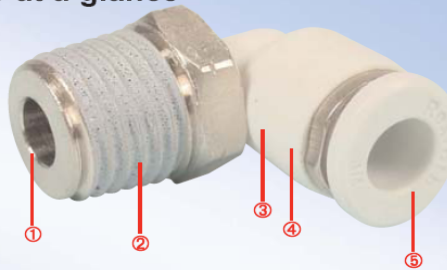


# Series QR1 Inch & Metric Fittings

## The advantages of Series QR1 at a glance

- ① Nickel plated brass threads
- ② Teflon® coated thread sealant on NPT version
- ③ Light, polymer design suitable for all Bosch Rexroth products
- ④ Stainless steel internal locking ring
- ⑤ Quick, easy release by means of oval release ring with an enlarged surface area



### Straight fitting with male thread



PartNumber	Tube	Thread	Order
R432000322	1/8"	10-32	25
R432000139	5/32"	10-32	10
R432000126	1/4"	10-32	10
R432000321	1/8"	1/8 NPT	10
R432000141	5/32"	1/8 NPT	10
R432000128	1/4"	1/8 NPT	10
R432000137	5/16"	1/8 NPT	10
R432002636	3/8"	1/8 NPT	10
R432000140	5/32"	1/4 NPT	10
R432000127	1/4"	1/4 NPT	10
R432000136	5/32"	1/4 NPT	10
R432000133	3/8"	1/4 NPT	10
R432000124	1/2"	1/4 NPT	10
R432000129	1/4"	3/8 NPT	10
R432000138	5/16"	3/8 NPT	10
R432000134	3/8"	3/8 NPT	10
R432000125	1/2"	3/8 NPT	10
R432000135	5/16"	1/2 NPT	10
R432000132	3/8"	1/2 NPT	10
R432000123	1/2"	1/2 NPT	5
2121004180	4 mm	G 1/8	10
2121006180	6 mm	G 1/8	10
2121008180	8 mm	G 1/8	10
R412005002	10 mm	G 1/8	10
2121004140	4 mm	G 1/4	10
2121006140	6 mm	G 1/4	10
2121008140	8 mm	G 1/4	10
2121010140	10 mm	G 1/4	10
2121012140	12 mm	G 1/4	10
2121008380	8 mm	G 3/8	10
2121010380	10 mm	G 3/8	10
2121012380	12 mm	G 3/8	10
2121014380	14 mm	G 3/8	10
R412005005	16 mm	G 3/8	10
R412005001	8 mm	G 1/2	10
2121010120	10 mm	G 1/2	10
2121012120	12 mm	G 1/2	10
2121014120	14 mm	G 1/2	10
R412005006	16 mm	G 1/2	10
R412005118	3 mm	M5	25
2121004050	4 mm	M5	10
2121006050	6 mm	M5	10

### Straight fitting with fine-pitch male thread



PartNumber	Tube	Thread	Order
R412005276	3 mm	M6x.75	25
R412005277	4 mm	M6x.75	25
R412005278	4 mm	M8x.75	25
R412005279	6 mm	M8x.75	25

Please refer to Bosch Rexroth Pneumatics catalog SC-400.10 for all catalogued QR1 fitting types and sizes.

### Straight fitting with female thread



PartNumber	Tube	Thread	Order
R432000301	1/8"	10-32	25
R432000302	5/32"	10-32	25
R432000030	5/32"	1/8 NPT	10
R432000020	1/4"	1/8 NPT	10
R432000027	5/16"	1/8 NPT	10
R432000019	1/4"	1/4 NPT	10
R432000026	5/16"	1/4 NPT	10
R432000023	3/8"	1/4 NPT	10
R432000021	1/4"	3/8 NPT	10
R432000028	5/16"	3/8 NPT	10
R432000024	3/8"	3/8 NPT	10
R432000018	1/2"	3/8 NPT	10
R432000022	3/8"	1/2 NPT	10
R432000016	1/2"	1/2 NPT	10
2121904180	4 mm	G 1/8	10
2121906180	6 mm	G 1/8	10
2121908180	8 mm	G 1/8	10
2121906140	6 mm	G 1/4	10
2121908140	8 mm	G 1/4	10
R412005089	10 mm	G 1/4	10
R412005086	6 mm	G 3/8	10
R412005087	8 mm	G 3/8	10
2121910380	10 mm	G 3/8	10
2121912380	12 mm	G 3/8	10
R412005090	10 mm	G 1/2	10
2121912120	12 mm	G 1/2	10
R412005282	3 mm	M5	25
R412005283	4 mm	M5	25

### Bulkhead gland female thread



PartNumber	Tube	Thread	Order
R432000144	1/4"	1/8 NPT	10
R432000143	1/4"	1/4 NPT	10
R432000145	3/8"	1/4 NPT	10
R432000147	5/16"	1/4 NPT	10
R432000142	1/2"	3/8 NPT	10
R432000146	3/8"	3/8 NPT	10
R432000149	5/16"	3/8 NPT	10
R412005232	8 mm	G 1/8	10
2122604180	4 mm	G 1/8	10
2122606180	6 mm	G 1/8	10
R412005229	4 mm	G 1/4	10
R412005233	10 mm	G 1/4	10
R412005234	12 mm	G 1/4	10
2122606140	6 mm	G 1/4	10
2122608140	8 mm	G 1/4	10
R412005230	6 mm	G 3/8	10
R412005231	8 mm	G 3/8	10
R412005235	12 mm	G 3/8	10
2122610380	10 mm	G 3/8	10
2122612120	12 mm	G 1/2	10

### Notes:

- 1) G threads are ISO G (BSPP).
- 2) "Order" refers to quantity per pack, must be ordered in multiples of that quantity.
- 3) Product may vary slightly from photo.

### Standpipe with male thread



PartNumber	Tube	Thread	Order
R432000045	5/32"	10-32	10
R432000034	1/4"	10-32	10
R432000047	5/32"	1/8 NPT	10
R432000036	1/4"	1/8 NPT	10
R432000046	5/32"	1/4 NPT	10
R432000035	1/4"	1/4 NPT	10
R432000042	5/16"	1/4 NPT	10
R432000039	3/8"	1/4 NPT	10
R432000032	1/2"	1/4 NPT	10
R432000037	1/4"	3/8 NPT	10
R432000044	5/16"	3/8 NPT	10
R432000040	3/8"	3/8 NPT	10
R432000033	1/2"	3/8 NPT	10
R432000038	3/8"	1/2 NPT	10
R432000031	1/2"	1/2 NPT	5
2121604180	4 mm	G 1/8	10
2121606180	6 mm	G 1/8	10
R412005071	8 mm	G 1/8	10
R412005069	4 mm	G 1/4	10
2121606140	6 mm	G 1/4	10
2121608140	8 mm	G 1/4	10
R412005072	10 mm	G 1/4	10
R412005073	12 mm	G 1/4	10
R412005070	6 mm	G 3/8	10
2121608380	8 mm	G 3/8	10
2121610380	10 mm	G 3/8	10
R412005074	12 mm	G 3/8	10
R412005075	14 mm	G 3/8	5
R412005077	16 mm	G 3/8	5
2121610120	10 mm	G 1/2	10
2121612120	12 mm	G 1/2	10
R412005076	14 mm	G 1/2	5
R412005078	16 mm	G 1/2	5
2121604050	4 mm	M5	10
R412005068	6 mm	M5	10

### Straight fitting with male thread and internal hex socket



PartNumber	Tube	Thread	Order
R432000333	5/32"	10-32	25
R432000331	5/32"	1/8 NPT	25
R432000318	1/4"	10-32	25
R432000317	1/4"	1/8 NPT	25
R432000326	1/8"	10-32	10
R432000325	1/8"	1/8 NPT	10
R412005274	4 mm	G 1/8	25
R412005275	6 mm	G 1/8	25
R412005267	4 mm	M5	25
R412005268	6 mm	M5	25

**Straight Fittings**



### Male elbow fitting

PartNumber	Tube	Thread	Order
R432000358	1/8"	10-32	10
R432000243	5/32"	10-32	10
R432000232	1/4"	10-32	10
R432000357	1/8"	1/8 NPT	10
R432000245	5/32"	1/8 NPT	10
R432000234	1/4"	1/8 NPT	10
R432000241	5/16"	1/8 NPT	10
R432002637	3/8"	1/8 NPT	10
R432000244	5/32"	1/4 NPT	10
R432000233	1/4"	1/4 NPT	10
R432000240	5/16"	1/4 NPT	10
R432000237	3/8"	1/4 NPT	10
R432000230	1/2"	1/4 NPT	10
R432000235	1/4"	3/8 NPT	5
R432000242	5/16"	3/8 NPT	10
R432000238	3/8"	3/8 NPT	10
R432000231	1/2"	3/8 NPT	10
R432000239	5/16"	1/2 NPT	5
R432000236	3/8"	1/2 NPT	10
R432000229	1/2"	1/2 NPT	10
2122004180	4 mm	G 1/8	10
2122006180	6 mm	G 1/8	10
2122008180	8 mm	G 1/8	10
2122004140	4 mm	G 1/4	10
2122006140	6 mm	G 1/4	10
2122008140	8 mm	G 1/4	10
2122010140	10 mm	G 1/4	10
2122012140	12 mm	G 1/4	10
R412005092	6 mm	G 3/8	10
2122008380	8 mm	G 3/8	10
2122010380	10 mm	G 3/8	10
2122012380	12 mm	G 3/8	10
2122014380	14 mm	G 3/8	5
R412005097	16 mm	G 3/8	5
R412005093	8 mm	G 1/2	10
2122010120	10 mm	G 1/2	10
2122012120	12 mm	G 1/2	10
2122014120	14 mm	G 1/2	5
R412005098	16 mm	G 1/2	5
R412005284	3 mm	M3	25
R412005285	4 mm	M3	25
R412005286	3 mm	M5	25
2122004050	4 mm	M5	10
2122006050	6 mm	M5	10
R412005289	3 mm	M6	25
R412005628	4 mm	M6	25
R412005377	4 mm	M7	25

### Female elbow fitting, Inch



PartNumber	Tube	Thread	Order
R432000204	5/32"	10-32	10
R432000194	1/4"	10-32	10
R432000206	5/32"	1/8 NPT	10
R432000196	1/4"	1/8 NPT	10
R432000202	5/16"	1/8 NPT	10
R432000195	1/4"	1/4 NPT	10
R432000201	5/16"	1/4 NPT	10
R432000199	3/8"	1/4 NPT	10
R432000197	1/4"	3/8 NPT	10
R432000203	5/16"	3/8 NPT	10
R432000200	3/8"	3/8 NPT	10
R432000198	3/8"	1/2 NPT	10



### Banjo fitting

PartNumber	Tube	Thread	Order
R432000254	5/32"	10-32	10
R432000255	5/32"	1/8 NPT	10
R432000248	1/4"	1/8 NPT	10
R432000253	5/16"	1/8 NPT	10
R432000249	1/4"	1/4 NPT	10
R432000252	5/16"	1/4 NPT	10
R432000250	3/8"	1/4 NPT	10
R432000251	3/8"	3/8 NPT	10
R432000247	1/2"	3/8 NPT	5
R432000246	1/2"	1/2 NPT	5
R412005237	4 mm	G 1/8	10
R412005239	6 mm	G 1/8	10
R412005240	8 mm	G 1/8	10
R412005241	6 mm	G 1/4	10
R412005242	8 mm	G 1/4	10
R412005243	10 mm	G 1/4	10
R412005244	8 mm	G 3/8	5
R412005245	10 mm	G 3/8	5
R412005246	12 mm	G 3/8	5
R412005236	4 mm	M5	10
R412005238	6 mm	M5	10

### 45 degree elbow fitting



PartNumber	Tube	Thread	Order
R432000298	5/32"	10-32	10
R432000286	1/4"	10-32	10
R432000300	5/32"	1/8 NPT	10
R432000288	1/4"	1/8 NPT	10
R432000296	5/16"	1/8 NPT	10
R432000292	3/8"	1/8 NPT	10
R432000284	1/2"	1/8 NPT	5
R432000299	5/32"	1/4 NPT	10
R432000287	1/4"	1/4 NPT	10
R432000295	5/16"	1/4 NPT	10
R432000291	3/8"	1/4 NPT	10
R432000283	1/2"	1/4 NPT	10
R432000289	1/4"	3/8 NPT	10
R432000297	5/16"	3/8 NPT	10
R432000293	3/8"	3/8 NPT	5
R432000285	1/2"	3/8 NPT	10
R432000294	5/16"	1/2 NPT	10
R432000290	3/8"	1/2 NPT	10
R432000282	1/2"	1/2 NPT	10
R412005009	4 mm	G 1/8	10
R412005011	6 mm	G 1/8	10
R412005014	8 mm	G 1/8	10
R412005018	10 mm	G 1/8	10
R412005010	4 mm	G 1/4	10
R412005012	6 mm	G 1/4	10
R412005015	8 mm	G 1/4	10
R412005019	10 mm	G 1/4	10
R412005022	12 mm	G 1/4	10
R412005013	6 mm	G 3/8	10
R412005016	8 mm	G 3/8	10
R412005020	10 mm	G 3/8	10
R412005023	12 mm	G 3/8	10
R412005017	8 mm	G 1/2	10
R412005021	10 mm	G 1/2	10
R412005024	12 mm	G 1/2	10
R412005007	4 mm	M5	10
R412005008	6 mm	M5	10

### Extended elbow fitting



PartNumber	Tube	Thread	Order
R432000352	1/8"	10-32	10
R432000226	5/32"	10-32	10
R432000215	1/4"	10-32	10
R432000351	1/8"	1/8 NPT	10
R432000228	5/32"	1/8 NPT	10
R432000217	1/4"	1/8 NPT	10
R432000227	5/32"	1/4 NPT	10
R432000216	1/4"	1/4 NPT	10
R432000223	5/16"	1/4 NPT	10
R432000220	3/8"	1/4 NPT	10
R432000218	1/4"	3/8 NPT	5
R432000225	5/16"	3/8 NPT	5
R432000221	3/8"	3/8 NPT	5
R432000214	1/2"	3/8 NPT	5
R432000219	3/8"	1/2 NPT	5
R432000212	1/2"	1/2 NPT	5
2122104180	4 mm	G 1/8	10
2122106180	6 mm	G 1/8	10
2122108180	8 mm	G 1/8	10
R412005102	10 mm	G 1/8	10
R412005390	4 mm	G 1/8	25
R412005391	6 mm	G 1/8	25
2122104140	4 mm	G 1/4	10
2122106140	6 mm	G 1/4	10
2122108140	8 mm	G 1/4	10
2122110140	10 mm	G 1/4	10
R412005103	12 mm	G 1/4	10
R412005100	6 mm	G 3/8	10
2122108380	8 mm	G 3/8	10
2122110380	10 mm	G 3/8	10
R412005104	12 mm	G 3/8	10
R412005108	14 mm	G 3/8	5
R412005101	10 mm	G 1/2	10
R412005105	12 mm	G 1/2	10
R412005109	14 mm	G 1/2	5
R412005381	3 mm	M3	25
R412005382	4 mm	M3	25
2122104050	4 mm	M5	10
R412005099	6 mm	M5	10
R412005383	3 mm	M5	25
R412005384	4 mm	M5	25
R412005385	6 mm	M5	25
R412005386	4 mm	M6	25
R412005387	6 mm	M6	25

### Female elbow fitting, Metric



PartNumber	Tube	Thread	Order
R412005129	4 mm	G 1/8	10
R412005130	6 mm	G 1/8	10
R412005132	4 mm	G 1/4	10
R412005133	6 mm	G 1/4	10
R412005134	8 mm	G 1/4	10
R412005136	6 mm	G 3/8	10
R412005137	8 mm	G 3/8	10
R412005138	10 mm	G 3/8	10
R412005140	10 mm	G 1/2	10
R412005139	12 mm	G 1/2	10
R412005127	4 mm	M5	10
R412005128	6 mm	M5	10

Multi-connection  
banjo fitting (tall)



PartNumber	Tube connections	Tube	Thread	Order
R412005141	2(2tall)	4 mm	G 1/8	10
R412005144	2(2tall)	6 mm	G 1/8	10
R412005145	2(2tall)	6 mm	G 1/4	10
R412005148	2(2tall)	8 mm	G 1/4	10
R412005149	2(2tall)	8 mm	G 3/8	10
R412005152	2(2tall)	10 mm	G 3/8	5
R412005153	2(2tall)	10 mm	G 1/2	5
R412005155	2(2tall)	12 mm	G 1/2	5
R412005156	3(3tall)	4 mm	G 1/8	10
R412005157	3(3tall)	6 mm	G 1/8	10
R412005160	3(3tall)	6 mm	G 1/4	10
R412005161	3(3tall)	8 mm	G 1/4	10
R412005165	3(3tall)	8 mm	G 3/8	10
R412005166	3(3tall)	10 mm	G 3/8	5
R412005169	3(3tall)	10 mm	G 1/2	5
R412005170	3(3tall)	12 mm	G 1/2	5
R412005171	4(2x2)	4 mm	G 1/8	10
R412005172	4(2x2)	6 mm	G 1/8	10
R412005175	4(2x2)	6 mm	G 1/4	10
R412005176	4(2x2)	8 mm	G 1/4	10
R412005180	4(2x2)	8 mm	G 3/8	10
R412005181	4(2x2)	10 mm	G 3/8	5
R412005184	4(2x2)	10 mm	G 1/2	5
R412005185	4(2x2)	12 mm	G 1/2	5
R412005186	6(3tallx2wide)	4 mm	G 1/8	10
R412005187	6(3tallx2wide)	6 mm	G 1/8	10
R412005190	6(3tallx2wide)	6 mm	G 1/4	10
R412005191	6(3tallx2wide)	8 mm	G 1/4	10
R412005195	6(3tallx2wide)	8 mm	G 3/8	10
R412005196	6(3tallx2wide)	10 mm	G 3/8	5
R412005199	6(3tallx2wide)	10 mm	G 1/2	5
R412005200	6(3tallx2wide)	12 mm	G 1/2	5

Two-connection banjo  
fitting (wide)



PartNumber	Tube	Thread	Order
R432000011	5/32"	10-32	10
R432000008	1/4"	1/8 NPT	10
R432000010	5/16"	1/4 NPT	10
R432000009	3/8"	3/8 NPT	5
R432000007	1/2"	1/2 NPT	5

Banjo fitting with  
female auxiliary port



PartNumber	Tube	Thread	Order
R432000078	1/4"	10-32	10
R432000080	1/4"	1/8 NPT	10
R432000079	1/4"	1/4 NPT	10
R432000081	3/8"	1/4 NPT	5
R432000082	3/8"	3/8 NPT	5
R432000077	1/2"	3/8 NPT	5
R432000076	1/2"	1/2 NPT	5
R412005249	4 mm	G 1/8	10
R412005250	6 mm	G 1/8	10
R412005252	6 mm	G 1/4	10
R412005253	8 mm	G 1/4	10
R412005256	10 mm	G 3/8	5
R412005258	12 mm	G 1/2	5
R412005247	4 mm	M5	10
R412005248	6 mm	M5	10

Branch tee fitting



PartNumber	Tube	Thread	Order
R432000342	1/8"	10-32	10
R432000185	5/32"	10-32	10
R432000174	1/4"	10-32	10
R432000341	1/8"	1/8 NPT	10
R432000187	5/32"	1/8 NPT	10
R432000176	1/4"	1/8 NPT	10
R432000183	5/16"	1/8 NPT	10
R432002639	3/8"	1/8 NPT	10
R432000186	5/32"	1/4 NPT	10
R432000175	1/4"	1/4 NPT	10
R432000182	5/16"	1/4 NPT	10
R432000179	3/8"	1/4 NPT	10
R432000188	5/32"	3/8 NPT	5
R432000177	1/4"	3/8 NPT	10
R432000184	5/16"	3/8 NPT	10
R432000180	3/8"	3/8 NPT	10
R432000173	1/2"	3/8 NPT	5
R432000181	5/16"	1/2 NPT	10
R432000178	3/8"	1/2 NPT	10
R432000171	1/2"	1/2 NPT	5
2122204180	4 mm	G 1/8	10
2122206180	6 mm	G 1/8	10
2122208180	8 mm	G 1/8	10
2122204140	4 mm	G 1/4	10
2122206140	6 mm	G 1/4	10
2122208140	8 mm	G 1/4	10
2122210140	10 mm	G 1/4	10
2122208380	8 mm	G 3/8	10
2122210380	10 mm	G 3/8	10
2122212380	12 mm	G 3/8	10
2122214380	14 mm	G 3/8	10
2122212120	12 mm	G 1/2	5
2122214120	14 mm	G 1/2	5
R412005209	16 mm	G 1/2	5
R412005392	3 mm	M3	25
R412005393	4 mm	M3	25
2122204050	4 mm	M5	10
R412005201	6 mm	M5	10
R412005398	4 mm	M6	25
R412005399	6 mm	M6	25

Y-fitting, Inch



PartNumber	Tube	Thread	Order
R432000473	5/32"	10-32	10
R432000476	1/4"	10-32	10
R432000474	5/32"	1/8 NPT	10
R432000477	1/4"	1/8 NPT	10
R432000480	5/16"	1/8 NPT	10
R432000475	5/32"	1/4 NPT	10
R432000478	1/4"	1/4 NPT	10
R432000481	5/16"	1/4 NPT	10
R432000485	3/8"	1/4 NPT	10
R432000479	1/4"	3/8 NPT	10
R432000482	5/16"	3/8 NPT	10
R432000486	3/8"	3/8 NPT	10
R432000489	1/2"	3/8 NPT	10
R432000483	5/16"	1/2 NPT	10
R432000487	3/8"	1/2 NPT	10
R432000490	1/2"	1/2 NPT	10

Run tee fitting



PartNumber	Tube	Thread	Order
R432000310	1/8"	10-32	10
R432000107	5/32"	10-32	10
R432000096	1/4"	10-32	10
R432000309	1/8"	1/8 NPT	10
R432000109	5/32"	1/8 NPT	10
R432000098	1/4"	1/8 NPT	10
R432000104	5/16"	1/8 NPT	10
R432000108	5/32"	1/4 NPT	10
R432000097	1/4"	1/4 NPT	10
R432000105	5/16"	1/4 NPT	10
R432000101	3/8"	1/4 NPT	10
R432000094	1/2"	1/4 NPT	5
R432000099	1/4"	3/8 NPT	10
R432000106	5/16"	3/8 NPT	10
R432000102	3/8"	3/8 NPT	10
R432000095	1/2"	3/8 NPT	5
R432000103	5/16"	1/2 NPT	5
R432000100	3/8"	1/2 NPT	10
R432000093	1/2"	1/2 NPT	5
2122304180	4 mm	G 1/8	10
2122306180	6 mm	G 1/8	10
R412005214	8 mm	G 1/8	10
R412005211	4 mm	G 1/4	10
2122306140	6 mm	G 1/4	10
2122308140	8 mm	G 1/4	10
R412005215	10 mm	G 1/4	10
2122308380	8 mm	G 3/8	10
2122310380	10 mm	G 3/8	10
2122312380	12 mm	G 3/8	5
2122310120	10 mm	G 1/2	10
2122312120	12 mm	G 1/2	5
R412005402	3 mm	M3	25
R412005403	4 mm	M3	25
R412005404	3 mm	M5	25
2122304050	4 mm	M5	10
R412005212	6 mm	M5	10
R412005407	3 mm	M6	25
R412005408	4 mm	M6	25
R412005409	6 mm	M6	25

Y-fitting, Metric



PartNumber	Tube	Thread	Order
2122404180	4 mm	G 1/8	10
2122406180	6 mm	G 1/8	10
2122408180	8 mm	G 1/8	10
2122404140	4 mm	G 1/4	10
2122406140	6 mm	G 1/4	10
2122408140	8 mm	G 1/4	10
2122410140	10 mm	G 1/4	10
R412005220	6 mm	G 3/8	10
R412005221	8 mm	G 3/8	10
2122410380	10 mm	G 3/8	10
2122412380	12 mm	G 3/8	10
R412005222	8 mm	G 1/2	10
2122410120	10 mm	G 1/2	10
2122412120	12 mm	G 1/2	10
2122404050	4 mm	M5	10
R412005219	6 mm	M5	10

Other threaded  
fittings

**Rexroth**  
Bosch Group

Straight tube union  
equal (\*) and reducing



PartNumber	Tube	Tube	Order
R432000336	1/8"	*	25
R432000154	5/32"	*	10
R432000328	5/32"	1/8"	25
R432000151	1/4"	*	10
R432000162	1/4"	5/32"	10
R432000335	1/4"	*	25
R432000153	5/16"	*	10
R432000164	5/16"	1/4"	10
R432000152	3/8"	*	10
R432000161	3/8"	1/4"	10
R432000163	3/8"	5/16"	10
R432000150	1/2"	*	10
R432000160	1/2"	3/8"	10
R412005412	3 mm	*	25
2121504000	4 mm	*	10
R412005413	4 mm	*	25
R412005415	4 mm	3 mm	25
2121506000	6 mm	*	10
R412005414	6 mm	*	25
R412005060	6 mm	4 mm	10
R412005416	6 mm	4 mm	25
2121508000	8 mm	*	10
R412005061	8 mm	4 mm	10
R412005062	8 mm	6 mm	10
2121510000	10 mm	*	10
R412005063	10 mm	6 mm	10
R412005064	10 mm	8 mm	10
2121512000	12 mm	*	10
R412005065	12 mm	8 mm	10
R412005066	12 mm	10 mm	10
2121514000	14 mm	*	5
R412005059	16 mm	*	5
R412005067	16 mm	12 mm	5

Bulkhead tube union  
Plastic(\*\*\*) or Metal



PartNumber	Tube	Order
R432000334	1/8"	25
R432000159	5/32"	10
R432000156	1/4"	10
R432000158	5/16"	10
R432000157	3/8"	10
R432000155	1/2"	10
R412005417	3 mm	25
2121404000	4 mm	10
R412005418	4 mm	25
2121406000	6 mm	10
R412005419	6 mm	25
2121408000	8 mm	10
2121410000	10 mm	10
2121412000	12 mm	10
R412005051***	4 mm	10
R412005052***	6 mm	10
R412005053***	8 mm	10
R412005054***	10 mm	10
R412005055***	12 mm	10

Tube union elbow



PartNumber	Tube	Order
R432000348	1/8"	25
R432000211	5/32"	10
R432000208	1/4"	10
R432000347	1/4"	25
R432000210	5/16"	10
R432000209	3/8"	10
R432000207	1/2"	10
R412005423	3 mm	25
2121204000	4 mm	10
R412005424	4 mm	25
2121206000	6 mm	10
R412005425	6 mm	25
2121208000	8 mm	10
2121210000	10 mm	10
2121212000	12 mm	10
2121214000	14 mm	5
R412005033	16 mm	5

Tube union tee  
equal (\*) and reducing



PartNumber	TubeThrough	TubeBranch	Order
R432000338	1/8"	1/8"	25
R432000170	5/32"	*	10
R432000167	1/4"	*	10
R432003253	1/4"	5/32"	10
R432000337	1/4"	1/4"	25
R432000169	5/16"	*	10
R432003254	5/16"	5/32"	10
R432003255	5/16"	1/4"	10
R432000168	3/8"	*	10
R432003256	3/8"	1/4"	10
R432003257	3/8"	5/16"	10
R432000166	1/2"	*	10
R432003258	1/2"	5/16"	10
R432003259	1/2"	3/8"	10
R412005426	3 mm	*	25
2121104000	4 mm	*	10
R412005427	4 mm	*	25
2121106000	6 mm	*	10
R412005428	6 mm	*	25
R412005026	6 mm	4 mm	10
2121108000	8 mm	*	10
R412005027	8 mm	4 mm	10
R412005028	8 mm	6 mm	10
2121110000	10 mm	*	10
R412005029	10 mm	6 mm	10
R412005030	10 mm	8 mm	10
2121112000	12 mm	*	10
R412005031	12 mm	8 mm	10
R412005032	12 mm	10 mm	10
2121114000	14 mm	*	5
R412005025	16 mm	*	5

Cross tube union



PartNumber	Tube	Order
R432000323	1/8"	25
R432000260	5/32"	10
R432000257	1/4"	10
R432000259	5/16"	10
R432000258	3/8"	10
R432000256	1/2"	10
R412005434	3 mm	25
R412005361	4 mm	10
R412005362	6 mm	10
R412005363	8 mm	10
R412005364	10 mm	10
R412005365	12 mm	10

Y tube union  
equal (\*) or reducing



PartNumber	Tubex1	Tubex2	Order
R432000270	5/32"	*	10
R432000267	1/4"	*	10
R432000273	1/4"	5/32"	10
R432000269	5/16"	*	10
R432000272	5/16"	1/4"	10
R432000268	3/8"	*	10
R432000274	3/8"	1/4"	10
R432000276	3/8"	5/16"	10
R432000266	1/2"	*	10
R432000271	1/2"	3/8"	10
2121804000	4 mm	*	10
2121806000	6 mm	*	10
2121806040	6 mm	4 mm	10
2121808000	8 mm	*	10
R412005081	8 mm	4 mm	10
2121808060	8 mm	6 mm	10
2121810000	10 mm	*	10
R412005082	10 mm	6 mm	10
2121810080	10 mm	8 mm	10
2121812000	12 mm	*	10
R412005083	12 mm	8 mm	10
R412005080	12 mm	10 mm	10

4-to-1 Y tube union



PartNumber	Tubex1	Tubex2	Order
R412005344	6 mm	4 mm	10
R412005345	8 mm	6 mm	10

Bulkhead elbow  
Metal (\*\*\*) or Plastic



PartNumber	Tube	Order
R412005420**	3 mm	25
R412005056	4 mm	10
R412005421**	4 mm	25
R412005057	6 mm	10
R412005422**	6 mm	25
R412005375	8 mm	10
R412005376	10 mm	10
R412005058	12 mm	10

Tube unions

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Cap

PartNumber	Tube	Order
R432000304	1/8"	25
R432002351	5/32"	20
R432000052	1/4"	20
R432002352	5/16"	20
R432000053	3/8"	10
R432000051	1/2"	10
R412005448	3 mm	25
R412005111	4 mm	20
R412005112	6 mm	20
R412005113	8 mm	20
R412005114	10 mm	20
R412005115	12 mm	20



Plug

PartNumber	Tube	Order
R432000329	1/8"	25
R432002353	5/32"	20
R432000049	1/4"	20
R432002354	5/16"	20
R432000050	3/8"	20
R432000048	1/2"	20
R412005447	3 mm	25
2123204000	4 mm	20
2123206000	6 mm	20
2123208000	8 mm	20
2123210000	10 mm	20
2123212000	12 mm	10
2123214000	14 mm	10
R412005331	16 mm	10



Push-in tube reducer

PartNumber	Tube	Tube2	Order
R432000066	1/4"	5/32"	10
R432000070	5/16"	5/32"	10
R432000069	5/16"	1/4"	10
R432000067	3/8"	1/4"	10
R432000068	3/8"	5/16"	10
R432000063	1/2"	1/4"	10
R432000065	1/2"	5/16"	10
R432000064	1/2"	3/8"	10
R412005437	4 mm	3 mm	25
2121706040	6 mm	4 mm	10
2121708040	8 mm	4 mm	10
2121708060	8 mm	6 mm	10
2121710040	10 mm	4 mm	10
2121710060	10 mm	6 mm	10
2121710080	10 mm	8 mm	10
2121712060	12 mm	6 mm	10
2121712080	12 mm	8 mm	10
2121712100	12 mm	10 mm	10
2121714080	14 mm	8 mm	5
2121714100	14 mm	10 mm	5
2121714120	14 mm	12 mm	5

Push-in Y, equal (\*) or reducing



PartNumber	Tube	Tube2	Order
R432000324	1/8"	1/8"	25
R432000265	5/32"	*	10
R432000362	5/32"	1/8"	25
R432000262	1/4"	*	10
R432000013	1/4"	5/32"	10
R432000316	1/4"	1/4"	25
R432000264	5/16"	*	10
R432000015	5/16"	1/4"	10
R432000263	3/8"	*	5
R432000014	3/8"	5/16"	10
R432000261	1/2"	*	5
R432000012	1/2"	3/8"	10
R412005442	3 mm	*	25
R412005332	4 mm	*	10
R412005333	6 mm	*	10
R412005337	6 mm	4 mm	10
R412005334	8 mm	*	10
R412005338	8 mm	6 mm	10
R412005335	10 mm	*	10
R412005339	10 mm	8 mm	10
R412005336	12 mm	*	10
R412005340	12 mm	10 mm	10

Push-in elbow, equal (\*) or reducing



PartNumber	Tube	Tube2	Order
R432000346	1/8"	1/8"	25
R432000193	5/32"	*	10
R432000190	1/4"	*	10
R432000345	1/4"	1/4"	25
R432000192	5/16"	*	10
R432000191	3/8"	*	10
R432000189	1/2"	*	10
R412005439	3 mm	*	25
2121304040	4 mm	*	10
R412005440	4 mm	*	25
2121306060	6 mm	*	10
R412005441	6 mm	*	25
2121304060	6 mm	4 mm	10
2121308080	8 mm	*	10
2121306080	8 mm	6 mm	10
2121310100	10 mm	*	10
R412005034	10 mm	8 mm	10
R412005036	12 mm	*	10
R412005035	12 mm	10 mm	10
R412005037	14 mm	*	5
R412005038	16 mm	*	5

Push-in elbow, extended



PartNumber	Tube	Order
R432000092	5/32"	10
R432000089	1/4"	10
R432000091	5/16"	10
R432000090	3/8"	10
R432000088	1/2"	10
R412005039	4 mm	10
R412005040	6 mm	10
R412005041	8 mm	10
R412005042	10 mm	10
R412005043	12 mm	10
R412005044	14 mm	5
R412005045	16 mm	5

Push-in elbow, 45 degree



PartNumber	Tube	Order
R432000281	5/32"	10
R432000278	1/4"	10
R432000280	5/16"	10
R432000279	3/8"	10
R432000277	1/2"	10
R412005046	4 mm	10
R412005047	6 mm	10
R412005048	8 mm	10
R412005049	10 mm	10
R412005050	12 mm	10

Male connector, equal (\*) or reducing



PartNumber	Tube	Tube2	Order
R432000062	5/32"	*	20
R432000056	1/4"	*	20
R432000057	1/4"	5/32"	10
R432000060	5/16"	*	20
R432000061	5/16"	1/4"	10
R432000058	3/8"	*	20
R432000059	3/8"	5/16"	10
R432000054	1/2"	*	20
R432000055	1/2"	3/8"	10
2123104000	4 mm	*	20
2123106000	6 mm	*	20
R412005323	6 mm	4 mm	10
2123108000	8 mm	*	20
R412005324	8 mm	4 mm	10
R412005325	8 mm	6 mm	10
2123110000	10 mm	*	20
R412005326	10 mm	6 mm	10
R412005327	10 mm	8 mm	10
2123112000	12 mm	*	20
R412005328	12 mm	8 mm	10
R412005329	12 mm	10 mm	10
2123114000	14 mm	*	20
R412005322	16 mm	*	10
R412005330	16 mm	12 mm	10

Tube manifold with male stem



PartNumber	Through	Branch	Order
R432000113	1/4"	5/32"	5
R432000117	5/16"	5/32"	5
R432000115	5/16"	1/4"	5
R432000114	3/8"	5/16"	5
R412005351	6 mm	4 mm	10
R412005352	8 mm	4 mm	10
R412005353	8 mm	6 mm	10
R412005354	10 mm	8 mm	10

Tube manifold



PartNumber	Through	Branch	Order
R432000121	5/16"	5/32"	10
R432000119	5/16"	1/4"	10
R432000122	3/8"	1/4"	10
R432000118	3/8"	5/16"	10
R412005346	6 mm	4 mm	10
R412005347	8 mm	4 mm	10
R412005348	8 mm	6 mm	10
R412005349	10 mm	6 mm	10
R412005350	10 mm	8 mm	10

**Banjo flow control  
(meter out)**



PartNumber	Tube	Thread	Order
R432002362	1/8"	10-32	1
R432002367	5/32"	10-32	1
R432002369	1/4"	10-32	1
R432002368	5/32"	1/8 NPT	1
R432002370	1/4"	1/8 NPT	1
R432002373	5/16"	1/8 NPT	1
R432002371	1/4"	1/4 NPT	1
R432002374	5/16"	1/4 NPT	1
R432002377	3/8"	1/4 NPT	1
R432002372	1/4"	3/8 NPT	1
R432002375	5/16"	3/8 NPT	1
R432002378	3/8"	3/8 NPT	1
R432002380	1/2"	3/8 NPT	1
R432002376	5/16"	1/2 NPT	1
R432002379	3/8"	1/2 NPT	1
R432002381	1/2"	1/2 NPT	1
R412005629	3 mm	M3	1
R412005630	3 mm	M5	1

**Elbow ball valve**



PartNumber	Tube	Thread	Order
R432000378	1/4"	1/8 NPT	5
R432000381	5/16"	1/8 NPT	5
R432000377	1/4"	1/4 NPT	5
R432000380	5/16"	1/4 NPT	5
R432000387	3/8"	1/4 NPT	5
R432000384	1/2"	1/4 NPT	5
R432000379	1/4"	3/8 NPT	5
R432000382	5/16"	3/8 NPT	5
R432000388	3/8"	3/8 NPT	5
R432000385	1/2"	3/8 NPT	5
R432000386	3/8"	1/2 NPT	5
R432000383	1/2"	1/2 NPT	5
R412005511	8 mm	G 1/8	5
R412005518	10 mm	G 3/8	5

**Check valve  
Tube->Thread**



PartNumber	Tube	Thread	Order
R432000424	5/32"	10-32	5
R432000423	5/32"	1/8 NPT	5
R432000417	1/4"	1/8 NPT	5
R432000422	5/16"	1/8 NPT	5
R432000418	1/4"	1/4 NPT	5
R432000421	5/16"	1/4 NPT	5
R432000419	3/8"	3/8 NPT	5
R432000415	1/2"	3/8 NPT	5
R432000420	3/8"	1/2 NPT	1
R432000416	1/2"	1/2 NPT	2
R412005565	4 mm	G 1/8	5
R412005566	6 mm	G 1/8	5
R412005567	8 mm	G 1/8	5
R412005568	6 mm	G 1/4	5
R412005569	8 mm	G 1/4	5
R412005570	10 mm	G 3/8	2
R412005571	12 mm	G 3/8	2
R412005572	12 mm	G 1/2	2

**Inline flow control**



PartNumber	Tube	Order
R432002382	5/32"	5
R432002383	1/4"	5
R432002384	5/16"	5
R432002385	3/8"	5
R432002386	1/2"	5
R412005453	3 mm	5
R412005454	4 mm	5
R412005455	6 mm	5
R412005456	8 mm	5
R412005457	10 mm	2
R412005458	12 mm	2

**Inline ball valve**



PartNumber	Tube	Order
R432000406	1/4"	5
R432000408	5/16"	5
R432000407	3/8"	5
R432000405	1/2"	5
R412005502	6 mm	5
R412005504	10 mm	5

**Check valve  
Tube->Tube**



PartNumber	Tube	Order
R432000433	5/32"	5
R432000430	1/4"	5
R432000432	5/16"	5
R432000431	3/8"	5
R432000429	1/2"	5
R412005573	4 mm	5
R412005574	6 mm	5
R412005575	8 mm	5
R412005576	10 mm	2
R412005577	12 mm	2

**Self-sealing  
elbow fitting**



PartNumber	Tube	Thread	Order
R432000456	10-32	5/32"	5
R432000448	10-32	1/4"	5
R432000455	1/8 NPT	5/32"	5
R432000446	1/8 NPT	1/4"	5
R432000452	1/8 NPT	5/16"	5
R432000447	1/4 NPT	1/4"	5
R432000453	1/4 NPT	5/16"	5
R432000449	1/4 NPT	3/8"	5
R432000454	3/8 NPT	5/16"	5
R432000450	3/8 NPT	3/8"	5
R432000444	3/8 NPT	1/2"	10
R432000451	1/2 NPT	3/8"	2
R432000445	1/2 NPT	1/2"	2
R412005536	G 1/8	4 mm	10
R412005537	G 1/8	6 mm	10
R412005538	G 1/8	8 mm	10
R412005539	G 1/4	6 mm	10
R412005540	G 1/4	8 mm	10
R412005541	G 1/4	10 mm	10
R412005542	G 3/8	8 mm	5
R412005543	G 3/8	10 mm	5
R412005544	G 3/8	12 mm	5
R412005545	G 1/2	10 mm	5
R412005546	G 1/2	12 mm	5

**Self-sealing  
straight fitting**



PartNumber	Tube	Thread	Order
R432000442	1/8 NPT	5/32"	5
R432000436	1/8 NPT	1/4"	5
R432000437	1/4 NPT	1/4"	5
R432000440	1/4 NPT	5/16"	5
R432000441	3/8 NPT	5/16"	5
R432000438	3/8 NPT	3/8"	5
R432000434	3/8 NPT	1/2"	5
R432000439	1/2 NPT	3/8"	2
R432000435	1/2 NPT	1/2"	2
R412005526	G 1/8	4 mm	10
R412005527	G 1/8	6 mm	10
R412005528	G 1/4	6 mm	10
R412005529	G 1/4	8 mm	10
R412005530	G 1/4	10 mm	10
R412005531	G 3/8	8 mm	10
R412005532	G 3/8	10 mm	10
R412005533	G 3/8	12 mm	10
R412005534	G 1/2	10 mm	10
R412005535	G 1/2	12 mm	10

**Self-sealing tube  
union bulkhead (\*\*)  
or standard**



PartNumber	Tube	Type	Order
R432000461	5/32"		5
R432000466	5/32"	**	5
R432000458	1/4"		5
R432000463	1/4"	**	5
R432000460	5/16"		5
R432000465	5/16"	**	5
R432000459	3/8"		5
R432000464	3/8"	**	5
R432000457	1/2"		5
R432000462	1/2"	**	5
R412005547	4 mm		10
R412005552	4 mm	**	5
R412005548	6 mm		10
R412005553	6 mm	**	5
R412005549	8 mm		10
R412005554	8 mm	**	5
R412005550	10 mm		10
R412005555	10 mm	**	5
R412005551	12 mm		10
R412005556	12 mm	**	5

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**Function and self-  
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