 553906	50 553907	50 553908	50 553909	50 553910	50 553911
	500 553894	500 553895	400 553896	300 553897	200 553898	100 553899
black	50 553912	50 553913	50 553914	50 553915	50 553916	50 553917
	500 553900	500 553901	400 553902	300 553903	200 553904	100 553905
green	50 553918	50 553919	50 553920	50 553921	50 553922	50 553923
red	50 553924	50 553925	50 553926	50 553927	50 553928	50 553929
yellow	50 553930	50 553931	50 553932	50 553933	50 553934	50 553935

Pressure resistant up to 16 bar



PAN-R	PU 4	PU 6	PU 8	PU 10	PU 12	PU 16
nature	50 541674	50 541675	50 541676	50 541677	50 541678	50 541679

* Tubing PAN-R pressure resistant up to 35 bar, in combination with QS-F up to 16 bar

Flame-retardant



PUN-VO	PU 6	PU 8	PU 10	PU 12
black	50 525438	50 525439	50 525440	50 525441
blue	50 525442	50 525443	50 525444	50 525445
green	50 525446	50 525447	50 525448	50 525449
red	50 525450	50 525451	50 525452	50 525453
white	50 525454	50 525455	50 525456	50 525457
yellow	50 525458	50 525459	50 525460	50 525461
brown	50 525462	50 525463	50 525464	50 525465

Resistant to welding spatter I



PUN-VO-C	PU 6	PU 8	PU 10	PU 12
black	50 561698	50 561699	50 561700	50 561701
blue	50 561702	50 561703	50 561704	50 561705
green	50 561706	50 561707	50 561708	50 561709
red	50 561710	50 561711	50 561712	50 561713
white	50 561714	50 561715	50 561716	50 561717
yellow	50 561718	50 561719	50 561720	50 561721
brown	50 561722	50 561723	50 561724	50 561725

Resistant to welding spatter II



PAN-VO	PU 4	PU 6	PU 8	PU 10	PU 12
black		50 160550	50 160551	50 160552	50 160553
blue	50 132899	20 525466	20 525467	20 525468	20 525469
green		20 525470	20 525471	20 525472	20 525473
red		20 525474	20 525475	20 525476	20 525477
white		20 525478	20 525479	20 525480	20 525481
yellow		20 525482	20 525483	20 525484	20 525485
brown		20 525486	20 525487	50 525488	20 525489

Tubing cutter



Type	D1	PN
PAN-VOS	6/8	160554
PAN-VOS	10/12	160555

Pipe cutter



Type	PN
ZRS	7658
Spare blade	218606

Tubing connector



Type	Bundle-Ø (mm)	PN
PB	30	6741
PB	45	6742
PB	100	6743

Threaded sealing tape



Type	PN
GWB-0,1	9076

Tube support elbow NPAW



Type	Size	PN
NPAW-S-T3	small	554026
NPAW-S-T4	medium	554027
NPAW-S-T6	large	554028

Legend

PN Part number
PU Packaging unit



For quick and reliable selection at the office and in the workshop

This page provides an overview of all included posters!

QS	Poster Standard fittings Part 1 von 2	Types <ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard fittings Part 2 von 2	Types <ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard connectors	Types <ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
NPQM	Poster Metallic push-in fittings	Types <ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
NPQP	Poster Polypropylene fittings	Types <ul style="list-style-type: none"> • Plug connectors, L, T, Y-shaped • Plug connectors, L, T, Y-shaped • Bulkhead connector • Blanking plugs 	Applications <ul style="list-style-type: none"> • Cleaning agent • Media resistant
QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Poster Plastic tubing	Types <ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	Applications <ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

Threaded fittings, one-way flow control valves and flow control valves



Diverse ...



Robust ...



Extensive range



Reliable application



Flow on demand

Threaded fittings NPFB

Push-in L-fitting



Type	D1	D2	PN
NPFB-L M5	M5		547715
NPFB-L G1/8	G1/8		547716
NPFB-L G1/4	G1/4		547717
NPFB-L G3/8	G3/8		547718
NPFB-L G1/2	G1/2		547719
NPFB-L G3/4	G3/4		547720
NPFB-L G1	G1		547721

Push-in T-fitting



Type	D1	D2	PN
NPFB-T M5	M5		547751
NPFB-T R1/8	G1/8		547752
NPFB-T R1/4	G1/4		547753
NPFB-T R3/8	G3/8		547754
NPFB-T R1/2	G1/2		547755
NPFB-T R3/4	G3/4		547756
NPFB-T R1	G1		547757

Push-in X-fitting



Type	D1	D2	PN
NPFB-X G1/8	G1/8		547779
NPFB-X G1/4	G1/4		547780
NPFB-X G3/8	G3/8		547781
NPFB-X G1/2	G1/2		547782

Double nipple



Type	D1	D2	PN
NPFB-D M7	G1/8		547799
NPFB-D G1/8	G1/8		547800
NPFB-D G1/4	G1/4		547801
NPFB-D G1/8	G3/8		547802
NPFB-D G1/4	G1/4		547803
NPFB-D G1/4	G3/8		547804
NPFB-D G1/4	G1/2		547805
NPFB-D G3/8	G3/8		547806
NPFB-D G3/8	G1/2		547807
NPFB-D G1/2	G1/2		547808
NPFB-D R1/8	R1/8		547787
NPFB-D R1/8	R1/4		547788
NPFB-D R1/8	R3/8		547789
NPFB-D R1/4	R1/4		547790
NPFB-D R1/4	R3/8		547791
NPFB-D R1/4	R1/2		547792
NPFB-D R3/8	R3/8		547793
NPFB-D R3/8	R1/2		547794
NPFB-D R1/2	R1/2		547795
NPFB-D R1/2	R3/4		547796
NPFB-D R3/4	R3/4		547797
NPFB-D R1	R1		547798



Type	D1	D2	PN
NPFB-L M5	M5		547722
NPFB-L R1/8	G1/8		547723
NPFB-L R1/4	G1/4		547724
NPFB-L R3/8	G3/8		547725
NPFB-L R1/2	G1/2		547726
NPFB-L R3/4	G3/4		547727
NPFB-L R1	G1		547728



Type	D1	D2	PN
NPFB-T M5	M5		547758
NPFB-T G1/8	R1/8		547759
NPFB-T G1/4	R1/4		547760
NPFB-T G3/8	R3/8		547761
NPFB-T G1/2	R1/2		547762
NPFB-T G3/4	R3/4		547763
NPFB-T G1	R1		547764



Type	D1	D2	PN
NPFB-X R1/8	G1/8		547783
NPFB-X R1/4	G1/4		547784
NPFB-X R3/8	G3/8		547785
NPFB-X R1/2	G1/2		547786



Type	D1	D2	PN
NPFB-L M5	M5		547729
NPFB-L R1/8	R1/8		547730
NPFB-L R1/4	R1/4		547731
NPFB-L R3/8	R3/8		547732
NPFB-L R1/2	R1/2		547733
NPFB-L R3/4	R3/4		547734
NPFB-L R1	R1		547735



Type	D1	D2	PN
NPFB-T R1/8	R1/8		547765
NPFB-T R1/4	R1/4		547766
NPFB-T R3/8	R3/8		547767
NPFB-T R1/2	R1/2		547768
NPFB-T R3/4	R3/4		547769
NPFB-T R1	R1		547770



Type	D1	D2	PN
NPFB-Y G1/8	G1/8		547736
NPFB-Y G1/4	G1/4		547737
NPFB-Y G3/8	G3/8		547738
NPFB-Y G1/2	G1/2		547739

Double nipple



Type	D1	D2	PN
NPFB-R G1/8	M5		547817
NPFB-R G1/4	G1/8		547818
NPFB-R G3/8	G1/8		547819
NPFB-R G3/8	G1/4		547820
NPFB-R G1/2	G3/8		547821

Push-in T-fitting



Type	D1	D2	PN
NPFB-T M5	M5		547744
NPFB-T G1/8	G1/8		547745
NPFB-T G1/4	G1/4		547746
NPFB-T G3/8	G3/8		547747
NPFB-T G1/2	G1/2		547748
NPFB-T G3/4	G3/4		547749
NPFB-T G1	G1		547750



Type	D1	D2	PN
NPFB-T G1/8	R1/8		547771
NPFB-T G1/4	R1/4		547772
NPFB-T G3/8	R3/8		547773
NPFB-T G1/2	R1/2		547774



Type	D1	D2	PN
NPFB-Y R1/8	G1/8		547740
NPFB-Y R1/4	G1/4		547741
NPFB-Y R3/8	G3/8		547742
NPFB-Y R1/2	G1/2		547743

Extension



Type	D1	D2	PN
NPFB-E1 G1/8	G1/8		547822
NPFB-E1 G1/4	G1/4		547823
NPFB-E1 G3/8	G3/8		547824
NPFB-E1 G1/2	G1/2		547825
NPFB-E2 G1/8	G1/8		547826
NPFB-E2 G1/4	G1/4		547827
NPFB-E3 G1/8	G1/8		547828
NPFB-E3 G1/4	G1/4		547829
NPFB-E4 G1/8	G1/8		547830

Reducing sleeve



Type	D1	D2	PN
NPFB-R G3/8	G1/8		547815
NPFB-R G3/4	G1/2		547816

Push-in T-fitting



Type	D1	D2	PN
NPFB-T R1/8	G1/8		547775
NPFB-T R1/4	G1/4		547776
NPFB-T R3/8	G3/8		547777
NPFB-T R1/2	G1/2		547778

Sleeve



Type	D1	D2	PN
NPFB-S M5	M5		547809
NPFB-S G1/8	G1/8		547810
NPFB-S G1/4	G1/4		547811
NPFB-S G3/8	G3/8		547812
NPFB-S G1/2	G1/2		547813
NPFB-S G3/4	G3/4		547814

One-way flow control valves and flow control valves

Standard application, D³ series



Type	A	D1	qnN	PN
GRLA M5	3	100/100	193137	
4) M5	4	100/110	193138	
M5	6	115/110	193139	
G1/8	3	130/130	193142	
G1/8	4	160/190	193143	
G1/8	6	185/240	193144	
G1/8	8	215/250	193445	
G1/8	6	400/420	537075	
G1/8	8	475/500	537076	
G1/4	6	400/420	193146	
G1/4	8	475/500	193147	
G1/4	10	480/500	193148	
G3/8	6	495/495	193149	
G3/8	8	820/850	193150	
G3/8	10	900/975	193151	
G1/2	12	1580/1605	193152	
GRLZ M5	3	100/100	193153	
5) M5	4	110/65	193154	
M5	6	115/70	193155	
G1/8	3	130/100	193156	
G1/8	4	160/120	193157	
G1/8	6	185/160	193158	
G1/8	8	215/175	193159	



Type	A	D1	qnN	PN
GRLA M5	3	100/100	197576	
4) M5	4	100/110	197577	
M5	6	115/110	197578	
G1/8	3	130/130	197579	
G1/8	4	160/190	197580	
G1/8	6	185/240	197581	
G1/8	8	215/250	537072	
G1/4	6	400/420	534338	
G1/4	8	475/500	534339	
G1/4	10	480/500	534340	
G3/8	6	495/495	534341	
G3/8	8	820/850	534342	
G3/8	10	900/975	534343	
G1/2	12	1580/1605	534344	



Type	A	D1	qnN	PN
GRXA ³⁾ M5	3	100/60	195806	
4) M5	4	100/65	195807	
M5	6	115/70	195808	
G1/8	3	130/100	195809	
G1/8	4	160/120	195810	
G1/8	6	185/160	195811	
G1/8	8	215/175	195812	
G1/4	6	400/290	195813	
G1/4	8	475/325	195814	
G1/4	10	480/345	195815	

Standard application, B² series



Type	A	D1	qnN	PN
GRLA G1/8	6	400/420	162965	
4) G1/8	8	475/500	162966	
G1/4	6	495/495	162967	
G1/4	8	820/850	162968	
G3/8	6	900/975	162969	
G3/8	8	1580/1605	162970	

Bulk packs with 20 pieces PU each



Type	A	D1	qnN	PN
GRLA G1/8	6	400/420	540358	
4) G1/8	8	475/500	540359	
G1/4	8	820/850	540360	



Type	A	D1	PN
VFOV G1/8	4		549155
4) G1/8	6		549156
G1/4	8		549157



Type	A	D1	PN
VFOC Push-in sleeve	4		540362
4) Push-in sleeve	6		540363
Push-in sleeve	4		559723
Push-in sleeve	6		559724

Bulk packs with 20 pieces PU each



Type	A	D1qnN	PN
GRLA M5	M595/95		151163
4) G1/8	G1/8340/420		151169
G1/4	G1/4610/820		151175
GRLZ M5	M51450/1600		151186
5) G1/8	G1/82100/2200		151192
G1/4	G1/44320/4720		151198

Mini flow control valve, female thread



Type	A	D1	qnN	PN
GRLA M3	M3	18/20	175038	
4) M5	M5	40/75	175047	
GRLZ M3	M3	18/20		

For quick and reliable selection at the office and in the workshop

This page provides an overview of all included posters!

QS	Poster Standard fittings Part 1 von 2	Types <ul style="list-style-type: none"> • Mini types • Standard types • Straight and L- shaped • Push-in bulkhead fittings • Push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard fittings Part 2 von 2	Types <ul style="list-style-type: none"> • L, T, Y-shaped • Multiple distributor 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant
QS	Poster Standard connectors	Types <ul style="list-style-type: none"> • Straight, T, L, X, Y-shaped • With push-in sleeve • Push-in bulkhead fittings and push-in fittings, self-sealing 	Applications <ul style="list-style-type: none"> • Wide range of variants • Hydrolysis resistant • Pressure resistant • Economical
QS-B	Poster Fittings connectors for core functions	Types <ul style="list-style-type: none"> • Mini types • Straight, T, L, X, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical
NPQM	Poster Metallic push-in fittings	Types <ul style="list-style-type: none"> • Push-in fittings with internal hex, thread, T, L-shaped • Plug connector straight, with sleeve, L, T, Y-shaped 	Applications <ul style="list-style-type: none"> • Economical • Antistatic • Flame-retardant
NPQP	Poster Polypropylene fittings	Types <ul style="list-style-type: none"> • Plug connectors, L, T, Y-shaped • Plug connectors, L, T, Y-shaped • Bulkhead connector • Blanking plugs 	Applications <ul style="list-style-type: none"> • Cleaning agent • Media resistant
QS-F CRQS QS-V0	Poster Metal and special fittings/connectors	Types <ul style="list-style-type: none"> • Metal, stainless steel, • Straight, L and T-shaped 	Applications <ul style="list-style-type: none"> • Pressure/heat resistant • Antistatic, Food industry approved • Cleaning agent/media resistant • Flame-retardant • Welding spatter resistant
PUN-... PAN-... PEN PFAN PLN	Poster Plastic tubing	Types <ul style="list-style-type: none"> • Standard O.D. • Different materials • Standard and bulk packs 	Applications <ul style="list-style-type: none"> • For all applications
NPFB-... GRLA-.... GRLZ-... GRLO-... VFOC/VFOV-...	Poster Threaded fittings and flow control valves	Types <ul style="list-style-type: none"> • Threaded fittings, • Nickel-plated brass • Function fittings 	Applications <ul style="list-style-type: none"> • For all applications

Technical data for flow control valves

Designation	GRLA-(RS)-B	GRLA-PK-(RS)-B	GRLA-QS-RS-B	GRLA-QS-(RS)-D	VFOC	VFOV	GRLA-F-QS-D	CRGRLA
Function	Exhaust air flow control	Yes						
	Supply air flow control	Yes	Yes	-	Yes	-	Yes	-
	Without non-return function	-	-	-	-	-	-	-
Actuation	With tool	Yes	Yes	Yes	Yes	Yes	-	Yes
	Without tools	Yes	Yes	Yes	Yes	-	Yes	-
Media	Compressed air, Vacuum	Compressed air, Vacuum	Compressed air, Vacuum	Compressed air, Vacuum	Compressed air, Vacuum	Compressed air, Vacuum	Compressed air, Vacuum	Compressed air, Vacuum
Operating pressure [bar]	0.3 ... 10	0.3 ... 11	0.2 ... 10	0.2 ... 10	0.2 ... 10	0.2 ... 10	0.2 ... 10	0.3 ... 10
Operating temperature [°C]	-10 ... +60	-10 ... +60	-10 ... +60	-10 ... +60	-10 ... +60	-10 ... +60	-10 ... +60	0 ... +150
Mounting position	Any	Any	Any	Any	Any	Any	Any	Any
Hydrolysis resistant	++	++	+++	++	++	+++	+++	+++
Antistatic	++	++	-	++	++	-	+++	+++
Flame-retardant	++	++	-	-	-	-	+++	+++
Food industry	-	-	-	-	-	-	++	++

+++ very suitable ++ quite suitable + suitable - not suitable

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