





(Inch/Metric) Connection Technology







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Inch connections



External straight connector	Part #	Item number	Thread NPT size	Tube OD inch size	Pkg QTY		Internal straight connector	Part #	Item number	Thread NPT size	Tube OD inch size	Pkg QTY	
	QB-10-32-UNF-5/32-U	533267	10/32	5/32	10			QB-10-32-UNF-1/4-I-U	572316	10/32	1/4	10	
	QB-10-32-UNF-1/4-U	533269	10/32	1/4	10			QB-1/8-5/32-I-U	572317	1/8	5/32	10	
	QB-1/8-5/32-U	533271	1/8	5/32	10			QB-1/8-1/4-I-U	572318	1/8	1/4	10	
	QB-1/8-1/4-U	533273	1/8	1/4	10			QB-1/4-1/4-I-U	572320	1/4	1/4	10	
	QB-1/4-1/4-U	533276	1/4	1/4	10			QB-1/4-5/16-I-U	572321	1/4	5/16	10	
	QB-1/4-5/16-U	533277	1/4	5/16	10			QB-1/4-3/8-I-U	572322	1/4	3/8	10	
	QB-3/8-3/8-U	533281	3/8	3/8	5			QB-3/8-5/16-I-U	572323	3/8	5/16	10	
	QB-3/8-1/2-U	533282	3/8	1/2	5			QB-3/8-3/8-I-U	572324	3/8	3/8	10	
	QB-1/2-3/8-U	533283	1/2	3/8	5			QB-3/8-1/2-I-U	572325	3/8	1/2	10	
	QB-1/2-1/2-U	533284	1/2	1/2	5			QB-1/2-1/2-I-U	572326	1/2	1/2	10	



Elbow connector	Part #	Item number	Thread NPT size	Tube OD inch size	Pkg QTY		Tee connector	Part #	Item number	Thread NPT size	Tube OD inch size	Pkg QTY	
	QBL-10-32-UNF-5/32-U	533286	10/32	5/32	10			QBT-10-32-UNF-5/32-U	533305	10/32	5/32	10	
	QBL-10-32-UNF-1/4-U	533288	10/32	1/4	10			QBT-10-32-UNF-1/4-U	533307	10/32	1/4	10	
	QBL-1/8-5/32-U	533290	1/8	5/32	10			QBT-1/8-5/32-U	533309	1/8	5/32	10	
	QBL-1/8-1/4-U	533292	1/8	1/4	10			QBT-1/8-1/4-U	533311	1/8	1/4	10	
	QBL-1/4-1/4-U	533295	1/4	1/4	10			QBT-1/4-1/4-U	533314	1/4	1/4	5	
	QBL-1/4-5/16-U	533296	1/4	5/16	10			QBT-1/4-5/16-U	533315	1/4	5/16	5	
	QBL-3/8-3/8-U	533300	3/8	3/8	5			QBT-3/8-3/8-U	533319	3/8	3/8	5	
	QBL-3/8-1/2-U	533301	3/8	1/2	5			QBT-3/8-1/2-U	533320	3/8	1/2	1	
	QBL-1/2-3/8-U	533302	1/2	3/8	5			QBT-1/2-3/8-U	533321	1/2	3/8	5	
	QBL-1/2-1/2-U	533303	1/2	1/2	5			QBT-1/2-1/2-U	533322	1/2	1/2	1	



Straight Union	Part #	Item Number	Tube OD inch size	Tube OD inch size	Pkg QTY		Elbow Union	Part #	Item Number	Tube OD Size	Pkg QTY	
	QB-5/32T-U	564754	5/32	5/32	10			QB-5/32T-U	564760	5/32	10	
	QB-1/4T-U	564756	1/4	1/4	10			QB-1/4T-U	564762	1/4	10	
	QB-5/16T-U	564757	5/16	5/16	10			QB-5/16T-U	564763	5/16	10	
	QB-3/8T-U	564758	3/8	3/8	10			QB-3/8T-U	564764	3/8	10	
	QB-1/2T-U	564759	1/2	1/2	5			QB-1/2T-U	564765	1/2	5	
	QB-1/4T-5/32-U	564798	1/4	5/32	10							
	QB-5/16T-1/4-U	564801	5/16	1/4	10							
	QB-3/8T-1/4-U	564802	3/8	1/4	10							
	QB-3/8T-5/16-U	564803	3/8	5/16	10							
	QB-1/2T-3/8-U	564804	1/2	3/8	5							

Tee union	Part #	Item Number	Tube OD inch size	Tube OD inch size	Pkg QTY		Y Union	Part #	Item Number	Tube OD inch size	Tube OD inch size	Pkg QTY	
	QBT-5/32T-U	564766	5/32	5/32	10			QBY-5/32T-U	564772	5/32	5/32	10	
	QBT-1/4T-U	564768	1/4	1/4	10			QBY-1/4T-U	564774	1/4	1/4	10	
	QBT-5/16T-U	564769	5/16	5/16	10			QBY-5/16T-U	564775	5/16	5/16	10	
	QBT-3/8T-U	564770	3/8	3/8	5			QBY-3/8T-U	564776	3/8	3/8	5	
	QBT-1/2T-U	564771	1/2	1/2	5			QBY-1/2T-U	564777	1/2	1/2	5	
	QBT-1/4T-5/32-U	564805	1/4	5/32	10			QBY-1/4T-5/32-U	564819	1/4	5/32	10	
	QBT-5/16T-1/4-U	564806	5/16	1/4	10			QBY-5/16T-1/4-U	564822	5/16	1/4	10	
	QBT-3/8T-1/4-U	564807	3/8	1/4	10			QBY-3/8T-1/4-U	564823	3/8	1/4	10	
	QBT-3/8T-5/16-U	564808	3/8	5/16	10			QBY-3/8T-5/16-U	564824	3/8	5/16	10	
	QBT-1/2T-3/8-U	564809	1/2	3/8	5			QBY-1/2T-3/8-U	564825	1/2	3/8	5	

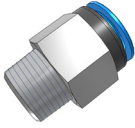

Inch connections (continued)

Straight plug in stem	Straight plug in stem					Elbow plug in stem	Elbow plug in stem				
	Part #	Item number	Plug OD size	Tube OD inch size	Pkg QTY		Part #	Item number	Plug OD size	Tube OD inch size	Pkg QTY
	QB-5/32T-U	564754	5/32	5/32	10		QSML-5/32H-U	190621	5/32	5/32	1
	QB-1/4T-U	564756	1/4	1/4	10		QSL-1/4H-U	153654	1/4	1/4	10
	QB-5/16T-U	564757	5/16	5/16	10		QSL-5/16H-U	153655	5/16	5/16	1
	QB-3/8T-U	564758	3/8	3/8	10		QSL-3/8H-U	153656	3/8	3/8	1
	QB-1/2T-U	564759	1/2	1/2	5		QSL-1/2H-U	190623	1/2	1/2	1
							QSL-1/4H-5/32-U	190628	1/4	5/32	1
							QSL-5/16H-1/4-U	153657	5/16	1/4	1
							QSL-3/8H-1/4-U	190631	3/8	1/4	1
							QSL-3/8H-5/16-U	153658	3/8	5/16	1
							QSL-1/2H-3/8-U	190633	1/2	3/8	1



Stem plugs	Stem plugs				Bulkhead connectors	Bulkhead connectors				
	Part #	Item number	Stem Size	Pkg QTY		Part #	Item number	Tube OD	Tube OD	Pkg QTY
	QBC-5/32H-U	564784	5/32	10		QBS-5/32T-U	564748	5/32	5/32	10
	QBC-1/4H-U	564786	1/4	10		QBS-1/4T-U	564750	1/4	1/4	10
	QBC-5/16H-U	564787	5/16	10		QBS-5/16T-U	564751	5/16	5/16	10
	QBC-3/8H-U	564788	3/8	10		QBS-3/8T-U	564752	3/8	3/8	5
	QBC-1/2H-U	564789	1/2	10		QBS-1/2T-U	564753	1/2	1/2	5

Distributor (Swivel)	Distributor (Swivel)					Fitting manifold	Fitting manifold				
	Part #	Item number	Port thread	Tube OD inch	Pkg QTY		Part #	Item number	Tube OD end ports	Tube OD reduced	Pkg QTY
	QSLV3-1/8-5/32-U	190777	1/8	5/32	1		QBT3-1/4T-5/32-U	564791	1/4	5/32	5
	QSLV3-1/8-1/4-U	190779	1/8	1/4	1		QBT3-5/16T-5/32-U	564792	5/16	5/32	5
	QSLV3-1/4-1/4-U	190781	1/4	1/4	1		QBT3-5/16T-1/4-U	564794	5/16	1/4	5
	QSLV3-1/4-3/8-U	190783	1/4	3/8	1		QBT3-3/8T-1/4-U	564795	3/8	1/4	5
	QSLV3-3/8-3/8-U	190785	3/8	3/8	1		QBT3-3/8T-5/16-U	564796	3/8	5/16	5
	QSLV3-3/8-1/2-U	190786	3/8	1/2	1						
	QSLV3-1/2-1/2-U	190787	1/2	1/2	1						



Hybrid fittings (metric R/BPST - inch tubing)

Straight connector	Straight connector					Elbow connector	Elbow connector				
	Part #	Item number	Thread size	Tube OD inch size	Pkg QTY		Part #	Item number	Thread size	Tube OD inch size	Pkg QTY
	QB-M5-5/32-U-M	533210	M5	5/32	10		QBL-M5-5/32-U-M	533229	M5	5/32	10
	QB-M5-1/4-U-M	533212	M5	1/4	10		QBL-M5-1/4-U-M	533231	M5	1/4	10
	QB-1/8-5/32-U-M	533214	1/8	5/32	10		QBL-1/8-5/32-U-M	533233	1/8	5/32	10
	QB-1/8-1/4-U-M	533216	1/8	1/4	10		QBL-1/8-1/4-U-M	533235	1/8	1/4	10
	QB-1/4-1/4-U-M	533219	1/4	1/4	10		QBL-1/4-1/4-U-M	533238	1/4	1/4	10
	QB-1/4-5/16-U-M	533220	1/4	5/16	10		QBL-1/4-5/16-U-M	533239	1/4	5/16	10
	QB-3/8-3/8-U-M	533224	3/8	3/8	5		QBL-3/8-3/8-U-M	533243	3/8	3/8	5
	QB-3/8-1/2-U-M	533225	3/8	1/2	5		QBL-3/8-1/2-U-M	533244	3/8	1/2	5
	QB-1/2-3/8-U-M	533226	1/2	3/8	5		QBL-1/2-3/8-U-M	533245	1/2	3/8	5
	QB-1/2-1/2-U-M	533227	1/2	1/2	5		QBL-1/2-1/2-U-M	533246	1/2	1/2	5




Hybrid fittings (metric/NPT)

Fittings to convert NPT and G thread	Fittings to convert NPT and G thread					Male	Fittings to convert NPT and G thread	Fittings to convert NPT and G thread					Male
	Part #	Item number	Thread NPT size	Thread metric (G)	Pkg QTY			Part #	Item number	Thread NPT	Thread metric (G)	Pkg QTY	
	AD-G1/8-1/8NPT-I	9395	1/8	1/8	1	G		AD-1/8NPT-G1/8-I	9624	1/8	1/8	1	NPT
	AD-G1/4-1/4NPT-I	9396	1/4	1/4	1			AD-1/4NPT-G1/4-I	9625	1/4	1/4	1	
	AD-G3/8-3/8NPT-I	9397	3/8	3/8	1			AD-3/8NPT-G3/8-I	9626	3/8	3/8	1	
	AD-G1/2-1/2NPT-I	9398	1/2	1/2	1			AD-1/2NPT-G1/2-I	9627	1/2	1/2	1	
	AD-G3/4-3/4NPT-I	546550	3/4	3/4	1			AD-3/4 NPT-G3/4-I	546551	3/4	3/4	1	



Mufflers & quick exhaust valves

Mufflers	Part #	Item number	Thread NPT size	Pkg QTY		Quick exhaust valves	Part #	Item number	Thread NPT size	Pkg QTY	
	AMTE-M-LH-U10	1206994	10/32	20			SEU-1/8-NPT	9798	1/8	1	
	AMTE-M-LH-N18	1206989	1/8	20			SEU-1/4-NPT	9799	1/4	1	
	AMTE-M-LH-N14	1206990	1/4	20			SEU-3/8-NPT	9800	3/8	1	
	AMTE-M-LH-N38	1206991	3/8	10			SEU-1/2-NPT	9801	1/2	1	
	AMTE-M-LH-N12	1206992	1/2	10							




Flow control valves

Flow controls	Part #	Item number	Thread NPT size	Tube OD size	Pkg QTY		Inline flow controls	Part #	Item number	Tube OD end ports	Pkg QTY		
	GRLA-10-32-UNF-QB-5/32-U	564840	10/32	5/32	10			GR-QB-5/32-U	534680	5/32	10		
	GRLA-10-32-UNF-QB-1/4-U	564842	10/32	1/4	10			GR-QB-1/4-U	534682	1/4	10		
	GRLA-1/8-QB-5/32-U	534656	1/8	5/32	10			GR-QB-5/16-U	534683	5/16	5		
	GRLA-1/8-QB-1/4-U	534658	1/8	1/4	10			GR-QB-3/8-U	534684	3/8	5		
	GRLA-1/4-QB-1/4-U	534661	1/4	1/4	10			Inline Regulators	Part #	Item number	Tube OD end ports	Pkg QTY	
	GRLA-1/4-QB-5/16-U	534662	1/4	5/16	10			VRPA-CM-Q4-E	8086003	5/32 OD	1		
	GRLA-3/8-QB-3/8-U	534666	3/8	3/8	5			VRPA-CM-T14-E	8086006	1/4 OD	1		
	GRLA-3/8-QB-1/2-U	534667	3/8	1/2	5			VRPA-CM-Q8-E	8086005	5/16 OD	1		
	GRLA-1/2-QB-3/8-U	564846	1/2	3/8	5								
GRLA-1/2-QB-1/2-U	564847	1/2	1/2	5									



Tubing and accessories



Polyurethane tubing - box	Part #	Item number	Tube OD size	Color (solid)	Pkg FT		Polyurethane tubing - reel	Part #	Item number	Tube OD size	Color (solid)	Reel
	PUN-H-5/32-SW-150-CB	567954	5/32	Black	150			PUN-H-5/32-SW-500-HA	568017	5/32	Black	500 ft
	PUN-H-5/32-BL-150-CB	567946	5/32	Blue	150			PUN-H-4X0,75-BL-500	558257	5/32 (4mm)	Blue	500 m
	PUN-H-1/4-SW-150-CB	567956	1/4	Black	150			PUN-H-1/4-SW-500-HA	568018	1/4	Black	500 ft
	PUN-H-1/4-BL-150-CB	567948	1/4	Blue	150			PUN-H-1/4-BL-500-HA	568014	1/4	Blue	500 ft
	PUN-H-5/16-SW-150-CB	567957	5/16	Black	150			PUN-H-1/4-SW-1000-HA	568023	1/4	Black	1000 ft
	PUN-H-5/16-BL-150-CB	567949	5/16	Blue	150			PUN-H-1/4-BL-1000-HA	568021	1/4	Blue	1000 ft
	PUN-H-3/8-SW-150-CB	567958	3/8	Black	150			PUN-H-8X1,25-SW-400	558252	5/16 (8mm)	Black	400 m
	PUN-H-3/8-BL-150-CB	567950	3/8	Blue	150			PUN-H-8X1,25-BL-400	558259	5/16 (8mm)	Blue	400 m
	PUN-H-1/2-SW-150-CB	567959	1/2	Black	150			PUN-H-3/8-SW-500-HA	568020	3/8	Black	500 ft
	PUN-H-1/2-BL-150-CB	567951	1/2	Blue	150			PUN-H-3/8-BL-500-HA	568016	3/8	Blue	500 ft

Tube and accessories (continued)



Translucent Polyurethane	Part #	Item number	Tube OD size	Color (solid)	Pkg FT		Translucent Polyurethane	Part #	Item number	Tube OD size	Color (solid)	Reel		
	PUN-H-1/4-TBL-150-CB	8203970	1/4	Blue	150			PUN-H-1/2-TBL-150-CB	8203980	1/2	Blue	150		
	PUN-H-1/4-TSW-150-CB	8203971	1/4	Black	150			PUN-H-1/2-TSW-150-CB	8203981	1/2	Black	150		
	PUN-H-1/4-TRT-150-CB	8203972	1/4	Red	150			PUN-H-1/2-TRT-150-CB	8203982	1/2	Red	150		
	PUN-H-1/4-TGN-150-CB	8203973	1/4	Green	150			PUN-H-1/2-TGN-150-CB	8203983	1/2	Green	150		
	PUN-H-1/4-TGE-150-CB	8203974	1/4	Yellow	150			PUN-H-1/2-TGE-150-CB	8203984	1/2	Yellow	150		
	PUN-H-3/8-TBL-150-CB	8203975	3/8	Blue	150									
	PUN-H-3/8-TSW-150-CB	8203976	3/8	Black	150									
	PUN-H-3/8-TRT-150-CB	8203977	3/8	Red	150									
	PUN-H-3/8-TGN-150-CB	8203978	3/8	Green	150									
	PUN-H-3/8-TGE-150-CB	8203979	3/8	Yellow	150									



Metric connections



External straight connector	Part #	Item number	Metric thread	Tube OD size mm	Pkg QTY		Internal straight connector	Part #	Item number	Metric thread	Tube OD size mm	Pkg QTY	
	QSM-M3-4	153303	M3	4	10			QSM-M3-4-I	153314	M3	4	10	
	QSM-M5-4	153304	M5	4	10			QSM-M5-4-I	153315	M5	4	10	
	QSM-M5-6	153306	M5	6	10			QSM-M5-6-I	153317	M5	6	10	
	QS-1/8-4	153001	1/8 R	4	10			QS-1/8-4-I	153012	1/8 R	4	10	
	QS-1/8-6	153002	1/8 R	6	10			QS-1/8-6-I	153013	1/8 R	6	10	
	QS-1/4-6	153003	1/4 R	6	10			QS-1/4-6-I	153014	1/4 R	6	10	
	QS-1/4-8	153005	1/4 R	8	10			QS-1/4-8-I	153016	1/4 R	8	10	
	QS-3/8-8	153006	3/8 R	8	10			QS-3/8-8-I	153017	3/8 R	8	10	
	QS-3/8-10	153008	3/8 R	10	10			QS-3/8-10-I	153019	3/8 R	10	10	
	QS-1/2-10	190646	1/2 R	10	1			QS-1/2-10-I	190648	1/2 R	10	1	
	QS-1/2-12	153010	1/2 R	12	1			QS-1/2-12-I	153021	1/2 R	12	1	



Elbow connector	Part #	Item number	Port thread	Tube OD size mm	Pkg QTY		Tee connector	Part #	Item number	Port thread	Tube OD size mm	Pkg QTY	
	QSML-M3-4	153332	M3	4	10			QSMT-M3-4	153353	M3	4	10	
	QSML-M5-4	153333	M5	4	10			QSMT-M5-4	153354	M5	4	10	
	QSML-M5-6	153335	M5	6	10			QSMT-M5-6	153356	M5	6	10	
	QSL-1/8-4	153045	1/8 R	4	10			QST-1/8-4	153106	1/8 R	4	10	
	QSL-1/8-6	153046	1/8 R	6	10			QST-1/8-6	153107	1/8 R	6	10	
	QSL-1/4-6	153047	1/4 R	6	10			QST-1/4-6	153108	1/4 R	6	10	
	QSL-1/4-8	153049	1/4 R	8	10			QST-1/4-8	153110	1/4 R	8	10	
	QSL-3/8-8	153050	3/8 R	8	10			QST-3/8-8	153111	3/8 R	8	10	
	QSL-3/8-10	153052	3/8 R	10	10			QST-3/8-10	153113	3/8 R	10	10	
	QSL-1/2-10	190661	1/2 R	10	1			QST-1/2-10	190672	1/2 R	10	1	
	QSL-1/2-12	153054	1/2 R	12	1			QST-1/2-12	153115	1/2 R	12	1	



Metric connections (continued)

Straight union	Part #	Item number	Tube OD metric	Tube OD metric	Pkg QTY		Tee union	Part #	Item number	Tube OD metric	Tube OD metric	Pkg QTY	
	QS-4	153031	4	4	10			QST-4	153128	4	4	10	
	QS-6	153032	6	6	10			QST-6	153129	6	6	10	
	QS-8	153033	8	8	10			QST-8	153130	8	8	10	
	QS-10	153034	10	10	10			QST-10	153131	10	10	10	
	QS-12	153035	12	12	10			QST-12	153132	12	12	10	
	QS-6-4	153037	6	4	10			QST-6-4	153134	6	4	10	
	QS-8-6	153038	8	6	10			QST-8-6	153135	8	6	10	
	QS-10-6	130607	10	6	10			QST-10-6	130614	10	6	10	
	QS-10-8	153039	10	8	10			QST-10-8	153136	10	8	10	
	QS-12-10	153040	12	10	10			QST-12-10	153137	12	10	10	
QS-1/2-12	153010		1/2 R	12	1								



Elbow union	Part #	Item number	Tube OD metric	Tube OD metric	Pkg QTY		Straight plug in stem	Part #	Item number	Stem size	Tube OD metric	Pkg QTY	
	QSL-4	153070	4	4	10			QS-6H-4	153041	6	4	10	
	QSL-6	153071	6	6	10			QS-8H-6	153042	8	6	10	
	QSL-8	153072	8	8	10			QS-10H-6	130623	10	6	10	
	QSL-10	153073	10	10	10			QS-10H-8	153043	10	8	10	
	QSL-12	153074	12	12	10			QS-12H-10	153044	12	10	10	

Y union	Part #	Item number	Tube OD metric	Tube OD metric	Pkg QTY		Elbow plug in stem	Part #	Item number	Plug OD MM	Tube OD size mm	Pkg QTY	
	QSY-4	153148	4	4	10			QSL-4H	153056	4	4	10	
	QSY-6	153149	6	6	10			QSL-6H	153057	6	6	10	
	QSY-8	153150	8	8	10			QSL-8H	153058	8	8	10	
	QSY-10	153151	10	10	10			QSL-10H	153059	10	10	10	
	QSY-12	153152	12	12	10			QSL-12H	153060	12	12	10	
	QSY-6-4	153153	6	4	10			QSL-6H-4	153061	6	4	10	
	QSY-8-6	153154	8	6	10			QSL-8H-6	153062	8	6	10	
	QSY-10-6	130611	10	6	10			QSL-10H-8	153063	10	8	10	
	QSY-10-8	153155	10	8	10			QSL-12H-10	153064	12	10	10	
	QSY-12-10	153156	12	10	10								


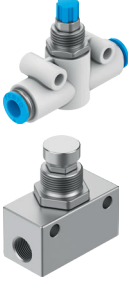

Stem plugs	Part #	Item number	Stem size mm	Pkg QTY		Bulkhead	Part #	Item number	Tube OD mm	Pkg QTY	
	QSC-4H	153267	4	10			QSS-4	153157	4	10	
	QSC-6H	153268	6	10			QSS-6	153158	6	10	
	QSC-8H	153269	8	10			QSS-8	153159	8	10	
	QSC-10H	153270	10	10			QSS-10	153160	10	10	
	QSC-12H	153271	12	10			QSS-12	153161	12	10	

Distributor (swivel)	Part #	Item number	Port thread	Tube OD mm	Pkg QTY		Fitting manifold	Part #	Item number	Tube OD end ports	Tube OD reduced	Pkg QTY	
	QSLV3-1/8-4	153221	1/8 R	4	1			QST3-6-4	153203	6	4	1	
	QSLV3-1/8-6	153222	1/8 R	6	1			QST3-8-6	153204	8	6	1	
	QSLV3-1/4-6	153223	1/4 R	6	1			QST3-10-8	153205	10	8	1	
	QSLV3-1/4-8	153225	1/4 R	8	1								
	QSLV3-3/8-8	153226	3/8 R	8	1								
	QSLV3-3/8-10	153228	3/8 R	10	1								
	QSLV3-3/8-12	153229	3/8 R	12	1								
QSLV3-1/2-12	153230	1/2 R	12	1									



Mufflers and quick exhaust valves

Mufflers	Part #	Item number	Thread metric size	Pkg QTY		Quick exhaust valves	Part #	Item number	Thread metric size	Pkg QTY	
	AMTE-M-LH-M5	1205858	M5	10			SEU-1/8	4616	1/8 G	1	
	AMTE-M-LH-G18	1205860	1/8 G	10			SEU-1/4	6753	1/4 G	1	
	AMTE-M-LH-G14	1205861	1/4 G	10			SEU-3/8	6755	3/8 G	1	
	AMTE-M-LH-G38	1205862	3/8 G	10			SEU-1/2	6822	1/2 G	1	
	AMTE-M-LH-G12	1205863	1/2 G	10							



Flow control valves

Flow controls	Part #	Item number	Metric thread	Tube OD size mm	Pkg QTY		Inline flow controls	Part #	Item number	Connections	Pkg QTY	
	GRLA-M3	175038	M3	M3	1			GR-QS-4	193967	4 mm	1	
	VFOE-LE-T-M5-Q4	8068723	M5	4	1			GR-QS-6	193969	6 mm	1	
	VFOE-LE-T-M5-Q6	8068724	M5	6	1			GR-QS-8	193970	8 mm	1	
	VFOE-LE-T-R18-Q4	8068734	1/8 R	4	1			GR-M3	15899	M3	1	
	VFOE-LE-T-R18-Q6	8068735	1/8 R	6	1			GR-M5-B	151213	M5	1	
	VFOE-LE-T-R14-Q6	8068737	1/4 R	6	1			GR-1/8-B	151215	1/8 G	1	
	VFOE-LE-T-R14-Q8	8068738	1/4 R	8	1			GRA-1/4-B	6509	1/4 G	1	
	VFOE-LE-T-R38-Q8	8068740	3/8 R	8	1			GR-3/8-B	6308	3/8 G	1	
	VFOE-LE-T-R38-Q10	8068741	3/8 R	10	1			GR-1/2	3720	1/2 G	1	
	VFOE-LE-T-R12-Q12	8068742	1/2 R	12	1			GR-3/4	2103	3/4 G	1	
Inline Regulators	Part #	Item number	Tube OD size	Pkg QTY								
	VRPA-CM-Q4-E	8086003	4 MM OD	1								
	VRPA-CM-Q6-E	8086004	6 MM OD	1								
	VRPA-CM-Q8-E	8086005	8 MM OD	1								

Tubing and accessories

Polyurethane tubing - box	Part #	Item number	Tube OD size	Color (solid)	PKG (M)		Polyurethane Tubing - Reel	Part #	Item number	Tube OD size	Color (solid)	Reel
	PUN-H-4X0,75-BL	197383	4	Blue	50			PUN-H-4X0,75-BL-500	558257	4	Blue	500 M
	PUN-H-4X0,75-SW	197390	4	Black	50			PUN-H-4X0,75-SW-500	558250	4	Black	500 M
	PUN-H-6X1-BL	197384	6	Blue	50			PUN-H-6X1-BL-500	558258	6	Blue	500 M
	PUN-H-6X1-SW	197391	6	Black	50			PUN-H-6X1-SW-500	558251	6	Black	500 M
	PUN-H-8X1,25-BL	197385	8	Blue	50			PUN-H-8X1,25-BL-400	558259	8	Blue	400 M
	PUN-H-8X1,25-SW	197392	8	Black	50			PUN-H-8X1,25-SW-400	558252	8	Black	400 M
	PUN-H-10X1,5-BL	197386	10	Blue	50			PUN-H-10X1,5-BL-300	558260	10	Blue	300 M
	PUN-H-10X1,5-SW	197393	10	Black	50			PUN-H-10X1,5-SW-300	558253	10	Black	300 M
	PUN-H-12X2-BL	197387	12	Blue	50			PUN-H-12X2-BL-200	558261	12	Blue	200 M
	PUN-H-12X2-SW	197394	12	Black	50			PUN-H-12X2-SW-200	558254	12	Black	200 M

Translucent tubing

Polyurethane tubing - box	Part #	Item number	Tube OD size	Color (clear)	PKG (M)		Polyurethane tubing - box	Part #	Item number	Tube OD size	Color (clear)	PKG (M)
	PUN-H-4X0,75-TBL	8048671	4	Blue	50			PUN-H-4X0,75-TBL-500	8048672	4	Blue	500 M
	PUN-H-4X0,75-TRT	8048675	4	Red	50			PUN-H-4X0,75-TRT-500	8048676	4	Red	500 M
	PUN-H-6X1-TBL	8048681	6	Blue	50			PUN-H-6X1-TBL-500	8048682	6	Blue	500 M
	PUN-H-6X1-TRT	8048685	6	Red	50			PUN-H-6X1-TRT-500	8048686	6	Red	500 M
	PUN-H-8X1,25-TBL	8048691	8	Blue	50			PUN-H-8X1,25-TBL-400	8048692	8	Blue	400 M
	PUN-H-8X1,25-TRT	8048695	8	Red	50			PUN-H-8X1,25-TRT-400	8048696	8	Red	400 M
	PUN-H-10X1,5-TBL	8048701	10	Blue	50			PUN-H-10X1,5-TBL-300	8048702	10	Blue	300 M
	PUN-H-10X1,5-TRT	8048705	10	Red	50			PUN-H-10X1,5-TRT-300	8048706	10	Red	300 M
	PUN-H-12X2-TBL	8048711	12	Blue	50			PUN-H-12X2-TBL-200	8048712	12	Blue	200 M
	PUN-H-12X2-TRT	8048715	12	Red	50			PUN-H-12X2-TRT-200	8048716	12	Red	200 M

VMI Programs

Fitting Cart - ZW-HD-R-CS
(23155985 Part number)




Tubing Rack
ZW-TH-CS Part number (23155987)



Up to 120 Compartments (24 per drawer)
Optional customized labels with Bar codes,
descriptions and pictures

Additional information

Tube Cutter	Part #	Item Number	Description	Pkg QTY
	ZRS	7658	Tubing O.D. 2 - 20 mm	1
	Spare Blades	218606	Replacement Blades	1 PKG

General Specification		
Series	Pressure rating	Additional data
QB Fittings	(-13.8 to 145 PSI)	More options and sizes available
QB Hybrid	(-13.8 to 145 PSI)	
QS Inch	(-13.8 to 145 PSI)	
GR Flow Controls	(-13.8 to 116 PSI)	More options in the metric series
SEQ Quick Exhaust	(2.9 to 145 PSI)	More options in the metric series
PUN-H Tubing	(-14.4 to 145 PSI)	Additional colors and sizes are available
AMTE Mufflers	(0 to 145PSI)	More options in the metric series

Please contact your local rep for additional information



Connection Technology: How-To Videos

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