

HYDRAULIC HOSE AND FITTINGS



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HOSE

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ALSO AVAILABLE ON REQUEST:

- HIGH TEMP 1 & 2 WIRE HOSE
- LOW TEMP 1 & 2 WIRE & THERMOPLASTIC HOSE
- PILOT HOSE
- BIO OIL HOSE
- FIRE RESISTANT RAILWAY HOSE
- 1 WIRE PRESSURE CLEANER HOSE
- WATERBLAST HOSE
- STEEL BRAIDED THERMOPLASTIC HOSE
- 2 WIRE TEFLON HOSE
- 5000PSI BLACK TEFLON HOSE
- JACKING HOSE
- 2SC TWIN LINE HOSE
- 3SC HOSE
- + MANY MORE

HOSE

RH1



SAE 100R1SN

EXCEEDS DIN EN 853 1SN

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 1 steel wire braid.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +100°C.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH1-03	3/16"	4.8	11.8	250	3625	1000	14500	90	3.543	0.184	0.124	0022-03 001C-03
RH1-04	1/4"	6.4	13.4	225	3263	900	13050	100	3.937	0.231	0.155	0022-04 001C-04
RH1-06	3/8"	9.5	17.4	180	2610	720	10440	130	5.118	0.338	0.227	0022-06 001C-06
RH1-08	1/2"	12.7	20.6	160	2320	640	9280	180	7.087	0.415	0.279	0022-08 001C-08
RH1-10	5/8"	16.0	23.7	130	1885	520	7540	200	7.874	0.477	0.321	0022-10 001C-10
RH1-12	3/4"	19.0	27.7	105	1523	420	6090	240	9.449	0.618	0.415	0022-12 001C-12
RH1-16	1"	25.4	35.6	88	1276	350	5075	300	11.811	0.901	0.605	0022-16 001C-16
RH1-20	1.1/4"	31.8	43.5	63	914	250	3625	420	16.535	1.270	0.853	0022-20 001C-20
RH1-24	1.1/2"	38.1	50.6	50	725	200	2900	500	19.685	1.596	1.073	0022-24 001C-24
RH1-32	2"	50.8	63.6	40	580	160	2320	630	24.803	2.200	1.478	0022-32 001C-32

RH16



EXCEEDS SAE 100R16

DIN EN 857 2SC

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 2 steel wire braids.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +100°C.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH16-04	1/4"	6.4	13.3	400	5800	1600	23200	50	1.969	0.281	0.189	001C-04
RH16-06	3/8"	9.5	17.1	330	4785	1320	19140	65	2.559	0.418	0.281	001C-06
RH16-08	1/2"	12.7	20.4	275	3988	1100	15950	90	3.543	0.525	0.353	001C-08
RH16-10*	5/8"	16.0	23.5	250	3625	1000	14500	100	3.937	0.627	0.421	001C-10
RH16-12	3/4"	19.0	27.6	215	3118	860	12470	120	4.724	0.782	0.526	001C-12
RH16-16*	1"	25.4	35.8	165	2393	660	9570	150	5.906	1.176	0.790	001C-16

HOSE

RH2



SAE 100R2SN

EXCEEDS DIN EN 853 2SN

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 2 steel wire braids.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +100°C.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	
RH2-03*	3/16"	4.8	13.5	415	6018	1650	23925	90	3.543	0.317	0.213	0022-03
RH2-04	1/4"	6.4	15.0	400	5800	1600	23200	100	3.937	0.360	0.242	0022-04
RH2-05	5/16"	8.0	16.6	350	5075	1400	20300	115	4.528	0.416	0.280	0022-05
RH2-06	3/8"	9.5	19.0	330	4785	1320	19140	130	5.118	0.525	0.353	0022-06
RH2-08	1/2"	12.7	22.2	275	3988	1100	15950	180	7.087	0.620	0.417	0022-08
RH2-10	5/8"	16.0	25.4	250	3625	1000	14500	200	7.874	0.752	0.505	0022-10
RH2-12	3/4"	19.0	29.3	215	3118	850	12325	240	9.449	0.923	0.620	0022-12
RH2-16	1"	25.4	38.1	165	2393	650	9425	300	11.811	1.377	0.925	0022-16
RH2-20	1.1/4"	31.8	48.3	125	1813	500	7250	420	16.535	2.035	1.368	0022-20
RH2-24	1.1/2"	38.1	54.6	90	1305	360	5220	500	19.685	2.300	1.546	0022-24
RH2-32	2"	50.8	66.9	80	1160	320	4640	630	24.803	3.160	2.124	0022-32

RH2M MARATHON



EXCEEDS DIN EN 857 2SC

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 2 steel wire braids.

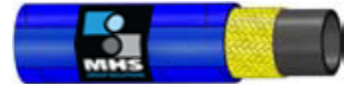
External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +100°C.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	
RH2M-08	1/2"	12.7	20.4	350	5075	1500	21750	90	3.543	0.525	0.353	001C-08
RH2M-12	3/4"	19.0	27.6	280	4060	1120	16240	120	4.724	0.782	0.526	001C-12

HOSE

RHBC HIGH TEMP AIR & OIL



EXCEEDS DIN EN 853 1SN

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 1 steel wire braid.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +120°C, 135°C intermittent.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RHBC-04	1/4"	6.4	13.4	225	3263	900	13050	100	3.937	0.240	0.161	0022-04 001C-04
RHBC-06	3/8"	9.5	17.4	180	2610	720	10440	130	5.118	0.367	0.247	0022-06 001C-06
RHBC-08	1/2"	12.7	20.6	160	2320	640	9280	180	7.087	0.437	0.294	0022-08 001C-08
RHBC-12	3/4"	19.0	27.7	105	1523	420	6090	240	9.449	0.653	0.439	0022-12 001C-12
RHBC-16	1"	25.4	35.6	88	1276	350	5075	300	11.811	1.001	0.673	0022-16 001C-16

RHPC2 PRESSURE CLEANER



EXCEEDS EN 857 2SC

Internal hose: Synthetic rubber.

Reinforcement: 2 steel wire braids.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +135°C, 155°C intermittent.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RHPC2-04	1/4"	6.4	13.4	400	5800	1600	23200	85	3.346	0.281	0.189	001C-04
RHPC2-06	3/8"	9.5	17.4	400	5800	1600	23200	90	3.543	0.418	0.281	001C-06

HOSE

RH5



SAE 100R5

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 1 steel wire braid.

External covering: Textile braided cover.

Operating temperature range: -40°C to +100°C, 120°C intermittent.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM	MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH5-04	3/16"	4.8	13.2	210	3045	840	12180	75	2.953	0.190	0.128	0003-03
RH5-05	1/4"	6.4	14.8	210	3045	840	12180	85	3.346	0.224	0.151	0003-04
RH5-06	5/16"	8.0	17.2	157	2277	628	9106	100	3.937	0.283	0.190	0003-05
RH5-08	13/32"	9.5	19.5	140	2030	560	8120	115	4.528	0.350	0.235	0003-06
RH5-10	1/2"	12.7	23.4	122	1769	488	7076	140	5.512	0.473	0.318	0003-08
RH5-12	5/8"	16.0	27.4	105	1523	420	6090	165	6.496	0.517	0.415	0003-10
RH5-16	7/8"	19.0	31.4	56	801	224	3248	185	7.283	0.570	0.383	0003-12
RH5-20	1.1/8"	25.4	38.1	43	624	172	2494	230	9.055	0.795	0.534	0003-16

RH14 TEFLON



SAE 100R14

Internal hose: Smooth PTFE, medium thickness wall.

External covering: 1 AISI 304 stainless steel wire braid.

Operating temperature range: -70°C to +260°C.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		FERRULE
	INCH	MM	MM	BAR	PSI	BAR	PSI	MM	INCH	
RH14-04	1/4"	6.4	9.4	185	2683	740	10730	45	1.772	PTFE-04
RH14-06	3/8"	9.5	12.8	140	2030	560	8120	55	2.165	PTFE-06
RH14-08	1/2"	12.7	16.0	125	1813	500	7250	70	2.756	PTFE-08
RH14-10	5/8"	16.0	19.4	105	1523	420	6090	130	5.118	PTFE-10
RH14-12	3/4"	19.0	22.5	95	1378	380	5510	190	7.480	PTFE-12
RH14-16	1"	25.4	29.4	67	972	268	3886	270	10.630	PTFE-16

HOSE

RH4 SUCTION



SAE 100R4

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 2 textile braids, 1 spiral braid.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +100°C, 70°C for water based fluids.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM	MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH4-12	3/4"	19.0	32.0	21	305	83	1204	125	4.921	0.550	0.370	0003-12
RH4-16	1"	25.4	38.0	17	247	69	1001	150	5.906	0.740	0.497	0003-16
RH4-20	1.1/4"	31.8	45.0	14	203	55	798	200	7.874	0.900	0.605	0003-20
RH4-24	1.1/2"	38.1	52.0	10	145	41	595	255	10.039	1.080	0.726	0011-24
RH4-32	2"	50.8	64.0	7	102	28	406	300	11.811	1.560	1.048	0011-24

OTHER SIZES AVAILABLE ON REQUEST

RH6 PUSH ON



SAE 100R6

EN 854 1TE

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 1 textile braid.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Operating temperature range: -40°C to +100°C, 70°C for water based fluids.

PART NO	ID		OD	MAX WP		MIN BEND		WEIGHT		FERRULE
	INCH	MM	MM	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH6-04	1/4"	6.4	12.3	287	406	65	2.559	0.100	0.067	0007-04
RH6-05	5/16"	8.0	13.9	28	406	80	3.150	0.125	0.084	0007-05
RH6-06	3/8"	9.5	15.5	28	406	80	3.150	0.150	0.101	0007-06
RH6-08	1/2"	12.7	19.0	28	406	100	3.937	0.200	0.134	0007-08
RH6-10	5/8"	16.0	22.6	24	348	125	4.921	0.250	0.168	0007-10
RH6-12	3/4"	19.0	25.8	21	305	150	5.906	0.300	0.202	0007-12

HOSE

RH12



SAE 100R12

EN 856

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 4 steel wire braids.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

Operating temperature range: -40°C to +120°C, 125°C intermittent.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM	MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH12-08	1/2"	12.7	23.8	280	4060	1400	20300	110	4.331	0.881	0.592	BMC1-08 0009-08
RH12-12	3/4"	19.0	30.6	280	4060	1300	18850	145	5.709	1.222	0.821	BMC1-12 0009-12
RH12-16	1"	25.4	37.9	280	4060	1200	17400	210	8.268	1.795	1.207	BMC1-16 0009-16
RH12-20	1.1/4"	31.8	47.5	210	3045	1000	14500	240	9.449	2.780	1.868	BMC2-20 0009-20

RH4SP



EN 856 4SP

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 4 steel wire braids.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

Operating temperature range: -40°C to +120°C, 125°C intermittent.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM	MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH4SP-06	3/8"	9.5	21.4	445	6453	1780	25810	180	7.087	0.790	0.531	0009-06
RH4SP-08	1/2"	12.7	24.6	415	6018	1660	24070	230	9.055	0.940	0.632	0009-08
RH4SP-10	5/8"	16.0	28.5	350	5075	1400	20300	250	9.843	1.125	0.756	0009-10
RH4SP-12	3/4"	19.0	32.1	350	5075	1400	20300	300	11.811	1.497	1.006	BMC1-12 0009-12
RH4SP-16	SEE RH12-16											
RH4SP-20	1.1/4"	31.8	50.8	210	3045	840	12180	460	18.110	3.157	2.122	BMC2-20 0009-20
RH4SP-24	1.1/2"	38.1	57.1	185	2683	740	10730	560	22.047	3.713	2.495	BMC2-24 0009-24
RH4SP-32	2"	50.8	70.6	165	2393	660	9570	660	25.984	4.870	3.273	0009-32

HOSE

RH4SH



EXCEEDS EN 856 4SH

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 4 steel wire braids.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

Operating temperature range: -40°C to +100°C, 120°C intermittent.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH4SH-12	3/4"	19.0	32.0	420	6090	1780	25810	210	8.268	1.572	1.057	BMC1-12 0009-12
RH4SH-16	1"	25.4	38.4	385	5583	1750	25375	220	8.661	2.104	1.414	BMC1-16 0009-16
RH4SH-20	1.1/4"	31.8	45.8	350	5075	1400	20300	400	17.748	2.550	1.714	BMC1-20 0009-20
RH4SH-24	1.1/2"	38.1	53.5	300	4350	1250	18125	560	22.047	3.225	2.167	004H-24
RH4SH-32	2"	50.8	68.0	250	3625	1000	14500	700	27.559	4600	3.091	004H-32

RH13



EXCEEDS SAE 100R13

EN 856

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 4 high tensile steel wire braids up to 1", Six spiral from 1.1/4" up.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

Operating temperature range: -40°C to +120°C, 125°C intermittent.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH13-12	3/4"	19.0	32.1	350	5075	1920	27840	240	9.449	1.641	1.103	BMC1-12 0009-12
RH13-16	1"	25.4	38.7	350	5075	1660	24070	300	11.811	2.106	1.415	BMC1-16
RH13-32	2"	50.8	71.5	350	5075	1500	21750	635	25.000	6.840	4.596	0013-32

HOSE

RH15



EXCEEDS SAE 100R15

Internal hose: Oil resistant synthetic rubber.

Reinforcement: 4-6 high tensile steel wire braids.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

Operating temperature range: -40°C to +100°C, 120°C intermittent

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		BAR	PSI	BAR	PSI	MM	INCH	KG/M	LB/FT	
RH15-12	3/4"	19.0	32.0	420	6090	1750	25375	265	10.433	1.573	1.057	BMC1-12
RH15-16	1"	25.4	38.7	420	6090	1700	24650	265	10.433	2.116	1.422	BMC1-16 0009-16
RH15-20	1.1/4"	31.8	49.7	420	6090	1680	24360	265	10.433	3.891	2.615	BMC2-20 0013-20
RH15-24	1.1/2"	38.1	57.8	420	6090	1680	24360	310	12.205	5.182	3.482	0013-24
RH15-32	2"	50.8	72.0	420	6090	1680	24360	590	23.228	6.892	4.631	0013-32

HOSE

RH7



EXCEEDS SAE 100R7

Internal hose: Polyester elastomer.

Reinforcement: 1 or 2 synthetic fibre braids

External covering: Polyurethane, black pinpricked.

Operating temperature range: -40°C to +100°C, 70°C for water based fluids.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	
RH7-02	1/8"	4.0	8.3	210	3045	840	12180	25	0.984	0.050	0.034	0007-02
RH7-03	3/16"	4.8	9.6	210	3045	840	2180	25	0.984	0.060	0.040	0007-03
RH7-04	1/4"	6.4	12.2	210	3045	840	2180	35	1.378	0.100	0.067	0007-04
RH7-06	3/8"	9.5	16.0	160	2320	640	9280	55	2.165	0.150	0.101	0007-06
RH7-08	1/2"	12.7	20.3	140	2030	560	8120	75	2.953	0.220	0.148	0007-08
RH7-12*	3/4"	19.0	27.1	90	1305	360	5220	140	5.512	0.335	0.225	0007-12
RH7-16*	1"	25.4	34.0	70	1015	280	4060	190	7.480	0.455	0.306	0007-16

ALSO AVAILABLE IN ORANGE NON-CONDUCTIVE ON REQUEST

RH8



EXCEEDS SAE 100R8

Internal hose: Polyester elastomer.

Reinforcement: 1 or 2 aramid fibre braids

External covering: Polyurethane, black pinpricked.

Operating temperature range: -40°C to +100°C, 70°C for water based fluids.

PART NO	ID		OD	MAX WP		MIN BP		MIN BEND		WEIGHT		FERRULE
	INCH	MM		MM	BAR	PSI	BAR	PSI	MM	INCH	KG/M	
RH8-04	1/4"	6.4	11.5	350	5075	1400	20300	50	1.969	0.085	0.057	0008-04
RH8-06	3/8"	9.5	15.5	280	4060	1120	16240	60	2.362	0.135	0.091	0008-06
RH8-08	1/2"	12.7	19.9	245	3553	980	14210	80	3.150	0.200	0.134	0008-08

ALSO AVAILABLE IN ORANGE NON-CONDUCTIVE ON REQUEST

HOSE

SG WIRE SPRING GUARD



PART NO	ID MM
SG-16	16
SG-21	21
SG-23	23
SG-31	31
SG-34	34
SG-41	41
SG-49	49

FULL LENGTH ONLY

RPT PIGS TAIL



PART NO	SUITS OD MM
RPT-12	9-12
RPT-16	12-17
RPT-20	16-22
RPT-25	22-28
RPT-32	27-33
RPT-40	33-42
RPT-50	42-55
RPT-63	52-65
RPT-75	65-80
RPT-90	80-130
RPT-110	100-150

BOX QUANTITY ONLY

TPRS NYLON SLEEVING
































PART NO	SIZE MM	ID MM
TPRS-20*	35	20
TPRS-22*	40	22
TPRS-25*	45	25
TPRS-28*	50	28
TPRS-32*	55	32
TPRS-35	60	35
TPRS-38*	65	38
TPRS-45*	80	45
TPRS-50	90	50
TPRS-70	120	70
TPRS-90*	150	90

FERRULES & HOSETAILS

FERRULES	 001C PAGE 15	 0022 PAGE 15	 0003 PAGE 15	 0007 PAGE 15	 PTFE PAGE 15	 0009 PAGE 16
 BMC1 PAGE 16	 BMC2 PAGE 16	 004H PAGE 16	BSP TAILS	 RHC01 PAGE 17	 RHC01H PAGE 17	 RHC02 PAGE 17
 RHC12 PAGE 17	 RHC15 PAGE 17	 RHC25 PAGE 17	 RHC51 PAGE 17	 RHC60 PAGE 218	JIC TAILS	 RHC05 PAGE 18
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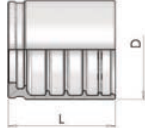
FERRULES & HOSETAILS

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ALSO AVAILABLE ON REQUEST:

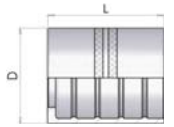
- KOBELCO TAILS
- FRENCH GAZ TAILS
- STAPELOCK TAILS
- WATERBLAST TAILS
- PUSHLOCK TAILS
- LOW PRESSURE TAILS & FERRULES

FERRULES



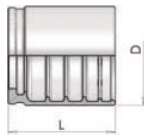
001C SUITS RH1, RH1C, RHPC, RH2C

PART NO	HOSE	DIMENSIONS	
		D	L
001C-03*	3/16"	19.0	24.0
001C-04	1/4"	20.0	26.0
001C-05*	5/16"	22.0	26.0
001C-06	3/8"	24.0	26.0
001C-08	1/2"	28.0	28.0
001C-10*	5/8"	32.0	29.0
001C-12	3/4"	35.0	35.0
001C-16*	1"	44.0	44.0



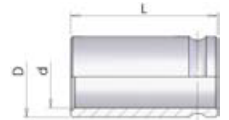
0007 SUITS RH6, RH7, RH8

PART NO	HOSE	DIMENSIONS	
		D	L
0007-02	1/8"		
0007-03	3/16"	14.0	27.0
0007-04	1/4"	17.0	29.0
0007-05	5/16"	19.0	30.0
0007-06	3/8"	21.0	31.0
0007-08	1/2"	25.4	34.0
0007-10	5/8"	28.5	36.0
0007-12	3/4"	32.0	36.0
0007-16	1"	40.0	50.0



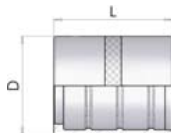
0022 SUITS RH1, RH2, RH2K, RH3C

PART NO	HOSE	DIMENSIONS	
		D	L
0022-03	3/16"	21.0	25.6
0022-04	1/4"	22.0	28.0
0022-05	5/16"	24.0	28.0
0022-06	3/8"	26.0	28.0
0022-08	1/2"	30.0	31.0
0022-10	5/8"	33.0	31.0
0022-12	3/4"	37.0	38.0
0022-16	1"	46.0	47.5
0022-20	1.1/4"	58.0	56.0
0022-24	1.1/2"	65.6	66.0
0022-32	2"	78.6	73.0



PTFE SUITS RH14

PART NO	HOSE	DIMENSIONS		
		D	L	d
PTFE-04	1/4"	14.4	23.9	11.1
PTFE-06	3/8"	19.0	27.4	15.0
PTFE-08	1/2"	22.4	28.7	18.3
PTFE-10	5/8"	27.0	31.7	23.1
PTFE-12	3/4"	28.7	34.5	24.8
PTFE-16	1"	38.1	43.6	34.3



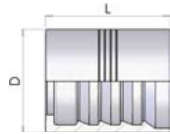
0003 SUITS RH3, RH4, RH5

PART NO	HOSE	DIMENSIONS	
		D	L
0003-03	3/16"	14.0	27.0
0003-04	1/4"	19.0	29.0
0003-05	5/16"	22.0	30.0
0003-06	3/8"	24.0	31.0
0003-08	1/2"	28.5	34.0
0003-10	5/8"	32.0	36.0
0003-12	3/4"	38.0	42.0
0003-16	1"	46.0	50.0
0003-20	1.1/4"	52.0	57.0

FERRULES

0009

SKIVE SUITS RH12, RH15, RH4SP, RH4SH



PART NO	HOSE	DIMENSIONS	
		D	L
0009-04	1/4"	21.0	30.0
0009-06	3/8"	25.4	33.5
0009-08	1/2"	30.0	36.0
0009-10	5/8"	34.0	40.0
0009-12	3/4"	38.0	43.0
0009-16	1"	46.0	60.0
0009-20	1.1/4"	56.0	66.0
0009-24	1.1/2"	67.0	76.5
0009-32	2"	80.0	79.8

004N

INTERLOCK SUITS RH12, RH4SP, RH4SH



PART NO	HOSE	DIMENSIONS	
		D	L
004N-20	1.1/4"	55.0	88.0
004N-24	1.1/2"	62.0	94.0
004N-32	2"	78.0	99.0

0013

INTERLOCK SUITS RH13, RH15

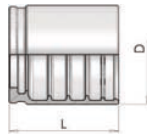


PART NO	HOSE	DIMENSIONS	
		D	L
0013-20	1.1/4"	60.0	88.0
0013-24	1.1/2"	67.0	94.0
0013-32	2"	84.5	99.0

BMC1

BMC2

NON-SKIVE SUITS RH12, RH13, RH15, RH4SP, RH4SH



PART NO	HOSE	DIMENSIONS	
		D	L
BMC1-12	3/4"	45.0	41.0
BMC1-16	1"	53.5	56.0
BMC1-20	1.1/4"	62.0	62.0
BMC2-20	1.1/4"	66.0	62.0
BMC2-24	1.1/2"	73.3	70.0

004H

SKIVE SUITS RH12, RH4SH



PART NO	HOSE	DIMENSIONS	
		D	L
004H-20	1.1/4"	52.0	66.0
004H-24	1.1/2"	62.0	76.5
004H-32	2"	75.0	79.8

HOSETAILS



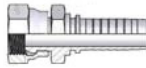
RHC01 BSPP FEMALE

PART NO	THREAD	HOSE	HEX
RHC01-0203	1/8"	3/16"	14
RHC01-0204	1/8"	1/4"	14
RHC01-0403	1/4"	3/16"	19
RHC01-0404	1/4"	1/4"	19
RHC01-0406	1/4"	3/8"	19
RHC01-0604	3/8"	1/4"	22
RHC01-0605	3/8"	5/16"	22
RHC01-0606	3/8"	3/8"	22
RHC01-0608	3/8"	1/2"	22
RHC01-0806	1/2"	3/8"	27
RHC01-0808	1/2"	1/2"	27
RHC01-1010	5/8"	5/8"	30
RHC01-1208	3/4"	1/2"	32
RHC01-1210	3/4"	5/8"	32
RHC01-1212	3/4"	3/4"	32
RHC01-1612	1"	3/4"	38
RHC01-1616	1"	1"	38
RHC01-2020	1.1/4"	1.1/4"	50
RHC01-2424	1.1/2"	1.1/2"	55
RHC01-3232	2"	2"	70



RHC15 BSPT MALE

PART NO	THREAD	HOSE	HEX
RHC15-0203	1/8"	3/16"	12
RHC15-0204	1/8"	1/4"	12
RHC15-0403	1/4"	3/16"	15
RHC15-0404	1/4"	1/4"	15
RHC15-0406	1/4"	3/8"	15
RHC15-0604	3/8"	1/4"	19
RHC15-0606	3/8"	3/8"	19
RHC15-0608	3/8"	1/2"	19
RHC15-0806	1/2"	3/8"	22
RHC15-0808	1/2"	1/2"	22
RHC15-0812	1/2"	3/4"	22
RHC15-1208	3/4"	1/2"	27
RHC15-1210	3/4"	5/8"	27
RHC15-1212	3/4"	3/4"	27
RHC15-1216	3/4"	1"	27
RHC15-1612	1"	3/4"	36
RHC15-1616	1"	1"	36
RHC15-2020	1.1/4"	1.1/4"	46
RHC15-2424	1.1/2"	1.1/2"	50
RHC15-3232	2"	2"	65



RHC01H BSPP DOUBLE HEX

PART NO	THREAD	HOSE	HEX
RHC01H-0404	1/4"	1/4"	19
RHC01H-0606	3/8"	3/8"	22
RHC01H-0808	1/2"	1/2"	27
RHC01H-1212	3/4"	3/4"	32



RHC25 BSPP COMPACT 90*

PART NO	THREAD	HOSE	HEX
RHC25-0404	1/4"	1/4"	19
RHC25-0606	3/8"	3/8"	22
RHC25-0806	1/2"	3/8"	27
RHC25-0808	1/2"	1/2"	27
RHC25-1212	3/4"	3/4"	32
RHC25-1616	1"	1"	32



RHC02 BSP FLAT FACE

PART NO	THREAD	HOSE	HEX
RHC02-0404	1/4"	1/4"	19
RHC02-0606	3/8"	3/8"	22
RHC02-0806	1/2"	3/8"	27
RHC02-0808	1/2"	1/2"	27
RHC02-1212	3/4"	3/4"	32
RHC02-1616	1"	1"	38



RHC51 BSPP SWEPT 90*

PART NO	THREAD	HOSE	HEX
RHC51-0404	1/4"	1/4"	19
RHC51-0604	3/8"	1/4"	22
RHC51-0606	3/8"	3/8"	22
RHC51-0806	1/2"	3/8"	27
RHC51-0808	1/2"	1/2"	27
RHC51-1010	5/8"	5/8"	30
RHC51-1212	3/4"	3/4"	32
RHC51-1616	1"	1"	32
RHC51-2020	1.1/4"	1.1/4"	50
RHC51-2424	1.1/2"	1.1/2"	55
RHC51-3232	2"	2"	70



RHC12 BSPP MALE

PART NO	THREAD	HOSE	HEX
RHC12-0404	1/4"	1/4"	19
RHC12-0606	3/8"	3/8"	22
RHC12-0806	1/2"	3/8"	27
RHC12-0808	1/2"	1/2"	27
RHC12-1212	3/4"	3/4"	32
RHC12-1612	1"	3/4"	38
RHC12-1616	1"	1"	38

HOSETAILS

RHC60 BSPP SWEPT 60*

PART NO	THREAD	HOSE	HEX
RHC60-0404	1/4"	1/4"	19
RHC60-0604	3/8"	1/4"	22
RHC60-0606	3/8"	3/8"	22
RHC60-0806	1/2"	3/8"	27
RHC60-0808	1/2"	1/2"	27
RHC60-1010	5/8"	5/8"	30
RHC60-1212	3/4"	3/4"	32
RHC60-1616	1"	1"	32
RHC60-2020	1.1/4"	1.1/4"	50
RHC60-2424*	1.1/2"	1.1/2"	55
RHC60-3232*	2"	2"	70



RHC18 JIC MALE

PART NO	THREAD	HOSE	HEX
RHC18-0704	3/16"	1/4"	12
RHC18-0804	1/2"	1/4"	14
RHC18-0904	9/16"	1/4"	15
RHC18-0906	9/16"	3/8"	15
RHC18-1206	3/4"	3/8"	19
RHC18-1208	3/4"	1/2"	19
RHC18-1406	7/8"	3/8"	24
RHC18-1408	7/8"	1/2"	24
RHC18-1410	7/8"	5/8"	24
RHC18-1708	1.1/16"	1/2"	27
RHC18-1710	1.1/16"	5/8"	27
RHC18-1712	1.1/16"	3/4"	27
RHC18-2112	1.5/16"	3/4"	34
RHC18-2116	1.5/16"	1"	34
RHC18-2620	1.5/8"	1.1/4"	42
RHC18-3024	1.7/8"	1.1/2"	50
RHC18-4032	1"	3/4"	65



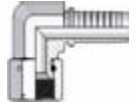
RHC05 JIC FEMALE

PART NO	THREAD	HOSE	HEX
RHC05-0702	7/16"	1/8"	15
RHC05-0703	7/16"	3/16"	15
RHC05-0704	3/16"	1/4"	15
RHC05-0804	1/2"	1/4"	17
RHC05-0904	9/16"	1/4"	19
RHC05-0905	9/16"	5/16"	19
RHC05-0906	9/16"	3/8"	19
RHC05-0908	9/16"	1/2"	19
RHC05-1204	3/4"	1/4"	24
RHC05-1206	3/4"	3/8"	24
RHC05-1208	3/4"	1/2"	24
RHC05-1406	7/8"	3/8"	27
RHC05-1408	7/8"	1/2"	27
RHC05-1410	7/8"	5/8"	27
RHC05-1412	7/8"	3/4"	27
RHC05-1708	1.1/16"	1/2"	32
RHC05-1710	1.1/16"	5/8"	32
RHC05-1712	1.1/16"	3/4"	32
RHC05-1716	1.1/16"	1"	32
RHC05-1912	1.3/16"	3/4"	36
RHC05-2112	1.5/16"	3/4"	38
RHC05-2116	1.5/16"	1"	38
RHC05-2616	1.5/8"	1"	50
RHC05-2620	1.5/8"	1.1/4"	50
RHC05-3020	1.7/8"	1.1/4"	55
RHC05-3024	1.7/8"	1.1/2"	55
RHC05-4032	1"	3/4"	70



RHC29 JIC COMPACT 90*

PART NO	THREAD	HOSE	HEX
RHC29-0704	7/16"	1/4"	17
RHC29-0904	9/16"	1/4"	19
RHC29-0906	9/16"	3/8"	19
RHC29-1206	3/4"	3/8"	24
RHC29-1208	3/4"	1/2"	24
RHC29-1408	7/8"	1/2"	27
RHC29-1712	1.1/16"	3/4"	32
RHC29-2116	1.5/16"	1"	41



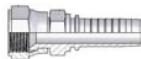
RHC55 JIC SWEPT 90*

PART NO	THREAD	HOSE	HEX
RHC55-0704	3/16"	1/4"	15
RHC55-0804	1/2"	1/4"	17
RHC55-0904	9/16"	1/4"	19
RHC55-0906	9/16"	3/8"	19
RHC55-1206	3/4"	3/8"	24
RHC55-1208	3/4"	1/2"	24
RHC55-1406	7/8"	3/8"	27
RHC55-1408	7/8"	1/2"	27
RHC55-1410	7/8"	5/8"	27
RHC55-1708	1.1/16"	1/2"	32
RHC55-1710	1.1/16"	5/8"	32
RHC55-1712	1.1/16"	3/4"	32
RHC55-1716	1.1/16"	1"	32
RHC55-1912	1.3/16"	3/4"	36
RHC55-2112	1.5/16"	3/4"	38
RHC55-2116	1.5/16"	1"	38
RHC55-2620	1.5/8"	1.1/4"	50
RHC55-3024	1.7/8"	1.1/2"	55
RHC55-4032	1"	3/4"	70



RHC05H JIC DOUBLE HEX

PART NO	THREAD	HOSE	HEX
RHC05H-0704	7/16"	1/4"	17
RHC05H-0904	9/16"	1/4"	19
RHC05H-0906	9/16"	3/8"	19
RHC05H-1206	3/4"	3/8"	24
RHC05H-1208	3/4"	1/2"	24
RHC05H-1408	7/8"	1/2"	27
RHC05H-1410	1.1/16"	5/8"	32
RHC05H-1712	1.5/16"	3/4"	41
RHC05H-2116	1.5/16"	1"	38



HOSETAILS



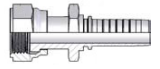
RHC64 JIC SWEPT 45*

PART NO	THREAD	HOSE	HEX
RHC64-0704	3/16"	1/4"	15
RHC64-0804	1/2"	1/4"	17
RHC64-0904	9/16"	1/4"	19
RHC64-0906	9/16"	3/8"	19
RHC64-1206	3/4"	3/8"	24
RHC64-1208	3/4"	1/2"	24
RHC64-1408	7/8"	1/2"	27
RHC64-1410	7/8"	5/8"	27
RHC64-1708	1.1/16"	1/2"	32
RHC64-1710	1.1/16"	5/8"	32
RHC64-1712	1.1/16"	3/4"	32
RHC64-1912	1.3/16"	3/4"	36
RHC64-2112	1.5/16"	3/4"	38
RHC64-2116	1.5/16"	1"	38
RHC64-2620	1.5/8"	1.1/4"	50
RHC64-3024	1.7/8"	1.1/2"	55
RHC64-4032	1"	3/4"	70



RHC13 ORFS FEMALE

PART NO	THREAD	HOSE	HEX
RHC13-0904	9/16"	1/4"	19
RHC13-1104	11/16"	1/4"	22
RHC13-1106	11/16"	3/8"	22
RHC13-1306	13/16"	3/8"	24
RHC13-1308	13/16"	1/2"	24
RHC13-1310	13/16"	5/8"	24
RHC13-1608	1"	1/2"	30
RHC13-1610	1"	5/8"	30
RHC13-1908	1.3/16"	1/2"	36
RHC13-1910	1.3/16"	5/8"	36
RHC13-1912	1.3/16"	3/4"	36
RHC13-2312	1.7/16"	3/4"	41
RHC13-2316	1.7/16"	1"	41
RHC13-2720	1.11/16"	1.1/4"	50
RHC13-3224	2"	1.1/2"	60



RHC13H ORFS DOUBLE HEX

PART NO	THREAD	HOSE	HEX
RHC40-0904	9/16"	1/4"	17
RHC40-1106	11/16"	3/8"	19
RHC40-1308	13/16"	1/2"	22
RHC40-1610	1"	5/8"	27
RHC40-1912	1.3/16"	3/4"	32
RHC40-2316	1.7/16"	1"	38

RHC03 SAE FEMALE

PART NO	THREAD	HOSE	HEX
RHC03-1006	5/8"	3/8"	22
RHC03-1712	1.1/16"	3/4"	32



RHC09 SAE MALE

PART NO	THREAD	HOSE	HEX
RHC09-1006	5/8"	3/8"	22



RHC41 SAE SWEPT 90*

PART NO	THREAD	HOSE	HEX
RHC41-1006	5/8"	3/8"	22



RHC45 SAE SWEPT 45*

PART NO	THREAD	HOSE	HEX
RHC45-1006	5/8"	3/8"	22



RHC20 UNO MALE

PART NO	THREAD	HOSE	HEX
RHC20-0906	9/16"	3/8"	17
RHC20-1206	3/4"	3/8"	22
RHC20-1208	3/4"	1/2"	22
RHC20-1408	7/8"	1/2"	27



RHC40 ORFS MALE

PART NO	THREAD	HOSE	HEX
RHC40-0904	9/16"	1/4"	17
RHC40-1106	11/16"	3/8"	19
RHC40-1306	13/16"	3/8"	22
RHC40-1308	13/16"	1/2"	22
RHC40-1610	1"	5/8"	27
RHC40-1910	1.3/16"	5/8"	32
RHC40-1912	1.3/16"	3/4"	32
RHC40-2312	1.7/16"	3/4"	38
RHC40-2316	1.7/16"	1"	38



HOSETAILS



RHC52 ORFS SWEPT 90*

PART NO	THREAD	HOSE	HEX
RHC52-0904	9/16"	1/4"	19
RHC52-1104	11/16"	1/4"	22
RHC52-1106	11/16"	3/8"	22
RHC52-1306	13/16"	3/8"	24
RHC52-1308	13/16"	1/2"	24
RHC52-1608	1"	1/2"	30
RHC52-1610	1"	5/8"	30
RHC52-1910	1.3/16"	5/8"	36
RHC52-1912	1.3/16"	3/4"	36
RHC52-2312	1.7/16"	3/4"	41
RHC52-2316	1.7/16"	1"	41
RHC52-2720	1.11/16"	1.1/4"	50
RHC52-3224*	2"	1.1/2"	60



RHC63 ORFS SWEPT 45*

PART NO	THREAD	HOSE	HEX
RHC63-0904	9/16"	1/4"	19
RHC63-1104	11/16"	1/4"	22
RHC63-1106	11/16"	3/8"	22
RHC63-1306	13/16"	3/8"	24
RHC63-1308	13/16"	1/2"	24
RHC63-1608	1"	1/2"	30
RHC63-1610	1"	5/8"	30
RHC63-1912	1.3/16"	3/4"	36
RHC63-2312	1.7/16"	3/4"	41
RHC63-2316	1.7/16"	1"	41
RHC63-2720	1.11/16"	1.1/4"	50
RHC63-3224*	2"	1.1/2"	60



RHC78M METRIC HEAVY MALE

PART NO	THREAD	HOSE	HEX
RHC78M-1404	M14x1.5	1/4"	14
RHC78M-1604	M16x1.5	1/4"	17
RHC78M-1606	M16x1.5	3/8"	17
RHC78M-1804	M18x1.5	1/4"	19
RHC78M-1805	M18x1.5	5/16"	19
RHC78M-1806	M18x1.5	3/8"	19
RHC78M-2005	M20x1.5	5/16"	22
RHC78M-2006	M20x1.5	3/8"	22
RHC78M-2008	M20x1.5	1/2"	22
RHC78M-2206	M22x1.5	3/8"	22
RHC78M-2208	M22x1.5	1/2"	22
RHC78M-2408	M24x1.5	1/2"	24
RHC78M-3010	M30x2	5/8"	30
RHC78M-3012	M30x2	3/4"	30
RHC78M-3612	M36x2	3/4"	36
RHC78M-3616	M36x2	1"	36
RHC78M-4216	M42x2	1"	46
RHC78M-4220	M42x2	1.1/4"	46
RHC78M-5220	M52x2	1.1/4"	55
RHC78M-5224	M52x2	1.1/2"	55



RHC79M METRIC HEAVY FEMALE

PART NO	THREAD	HOSE	HEX
RHC79M-1404	M14x1.5	1/4"	17
RHC79M-1604	M16x1.5	1/4"	19
RHC79M-1606	M16x1.5	3/8"	19
RHC79M-1804	M18x1.5	1/4"	22
RHC79M-1805	M18x1.5	5/16"	22
RHC79M-1806	M18x1.5	3/8"	22
RHC79M-2005	M20x1.5	5/16"	24
RHC79M-2006	M20x1.5	3/8"	24
RHC79M-2008	M20x1.5	1/2"	24
RHC79M-2206	M22x1.5	3/8"	27
RHC79M-2208	M22x1.5	1/2"	27
RHC79M-2406	M24x1.5	3/8"	30
RHC79M-2408	M24x1.5	1/2"	30
RHC79M-3010	M30x2	5/8"	36
RHC79M-3012	M30x2	3/4"	36
RHC79M-3612	M36x2	3/4"	46
RHC79M-3616	M36x2	1"	46
RHC79M-4216	M42x2	1"	50
RHC79M-4220	M42x2	1.1/4"	50
RHC79M-5220	M52x2	1.1/4"	60
RHC79M-5224	M52x2	1.1/2"	60



RHC83M METRIC HEAVY SWEPT 90*

PART NO	THREAD	HOSE	HEX
RHC83M-1404	M14x1.5	1/4"	17
RHC83M-1604	M16x1.5	1/4"	19
RHC83M-1804	M18x1.5	1/4"	22
RHC83M-1805	M18x1.5	5/16"	22
RHC83M-1806	M18x1.5	3/8"	22
RHC83M-2005	M20x1.5	5/16"	24
RHC83M-2006	M20x1.5	3/8"	24
RHC83M-2008	M20x1.5	1/2"	24
RHC83M-2206	M22x1.5	3/8"	27
RHC83M-2208	M22x1.5	1/2"	27
RHC83M-2406	M24x1.5	3/8"	30
RHC83M-2408	M24x1.5	1/2"	30
RHC83M-3010	M30x2	5/8"	36
RHC83M-3012	M30x2	3/4"	36
RHC83M-3612	M36x2	3/4"	46
RHC83M-3616	M36x2	1"	46
RHC83M-4216	M42x2	1"	50
RHC83M-4220	M42x2	1.1/4"	50
RHC83M-5220	M52x2	1.1/4"	60
RHC83M-5224	M52x2	1.1/2"	60

HOSETAILS



RHC84M METRIC HEAVY SWEPT 45*

PART NO	THREAD	HOSE	HEX
RHC84M-1404	M14x1.5	1/4"	17
RHC84M-1604	M16x1.5	1/4"	19
RHC84M-1804	M18x1.5	1/4"	22
RHC84M-1806	M18x1.5	3/8"	22
RHC84M-2005	M20x1.5	5/16"	24
RHC84M-2006	M20x1.5	3/8"	24
RHC84M-2206	M22x1.5	3/8"	27
RHC84M-2208	M22x1.5	1/2"	27
RHC84M-2408	M24x1.5	1/2"	30
RHC84M-3010	M30x2	5/8"	36
RHC84M-3012	M30x2	3/4"	36
RHC84M-3612	M36x2	3/4"	46
RHC84M-3616	M36x2	1"	46
RHC84M-4216	M42x2	1"	50
RHC84M-5220	M52x2	1.1/4"	60
RHC84M-5224	M52x2	1.1/2"	60



RHC81M METRIC LIGHT FEMALE

PART NO	THREAD	HOSE	HEX
RHC81M-1203	M12x1.5	3/16"	14
RHC81M-1204	M14x1.5	1/4"	14
RHC81M-1404	M14x1.5	1/4"	17
RHC81M-1604	M16x1.5	1/4"	19
RHC81M-1605	M16x1.5	5/16"	19
RHC81M-1606	M16x1.5	3/8"	19
RHC81M-1804	M18x1.5	1/4"	22
RHC81M-1805	M18x1.5	5/16"	22
RHC81M-1806	M18x1.5	3/8"	22
RHC81M-1808	M18x1.5	1/2"	22
RHC81M-2206	M22x1.5	3/8"	27
RHC81M-2208	M22x1.5	1/2"	27
RHC81M-2608	M26x1.5	1/2"	32
RHC81M-2610	M26x1.5	5/8"	32
RHC81M-2612	M26x1.5	3/4"	32
RHC81M-3010	M30x2	5/8"	36
RHC81M-3012	M30x2	3/4"	36
RHC81M-3612	M36x2	3/4"	41
RHC81M-3616	M36x2	1"	41
RHC81M-4520	M45x2	1.1/4"	50
RHC81M-5224	M52x2	1.1/2"	60

RHC80M METRIC LIGHT MALE



PART NO	THREAD	HOSE	HEX
RHC80M-1203	M12x1.5	3/16"	14
RHC80M-1204	M14x1.5	1/4"	14
RHC80M-1404	M14x1.5	1/4"	14
RHC80M-1604	M16x1.5	1/4"	17
RHC80M-1605	M16x1.5	5/16"	17
RHC80M-1606	M16x1.5	3/8"	17
RHC80M-1805	M18x1.5	5/16"	19
RHC80M-1806	M18x1.5	3/8"	19
RHC80M-2206	M22x1.5	3/8"	22
RHC80M-2208	M22x1.5	1/2"	22
RHC80M-2608	M26x1.5	1/2"	27
RHC80M-2610	M26x1.5	5/8"	27
RHC80M-3012	M30x2	3/4"	36
RHC80M-3616	M36x2	1"	41
RHC80M-4520	M45x2	1.1/4"	46
RHC80M-5224	M52x2	1.1/2"	55

RHC86M METRIC LIGHT SWEPT 90*



PART NO	THREAD	HOSE	HEX
RHC86M-1203	M12x1.5	3/16"	14
RHC86M-1204	M14x1.5	1/4"	14
RHC86M-1404	M14x1.5	1/4"	17
RHC86M-1604	M16x1.5	1/4"	19
RHC86M-1605	M16x1.5	5/16"	19
RHC86M-1606	M16x1.5	3/8"	19
RHC86M-1804	M18x1.5	1/4"	22
RHC86M-1805	M18x1.5	5/16"	22
RHC86M-1806	M18x1.5	3/8"	22
RHC86M-1808	M18x1.5	1/2"	22
RHC86M-2206	M22x1.5	3/8"	27
RHC86M-2208	M22x1.5	1/2"	27
RHC86M-2608	M26x1.5	1/2"	32
RHC86M-2610	M26x1.5	5/8"	32
RHC86M-3012	M30x2	3/4"	36
RHC86M-3616	M36x2	1"	41
RHC86M-4520	M45x2	1.1/4"	50
RHC86M-5224	M52x2	1.1/2"	60

HOSETAILS



RHC87M METRIC LIGHT SWEPT 45*

PART NO	THREAD	HOSE	HEX
RHC87M-1204	M14x1.5	1/4"	14
RHC87M-1404	M14x1.5	1/4"	17
RHC87M-1604	M16x1.5	1/4"	19
RHC87M-1605	M16x1.5	5/16"	19
RHC87M-1606	M16x1.5	3/8"	19
RHC87M-1804	M18x1.5	1/4"	22
RHC87M-1805	M18x1.5	5/16"	22
RHC87M-1806	M18x1.5	3/8"	22
RHC87M-2206	M22x1.5	3/8"	27
RHC87M-2208	M22x1.5	1/2"	27
RHC87M-2608	M26x1.5	1/2"	32
RHC87M-2610	M26x1.5	5/8"	32
RHC87M-3012	M30x2	3/4"	36
RHC87M-3616	M36x2	1"	41
RHC87M-4520	M45x2	1.1/4"	50
RHC87M-5224	M52x2	1.1/2"	60



RHC88M METRIC JIS SWEPT 45*

PART NO	THREAD	HOSE	HEX
RHC88M-1404	M14x1.5	1/4"	19
RHC88M-1406	M14x1.5	3/8"	19
RHC88M-1605	M16x1.5	5/16"	22
RHC88M-1806	M18x1.5	3/8"	24
RHC88M-2208	M22x1.5	1/2"	27
RHC88M-2410	M24x1.5	5/8"	30
RHC88M-3012	M30x1.5	3/4"	36
RHC88M-3316	M33x1.5	1"	41



RHC75 BSPP JIS FEMALE

PART NO	THREAD	HOSE	HEX
RHC75-0404	1/4"	1/4"	19
RHC75-0606	3/8"	3/8"	22
RHC75-0808	1/2"	1/2"	27
RHC75-1212	3/4"	3/4"	32
RHC75-1616	1"	1"	38



RHC70M METRIC JIS FEMALE

PART NO	THREAD	HOSE	HEX
RHC70M-1404	M14x1.5	1/4"	19
RHC70M-1406	M14x1.5	3/8"	19
RHC70M-1605	M16x1.5	5/16"	22
RHC70M-1606	M16x1.5	3/8"	22
RHC70M-1806	M18x1.5	3/8"	24
RHC70M-2208	M22x1.5	1/2"	27
RHC70M-2408	M24x1.5	1/2"	30
RHC70M-2410	M24x1.5	5/8"	30
RHC70M-3012	M30x1.5	3/4"	36
RHC70M-3316	M33x1.5	1"	41
RHC70M-3620	M36x1.5	1.1/4"	46
RHC70M-4224	M42x1.5	1.1/4"	50



RHC98 BSPP JIS SWEPT 90*

PART NO	THREAD	HOSE	HEX
RHC98-0404	1/4"	1/4"	19
RHC98-0604	3/8"	1/4"	22
RHC98-0606	3/8"	3/8"	22
RHC98-0808	1/2"	1/2"	27
RHC98-1212	3/4"	3/4"	32
RHC98-1616	1"	1"	38



RHC89M METRIC JIS SWEPT 90*

PART NO	THREAD	HOSE	HEX
RHC89M-1404	M14x1.5	1/4"	19
RHC89M-1406	M14x1.5	3/8"	19
RHC89M-1605	M16x1.5	5/16"	22
RHC89M-1806	M18x1.5	3/8"	24
RHC89M-2208	M22x1.5	1/2"	27
RHC89M-2410	M24x1.5	5/8"	30
RHC89M-3012	M30x1.5	3/4"	36
RHC89M-3316	M33x1.5	1"	41



RHC99 BSPP JIS SWEPT 45*

PART NO	THREAD	HOSE	HEX
RHC99-0404	1/4"	1/4"	19
RHC99-0606	3/8"	3/8"	22
RHC99-0808	1/2"	1/2"	27
RHC99-1212	3/4"	3/4"	32
RHC99-1616	1"	1"	38

HOSETAILS



RHC23 CODE 61 FLANGE

PART NO	FLANGE	HOSE	FLANGE MM
RHC23-0808	1/2"	1/2"	30.2
RHC23-0810	1/2"	5/8"	30.2
RHC23-1010	1/2"	1/2"	34.0
RHC23-1208	3/4"	1/2"	38.1
RHC23-1212	3/4"	3/4"	38.1
RHC23-1612	1"	3/4"	44.5
RHC23-1616	1"	1"	44.5
RHC23-2016	1.1/4"	1"	50.8
RHC23-2020	1.1/4"	1.1/4"	50.8
RHC23-2420	1.1/2"	1.1/4"	60.3
RHC23-2424	1.1/2"	1.1/2"	60.3
RHC23-3232	2"	2"	71.4

RHC22 CODE 62 FLANGE

PART NO	FLANGE	HOSE	FLANGE MM
RHC22-0808	1/2"	1/2"	31.8
RHC22-1212	3/4"	3/4"	41.3
RHC22-1612	1"	3/4"	47.6
RHC22-1616	1"	1"	47.6
RHC22-2016	1.1/4"	1"	54
RHC22-2020	1.1/4"	1.1/4"	54
RHC22-2420	1.1/2"	1.1/4"	63.5
RHC22-2424	1.1/2"	1.1/2"	63.5
RHC22-3224	2"	1.1/2"	79.4
RHC22-3232	2"	2"	79.4

RHC59 CODE 61 SWEPT 90*

PART NO	FLANGE	HOSE	FLANGE MM
RHC59-0808	1/2"	1/2"	30.2
RHC59-1010	1/2"	1/2"	34.0
RHC59-1208	3/4"	1/2"	38.1
RHC59-1212	3/4"	3/4"	38.1
RHC59-1612	1"	3/4"	44.5
RHC59-1616	1"	1"	44.5
RHC59-2016	1.1/4"	1"	50.8
RHC59-2020	1.1/4"	1.1/4"	50.8
RHC59-2420	1.1/2"	1.1/4"	60.3
RHC59-2424	1.1/2"	1.1/2"	60.3
RHC59-3224	1.1/2"	2"	71.4
RHC59-3232	2"	2"	71.4

RHC61 CODE 62 SWEPT 90*

PART NO	FLANGE	HOSE	FLANGE MM
RHC61-0808	1/2"	1/2"	31.8
RHC61-1212	3/4"	3/4"	41.3
RHC61-1612	1"	3/4"	47.6
RHC61-1616	1"	1"	47.6
RHC61-2016	1.1/4"	1"	54.0
RHC61-2020	1.1/4"	1.1/4"	54.0
RHC61-2420	1.1/2"	1.1/4"	63.5
RHC61-2424	1.1/2"	1.1/2"	63.5
RHC61-3224	1.1/2"	2"	79.4
RHC61-3232	2"	2"	79.4

RHC59L CODE 61 LONG 90*

PART NO	FLANGE	HOSE	FLANGE MM
RHC59L-1212	3/4"	3/4"	38.1
RHC59L-1616	1"	1"	44.5
RHC59L-2020	1.1/4"	1.1/4"	50.8

RHC62 CODE 62 SWEPT 45*

PART NO	FLANGE	HOSE	FLANGE MM
RHC62-1212	3/4"	3/4"	41.3
RHC62-1612	1"	3/4"	47.6
RHC62-1616	1"	1"	47.6
RHC62-2016	1.1/4"	1"	54.0
RHC62-2020	1.1/4"	1.1/4"	54.0
RHC62-2420	1.1/2"	1.1/4"	63.5
RHC62-2424	1.1/2"	1.1/2"	63.5
RHC62-3232	2"	2"	79.4

RHC68 CODE 61* SWEPT 45*

PART NO	FLANGE	HOSE	FLANGE MM
RHC68-0808	1/2"	1/2"	30.2
RHC68-1010	1/2"	1/2"	34.0
RHC68-1208	3/4"	1/2"	38.1
RHC68-1212	3/4"	3/4"	38.1
RHC68-1612	1"	3/4"	44.5
RHC68-1616	1"	1"	44.5
RHC68-2016	1.1/4"	1"	50.8
RHC68-2020	1.1/4"	1.1/4"	50.8
RHC68-2420	1.1/2"	1.1/4"	60.3
RHC68-2424	1.1/2"	1.1/2"	60.3
RHC68-3232	2"	2"	71.4

HOSETAILS

RHC04 NPT FEMALE



PART NO	THREAD	HOSE	HEX
RHC04-0404	1/4"	1/4"	19
RHC04-0606	3/8"	3/8"	22
RHC04-0808	1/2"	1/2"	27

RHCK KARCHER INSERT



PART NO	MALE	HOSE	HEX
RHCK-04	1/4"	1/4"	19
RHCK-05	1/4"	5/16"	22
RHCK-06	1/4"	3/8"	27

RHC16 NPT MALE



PART NO	THREAD	HOSE	HEX
RHC16-0404	1/4"	1/4"	15
RHC16-0406	1/4"	3/8"	17
RHC16-0604	3/8"	1/4"	19
RHC16-0606	3/8"	3/8"	19
RHC16-0608	3/8"	1/2"	19
RHC16-0806	1/2"	3/8"	22
RHC16-0808	1/2"	1/2"	22
RHC16-1212	3/4"	3/4"	27
RHC16-1616	1"	1"	36

RHC90 JOINER



PART NO	HOSE	HOSE
RHC90-0404	1/4"	1/4"
RHC90-0606	3/8"	3/8"
RHC90-0808	1/2"	1/2"
RHC90-1010	5/8"	5/8"
RHC90-1212	3/4"	3/4"
RHC90-1616	1"	1"

RHC38 BSPP BANJO



PART NO	EYE	HOSE	BANJO OD
RHC38-0404	1/4"	1/4"	25
RHC38-0606	3/8"	3/8"	26
RHC38-0806	1/2"	3/8"	31
RHC38-0808	1/2"	1/2"	31
RHC38-1010	5/8"	5/8"	29
RHC38-1212	3/4"	3/4"	45
RHC38-1616	1"	1"	58

RHC96 LIFESAVER



PART NO	TUBE	HOSE
RHC96-0404	1/4"	1/4"
RHC96-0606	3/8"	3/8"
RHC96-0808	1/2"	1/2"
RHC96-1010	5/8"	5/8"
RHC96-1212	3/4"	3/4"
RHC96-1616	1"	1"

RHC38M METRIC BANJO



PART NO	EYE	HOSE	BANJO OD
RHC38M-1004	10	1/4"	17
RHC38M-1204	12	1/4"	20
RHC38M-1404	14	1/4"	24
RHC38M-1406	14	3/8"	24
RHC38M-1604	16	1/4"	28
RHC38M-1606	16	3/8"	28
RHC38M-1806	18	3/8"	32
RHC38M-1808	18	1/2"	32
RHC38M-2208	22	1/2"	36
RHC38M-2210	22	5/8"	36
RHC38M-2612	26	3/4"	45
RHC38M-3016	30	1"	54

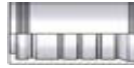
RHC30M PRESSURE CLEANER



PART NO	THREAD	HOSE	HEX
RHC30M-2204	M22x1.5	1/4"	19
RHC30M-2205	M22x1.5	5/16"	22
RHC30M-2206	M22x1.5	3/8"	27

INTERLOCK HOSETAILS

004N SUITS RH12, RH4SP, RH4SH



PART NO	HOSE	DIMENSIONS	
		D	L
004N-20	1.1/4"	55.0	88.0
004N-24	1.1/2"	62.0	94.0
004N-32	2"	78.0	99.0

RHC64IL JIC SWEPT 45*



PART NO	THREAD	HOSE	HEX
RHC64IL-2620	1.5/8"	1.1/4"	50
RHC64IL-3024	1.7/8"	1.1/2"	55
RHC64IL-4032	2.1/2"	2"	70

0013 SUITS RH13, RH15



PART NO	HOSE	DIMENSIONS	
		D	L
0013-20	1.1/4"	60.0	88.0
0013-24	1.1/2"	67.0	94.0
0013-32	2"	84.5	99.0

RHC23IL CODE 61 FLANGE



PART NO	FLANGE	HOSE	FLANGE MM
RHC23IL-2424	1.1/2"	1.1/2"	60.3
RHC23IL-3232	2"	2"	71.4

RHC01IL BSPP FEMALE



PART NO	THREAD	HOSE	HEX
RHC01IL-2424	1.1/2"	1.1/2"	55
RHC01IL-3232	2"	2"	70

RHC59IL CODE 61 SWEPT 90*



PART NO	FLANGE	HOSE	FLANGE MM
RHC59IL-2424	1.1/2"	1.1/2"	60.3
RHC59IL-3232	2"	2"	71.4

RHC51IL BSPP SWEPT 90*



PART NO	THREAD	HOSE	HEX
RHC51IL-2424	1.1/2"	1.1/2"	55
RHC51IL-3232	2"	2"	70

RHC68IL CODE 61 SWEPT 45*



PART NO	FLANGE	HOSE	FLANGE MM
RHC68IL-2424	1.1/2"	1.1/2"	60.3
RHC68IL-3232	2"	2"	71.4

RHC60IL BSPP SWEPT 45*



PART NO	THREAD	HOSE	HEX
RHC60IL-2424	1.1/2"	1.1/2"	55
RHC60IL-3232	2"	2"	70

RHC22IL CODE 62 FLANGE



PART NO	FLANGE	HOSE	FLANGE MM
RHC22IL-2020	1.1/4"	1.1/4"	54.0
RHC22IL-2424	1.1/2"	1.1/2"	63.5
RHC22IL-3232	2"	2"	79.4

RHC05IL JIC FEMALE



PART NO	THREAD	HOSE	HEX
RHC05IL-2620	1.5/8"	1.1/4"	50
RHC05IL-3024	1.7/8"	1.1/2"	55
RHC05IL-4032	2.1/2"	2"	70

RHC61IL CODE 62 SWEPT 90*



PART NO	FLANGE	HOSE	FLANGE MM
RHC61IL-2020	1.1/4"	1.1/4"	54.0
RHC61IL-2424	1.1/2"	1.1/2"	63.5
RHC61IL-3232	2"	2"	79.4

RHC55IL JIC SWEPT 90*



PART NO	THREAD	HOSE	HEX
RHC55IL-2620	1.5/8"	1.1/4"	50
RHC55IL-3024	1.7/8"	1.1/2"	55
RHC55IL-4032	2.1/2"	2"	70

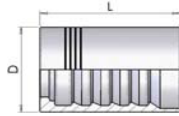
RHC62IL CODE 62 SWEPT 45*



PART NO	FLANGE	HOSE	FLANGE MM
RHC62IL-2424	1.1/2"	1.1/2"	63.5
RHC62IL-3232	2"	2"	79.4

NPT, METRIC & ORFS TAILS AVAILABLE ON REQUEST

MULTISPIRAL HOSETAILS



0019

SKIVE SUITS RHJ, 4SP, 4SH

PART NO	HOSE	DIMENSIONS	
		D	L
0019-12	3/4"	38.0	55.0
0019-16	1"	46.0	75.0



RHX01 BSPF FEMALE

PART NO	THREAD	HOSE	HEX
RHX01-1212	3/4"	3/4"	32
RHX01-1616	1"	1"	38



RHX05 JIC FEMALE









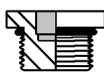

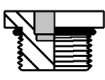












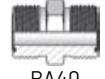


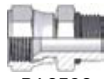


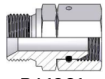





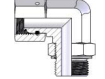





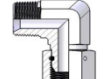
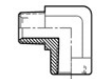






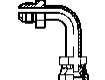





PART NO	THREAD	HOSE	HEX
RHX05-1712	1.1/16"	3/4"	32















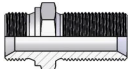
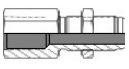




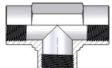
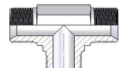
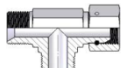
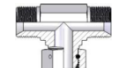









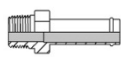
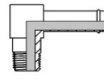
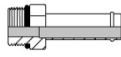
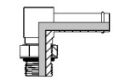













RHX13 ORFS FEMALE

PART NO	THREAD	HOSE	HEX
RHX13H-1912	1.3/16"	3/4"	36

ADAPTORS

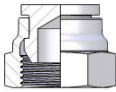
CAPS	 RA01 BSPP CAP PAGE 32	 RA05 JIC CAP PAGE 32	 RA13 ORFS CAP PAGE 32	PLUGS	 RA12 BSPP PLUG PAGE 33	 RA15 BSPT PLUG PAGE 33
 RA16 NPT PLUG PAGE 33	 RA18 JIC PLUG PAGE 33	 RA20 UNO PLUG PAGE 33	 RA20H UNO IN HEX PLUG PAGE 33	 RA40 ORFS PLUG PAGE 33	 RA76H METRIC IN HEX PLUG PAGE 33	
NIPPLES	 RA12 BSPP PAGE 34	 RA1218 BSPP x JIC PAGE 34	 RA1240 BSPP x ORFS PAGE 34	 RA15 BSPT PAGE 34	 RA1512 BSPT x BSPP PAGE 35	 RA1518 BSPT x JIC PAGE 35
 RA1520 BSPT x UNO PAGE 35	 RA16 NPT PAGE 35	 RA1618 NPT x JIC PAGE 35	 RA18 JIC PAGE 36	 RA1820 JIC x UNO PAGE 36	 RA1876 JIC x METRIC STUD PAGE 36	 RA40 ORFS PAGE 36
 RA4020 ORFS x UNO PAGE 36	UNIONS	 RA0120 BSP x UNO F/M PAGE 37	 RA0520 JIC x UNO F/M PAGE 37	 RA11 BSPT F SOCKET PAGE 37	 RA1118 BSPT x JIC F/M PAGE 37	 RA1201 BSPP M/F PAGE 37
 RA1205 BSPP x JIC M/F PAGE 37	 RA1501 BSPT x BSP M/F PAGE 38	 RA1505 BSPT x JIC M/F PAGE 38	 RA1805 JIC M/F PAGE 38	 RA19 UNO F SOCKET PAGE 38	90° ELBOWS	 RA0120- 90 BSP x UNO F/M PAGE 39
 RA0520- 90 JIC x UNO F/M PAGE 39	 RA11- 90 BSPT F/F PAGE 39	 RA1201- 90 BSPP M/F PAGE 39	 RA1218- 90 BSPP x JIC M/M PAGE 39	 RA15- 90 BSPT M/M PAGE 39	 RA1501- 90 BSPT x BSP M/F PAGE 39	 RA1511- 90 BSPT M/F PAGE 39
 RA1512- 90 BSPT x BSPP M/M PAGE 39	 RA1518- 90 BSPT x JIC M/M PAGE 40	 RA1520- 90 BSPT x UNO M/M PAGE 40	 RA1618- 90 NPT x JIC M/M PAGE 40	 RA18- 90 JIC M/M PAGE 40	 RA1805- 90 JIC M/F PAGE 40	 RA1805- 90L JIC M/F PAGE 40
 RA1805- 90S JIC M/F PAGE 40	 RA1820- 90 JIC x UNO M/M PAGE 41	 RA40- 90 ORFS M/M PAGE 41	 RA4013- 90 ORFS M/F PAGE 41	 RA4020- 90 ORFS x UNO M/M PAGE 41		

ADAPTORS

45* ELBOWS	 RA1218-45 BSPP x JIC M/M PAGE 42	 RA15-45 BSPT M/M PAGE 42	 RA1501-45 BSPT x BSP M/F PAGE 42	 RA1511-45 BSPT M/F PAGE 42	 RA1518-45 BSPT x JIC M/M PAGE 42	 RA1805-45 JIC M/F PAGE 42
 RA1820-45 JIC x UNO M/M PAGE 42	 RA4013-45 ORFS M/F PAGE 42	REDUCERS	 RA12R BSPP PAGE 43	 RA15R BSPT PAGE 43	 RA18R JIC PAGE 43	 RA20R UNO PAGE 43
BULKHEAD	 RA12B BSPP PAGE 44	 RA1418B NPTF x JIC PAGE 44	 RA18B JIC PAGE 44	 RA18B-90 JIC 90* PAGE 44	 RA18BTB JIC B/HEAD BR. TEE PAGE 44	 RA18BTR JIC B/HEAD RUN TEE PAGE 44
TEES	 RA11 BSPT F/F/F PAGE 45	 RA15 BSPT M/M/M PAGE 45	 RA150115 BSP RUN TEE PAGE 45	 RA151501 BSP BRANCH TEE PAGE 45	 RA18 JIC M/M/M PAGE 45	 RA180518 JIC RUN TEE PAGE 45
 RA181805 JIC BRANCH TEE PAGE 45	 RA181812 JIC x BSP BR. TEE PAGE 45	 RA181820 JIC x UNO BR. TEE PAGE 45	 RA182018 JIC RUN TEE PAGE 45	 RA40 ORFS M/M/M PAGE 45	 RA401340 ORFS RUN TEE PAGE 46	
SUCTION TAILS	 RA12S-90 BSPP x LP 90* PAGE 42	 RA15S BSPT x LP PAGE 42	 RA15S-90 BSPT x LP 90* PAGE 42	 RA20S UNO x LP PAGE 42	 RA20S-90 UNO x LP 90* PAGE 42	MISC
 RAFC61 CODE 61 CLAMP PAGE 43	 RAFC62 CODE 62 CLAMP PAGE 43	 RBB BSPP BANJO BOLT PAGE 43	 RBBM METRIC BANJO BOLT PAGE 43	 RT05N JIC TUBE NUT PAGE 43	 RT05S JIC TUBE SLEEVE PAGE 43	 RTW05 JIC F TUBE WELD PAGE 43
 RTW18 JIC M TUBE WELD PAGE 43	ORINGS / SEALS	 DS BSPP DOWTY PAGE 44	 DSM METRIC DOWTY PAGE 44	 RO UNO ORING PAGE 44	 ROF FLANGE ORING PAGE 44	 ROFS ORFS ORING PAGE 44


RA01

BSPP CAP

	PART NO	THREAD
	RA01-02	1/8"
	RA01-04	1/4"
	RA01-06	3/8"
	RA01-08	1/2"
	RA01-12	3/4"
	RA01-16	1"
	RA01-20	1.1/4"
	RA01-24	1.1/2"
	RA01-32	2"


RA05

JIC CAP

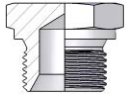
	PART NO	THREAD
	RA05-07	7/16"
	RA05-08	1/2"
	RA05-09	9/16"
	RA05-12	3/4"
	RA05-14	7/8"
	RA05-17	1.1/16"
	RA05-19	1.3/16"
	RA05-21	1.5/16"
	RA05-26	1.5/8"
	RA05-30	1.7/8"
	RA05-40	2.1/2"

RA13

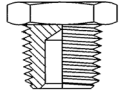
ORFS CAP

	PART NO	THREAD
	RA13-09	9/16"
	RA13-11	11/16"
	RA13-13	13/16"
	RA13-16	1"
	RA13-19	1.3/16"
	RA13-23	1.7/16"
	RA13-27	1.11/16"
	RA13-32	2"

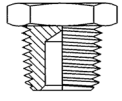
RA12 BSPP PLUG

	PART NO	THREAD
	RA12-02	1/8"
	RA12-04	1/4"
	RA12-06	3/8"
	RA12-08	1/2"
	RA12-12	3/4"
	RA12-16	1"
	RA12-20	1.1/4"
	RA12-24	1.1/2"
	RA12-32	2"


RA15 BSPT PLUG

	PART NO	THREAD
	RA15-02	1/8"
	RA15-04	1/4"
	RA15-06	3/8"
	RA15-08	1/2"
	RA15-12	3/4"
	RA15-16	1"
	RA15-20	1.1/4"
	RA15-24	1.1/2"
	RA15-32	2"


RA16 NPT PLUG

	PART NO	THREAD
	RA16-02*	1/8"
	RA16-04*	1/4"
	RA16-06*	3/8"
	RA16-08*	1/2"
	RA16-12*	3/4"
	RA16-16*	1"
	RA16-20*	1.1/4"
	RA16-24*	1.1/2"
	RA16-32*	2"


RA18 JIC PLUG

	PART NO	THREAD
	RA18-07	7/16"
	RA18-08	1/2"
	RA18-09	9/16"
	RA18-12	3/4"
	RA18-14	7/8"
	RA18-17	1.1/16"
	RA18-19	1.3/16"
	RA18-21	1.5/16"
	RA18-26	1.5/8"
	RA18-30	1.7/8"
	RA18-40	2.1/2"


RA20 UNO PLUG

	PART NO	THREAD
	RA20-07	7/16"
	RA20-08	1/2"
	RA20-09	9/16"
	RA20-12	3/4"
	RA20-14	7/8"
	RA20-17	1.1/16"
	RA20-21	1.5/16"


RA20H UNO IN HEX PLUG

	PART NO	THREAD
	RA20H-07	7/16"
	RA20H-09	9/16"
	RA20H-12	3/4"
	RA20H-14	7/8"
RA20H-17	1.1/16"	

RA40 ORFS PLUG

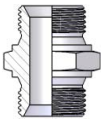
	PART NO	THREAD
	RA40-09	9/16"
	RA40-11	11/16"
	RA40-13	13/16"
	RA40-16	1"
	RA40-19	1.3/16"
	RA40-23	1.7/16"
	RA40-27	1.11/16"
RA40-32	2"	

RA76H METRIC IN HEX PLUG

	PART NO	THREAD
	RA76H-10	M10x1.5
	RA76H-12	M12x1.5
	RA76H-16	M16x1.5
	RA76H-18	M18x1.5


RA12

BSPP NIPPLE

	PART NO	T 1	T 2
	RA12-0202	1/8"	1/8"
RA12-0204	1/8"	1/4"	
RA12-0404	1/4"	1/4"	
RA12-0406	1/4"	3/8"	
RA12-0408	1/4"	1/2"	
RA12-0606	3/8"	3/8"	
RA12-0608	3/8"	1/2"	
RA12-0612	3/8"	3/4"	
RA12-0808	1/2"	1/2"	
RA12-0812	1/2"	3/4"	
RA12-1212	3/4"	3/4"	
RA12-1216	3/4"	1"	
RA12-1220	3/4"	1.1/4"	
RA12-1616	1"	1"	
RA12-1620	1"	1.1/4"	
RA12-1624	1"	1.1/2"	
RA12-2020	1.1/4"	1.1/4"	
RA12-2024	1.1/4"	1.1/2"	
RA12-2424	1.1/2"	1.1/2"	
RA12-2432	1.1/2"	2"	
RA12-3232	2"	2"	


RA1240

BSPP x ORFS NIPPLE

	PART NO	T 1	T 2
	RA1240-0409	1/4"	9/16"
RA1240-0411	1/4"	11/16"	
RA1240-0609	3/8"	9/16"	
RA1240-0811	1/2"	11/16"	
RA1240-0813	1/2"	13/16"	
RA1240-1623	1"	1.7/16"	


RA15

BSPT NIPPLE

	PART NO	T 1	T 2
	RA15-0202	1/8"	1/8"
RA15-0204	1/8"	1/4"	
RA15-0404	1/4"	1/4"	
RA15-0406	1/4"	3/8"	
RA15-0408	1/4"	1/2"	
RA15-0606	3/8"	3/8"	
RA15-0608	3/8"	1/2"	
RA15-0612	3/8"	3/4"	
RA15-0808	1/2"	1/2"	
RA15-0810*	1/2"	5/8"	
RA15-0812	1/2"	3/4"	
RA15-0816	1/2"	1"	
RA15-1010	5/8"	5/8"	
RA15-1012*	5/8"	3/4"	
RA15-1212	3/4"	3/4"	
RA15-1216	3/4"	1"	
RA15-1220	3/4"	1.1/4"	
RA15-1616	1"	1"	
RA15-1620	1"	1.1/4"	
RA15-1624	1"	1.1/2"	
RA15-2020	1.1/4"	1.1/4"	
RA15-2024	1.1/4"	1.1/2"	
RA15-2032*	1.1/4"	2"	
RA15-2424	1.1/2"	1.1/2"	
RA15-2432*	1.1/2"	2"	
RA15-3232	2"	2"	

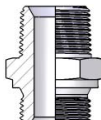
RA1218

BSPP x JIC NIPPLE


	PART NO	T 1	T 2
	RA1218-0207	1/8"	7/16"
RA1218-0208	1/8"	1/2"	
RA1218-0209	1/8"	9/16"	
RA1218-0407	1/4"	7/16"	
RA1218-0408	1/4"	1/2"	
RA1218-0409	1/4"	9/16"	
RA1218-0412	1/4"	3/4"	
RA1218-0607	3/8"	7/16"	
RA1218-0608	3/8"	1/2"	
RA1218-0609	3/8"	9/16"	
RA1218-0612	3/8"	3/4"	
RA1218-0614	3/8"	7/8"	
RA1218-0809	1/2"	9/16"	
RA1218-0812	1/2"	3/4"	
RA1218-0814	1/2"	7/8"	
RA1218-0817	1/2"	1.1/16"	
RA1218-1209	3/4"	9/16"	
RA1218-1212	3/4"	3/4"	
RA1218-1214	3/4"	7/8"	
RA1218-1217	3/4"	1.1/16"	
RA1218-1221	3/4"	1.5/16"	
RA1218-1612	1"	3/4"	
RA1218-1614	1"	7/8"	
RA1218-1617	1"	1.1/16"	
RA1218-1621	1"	1.5/16"	
RA1218-1626	1"	1.5/8"	
RA1218-2017	1.1/4"	1.1/16"	
RA1218-2021	1.1/4"	1.5/16"	
RA1218-2026	1.1/4"	1.5/8"	
RA1218-2030	1.1/4"	1.7/8"	
RA1218-2421	1.1/2"	1.5/16"	
RA1218-2426	1.1/2"	1.5/8"	
RA1218-2430	1.1/2"	1.7/8"	
RA1218-3240	2"	2.1/2"	

RA1512


BSPT x BSPP NIPPLE

	PART NO	T 1	T 2
	RA1512-0404	1/4"	1/4"
RA1512-0406	1/4"	3/8"	
RA1512-0408	1/4"	1/2"	
RA1512-0604	3/8"	1/4"	
RA1512-0606	3/8"	3/8"	
RA1512-0608	3/8"	1/2"	
RA1512-0612	3/8"	3/4"	
RA1512-0804	1/2"	1/4"	
RA1512-0806	1/2"	3/8"	
RA1512-0808	1/2"	1/2"	
RA1512-0812	1/2"	3/4"	
RA1512-0816	1/2"	1"	
RA1512-1208	3/4"	1/2"	
RA1512-1212	3/4"	3/4"	
RA1512-1216	3/4"	1"	
RA1512-1220	3/4"	1.1/4"	
RA1512-1612	1"	3/4"	
RA1512-1616	1"	1"	
RA1512-1620	1"	1.1/4"	
RA1512-2012	1.1/4"	3/4"	
RA1512-2016	1.1/4"	1"	
RA1512-2020	1.1/4"	1.1/4"	
RA1512-2024	1.1/4"	1.1/2"	
RA1512-2420	1.1/2"	1.1/4"	
RA1512-2424	1.1/2"	1.1/2"	


RA1518 BSPT x JIC NIPPLE

	PART NO	T 1	T 2
	RA1518-0207	1/8"	7/16"
RA1518-0208	1/8"	1/2"	
RA1518-0209	1/8"	9/16"	
RA1518-0407	1/4"	7/16"	
RA1518-0408	1/4"	1/2"	
RA1518-0409	1/4"	9/16"	
RA1518-0412	1/4"	3/4"	
RA1518-0607	3/8"	7/16"	
RA1518-0608	3/8"	1/2"	
RA1518-0609	3/8"	9/16"	
RA1518-0612	3/8"	3/4"	
RA1518-0614	3/8"	7/8"	
RA1518-0617	3/8"	1.1/16"	
RA1518-0807	1/2"	7/16"	
RA1518-0809	1/2"	9/16"	
RA1518-0812	1/2"	3/4"	
RA1518-0814	1/2"	7/8"	
RA1518-0817	1/2"	1.1/16"	
RA1518-1209	3/4"	9/16"	
RA1518-1212	3/4"	3/4"	
RA1518-1214	3/4"	7/8"	
RA1518-1217	3/4"	1.1/16"	
RA1518-1221	3/4"	1.5/16"	
RA1518-1612	1"	3/4"	
RA1518-1614	1"	7/8"	
RA1518-1617	1"	1.1/16"	
RA1518-1621	1"	1.5/16"	
RA1518-1626	1"	1.5/8"	
RA1518-2017	1.1/4"	1.1/16"	
RA1518-2021	1.1/4"	1.5/16"	
RA1518-2026	1.1/4"	1.5/8"	
RA1518-2030	1.1/4"	1.7/8"	
RA1518-2421	1.1/2"	1.5/16"	
RA1518-2426	1.1/2"	1.5/8"	
RA1518-2430	1.1/2"	1.7/8"	
RA1518-3240	2"	2.1/2"	


RA1520 BSPT x UNO NIPPLE

	PART NO	T 1	T 2
	RA1520-0407	1/4"	7/16"
RA1520-0409	1/4"	9/16"	
RA1520-0412	1/4"	3/4"	
RA1520-0414	1/4"	7/8"	
RA1520-0609	3/8"	9/16"	
RA1520-0612	3/8"	3/4"	
RA1520-0614	3/8"	7/8"	
RA1520-0809	1/2"	9/16"	
RA1520-0812	1/2"	3/4"	
RA1520-0814	1/2"	7/8"	
RA1520-0817	1/2"	1.1/16"	
RA1520-1212	3/4"	3/4"	
RA1520-1214	3/4"	7/8"	
RA1520-1217	3/4"	1.1/16"	
RA1520-1221	3/4"	1.5/16"	
RA1520-1617	1"	1.1/16"	
RA1520-1621	1"	1.5/16"	
RA1520-2026	1.1/4"	1.5/8"	


RA16 NPT NIPPLE

	PART NO	T 1	T 2
	RA16-0202	1/8"	1/8"
RA16-0404	1/4"	1/4"	
RA16-0606	3/8"	3/8"	
RA16-0808	1/2"	1/2"	
RA16-1212	3/4"	3/4"	
RA16-1616	1"	1"	

RA1618 NPT x JIC NIPPLE


	PART NO	T 1	T 2
	RA1618-0207	1/8"	7/16"
RA1618-0407	1/4"	7/16"	
RA1618-0609	3/8"	9/16"	
RA1618-0612	3/8"	3/4"	
RA1618-0812	1/2"	3/4"	
RA1618-0814	1/2"	7/8"	
RA1618-1217	3/4"	1.1/16"	
RA1618-1621	1"	1.5/16"	

RA18 JIC NIPPLE

	PART NO	T 1	T 2
	RA18-0707	7/16"	7/16"
RA18-0709	7/16"	9/16"	
RA18-0808	1/2"	1/2"	
RA18-0809	1/2"	9/16"	
RA18-0909	9/16"	9/16"	
RA18-0912	9/16"	3/4"	
RA18-0914	9/16"	7/8"	
RA18-1212	3/4"	3/4"	
RA18-1214	3/4"	7/8"	
RA18-1217	3/4"	1.1/16"	
RA18-1414	7/8"	7/8"	
RA18-1417	7/8"	1.1/16"	
RA18-1717	1.1/16"	1.1/16"	
RA18-1721	1.1/16"	1.5/16"	
RA18-2121	1.5/16"	1.5/16"	
RA18-2126	1.5/16"	1.5/8"	
RA18-2626	1.5/8"	1.5/8"	
RA18-3030	1.7/8"	1.7/8"	
RA18-4040	2.1/2"	2.1/2"	


RA1820

JIC x UNO NIPPLE

	PART NO	T 1	T 2
	RA1820-0707	7/16"	7/16"
RA1820-0709	7/16"	9/16"	
RA1820-0712	7/16"	3/4"	
RA1820-0807	1/2"	7/16"	
RA1820-0808	1/2"	1/2"	
RA1820-0809	1/2"	9/16"	
RA1820-0907	9/16"	7/16"	
RA1820-0908	9/16"	1/2"	
RA1820-0909	9/16"	9/16"	
RA1820-0912	9/16"	3/4"	
RA1820-0914	9/16"	7/8"	
RA1820-1207	3/4"	7/16"	
RA1820-1209	3/4"	9/16"	
RA1820-1212	3/4"	3/4"	
RA1820-1214	3/4"	7/8"	
RA1820-1217	3/4"	1.1/16"	
RA1820-1221	3/4"	1.5/16"	
RA1820-1409	7/8"	9/16"	
RA1820-1412	7/8"	3/4"	
RA1820-1414	7/8"	7/8"	
RA1820-1417	7/8"	1.1/16"	
RA1820-1421	7/8"	1.5/16"	
RA1820-1712	1.1/16"	3/4"	
RA1820-1714	1.1/16"	7/8"	
RA1820-1717	1.1/16"	1.1/16"	
RA1820-1721	1.1/16"	1.5/16"	
RA1820-1726	1.1/16"	1.5/8"	
RA1820-2117	1.5/16"	1.1/16"	
RA1820-2121	1.5/16"	1.5/16"	
RA1820-2126	1.5/16"	1.5/8"	
RA1820-2617	1.5/8"	1.1/16"	
RA1820-2621	1.5/8"	1.5/16"	
RA1820-2626	1.5/8"	1.5/8"	
RA1820-2630	1.5/8"	1.7/8"	
RA1820-3026	1.7/8"	1.5/8"	
RA1820-3030	1.7/8"	1.7/8"	
RA1820-4040*	2.1/2"	2.1/2"	


RA2040

UNO x ORFS NIPPLE

	PART NO	T 1	T 2
	RA2040-0709	7/16"	9/16"
RA2040-0909	9/16"	9/16"	
RA2040-1211	3/4"	11/16"	
RA2040-1213	3/4"	13/16"	
RA2040-1413	7/8"	13/16"	
RA2040-1416	7/8"	1"	
RA2040-1419	7/8"	1.3/16"	
RA2040-1719	1.1/16"	1.3/16"	
RA2040-2119	1.5/16"	1.3/16"	
RA2040-2123	1.5/16"	1.7/16"	
RA2040-2623	1.5/8"	1.7/16"	
RA2040-2627	1.5/8"	1.11/16"	


RA40

ORFS NIPPLE

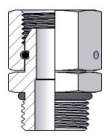
	PART NO	T 1	T 2
	RA40-0909	9/16"	9/16"
RA40-1111	11/16"	11/16"	
RA40-1313	13/16"	13/16"	
RA40-1616	1"	1"	
RA40-1919	1.3/16"	1.3/16"	
RA40-2323	1.7/16"	1.7/16"	
RA40-2727	1.11/16"	1.11/16"	

RA1876


JIC x METRIC STUD

	PART NO	T 1	T 2
	RA1876-0710	7/16"	M10x1.5
RA1876-0712	7/16"	M12x1.5	
RA1876-0912	9/16"	M12x1.5	
RA1876-0914	9/16"	M14x1.5	
RA1876-0916	9/16"	M16x1.5	
RA1876-0918	9/16"	M18x1.5	
RA1876-0920	9/16"	M20x1.5	
RA1876-1214	3/4"	M14x1.5	
RA1876-1216	3/4"	M16x1.5	
RA1876-1218	3/4"	M18x1.5	
RA1876-1220	3/4"	M20x1.5	
RA1876-1222	3/4"	M22x1.5	
RA1876-1418	7/8"	M18x1.5	
RA1876-1420	7/8"	M20x1.5	
RA1876-1422	7/8"	M22x1.5	
RA1876-1718	1.1/16"	M18x1.5	
RA1876-1720	1.1/16"	M20x1.5	
RA1876-1722	1.1/16"	M22x1.5	
RA1876-1726	1.1/16"	M26x1.5	
RA1876-1727	1.1/16"	M27x2	
RA1876-1733	1.1/16"	M33x1.5	
RA1876-2133	1.5/16"	M33x1.5	

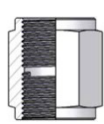
RA0120 BSPF x UNO F/M

	PART NO	T1	T2
	RA0120-0612	3/8"	3/4"
	RA0120-0812	1/2"	3/4"
	RA0120-0814	1/2"	7/8"
	RA0120-1217	3/4"	1.1/16"
	RA0120-1621	1"	1.5/16"


RA0520 JIC x UNO F/M

	PART NO	T1	T2
	RA0520-0909	9/16"	9/16"
	RA0520-0912	9/16"	3/4"
	RA0520-1209	3/4"	9/16"
	RA0520-1212	3/4"	3/4"
	RA0520-1214	3/4"	7/8"
	RA0520-1412	7/8"	3/4"
	RA0520-1414	7/8"	7/8"
	RA0520-1717	1.1/16"	1.1/16"
	RA0520-2121	1.5/16"	1.5/16"
	RA0520-2626	1.5/8"	1.5/8"


RA11 BSPT SOCKET

	PART NO	T1	T2
	RA11-0202	1/8"	1/8"
	RA11-0404	1/4"	1/4"
	RA11-0406	1/4"	3/8"
	RA11-0606	3/8"	3/8"
	RA11-0608	3/8"	1/2"
	RA11-0808	1/2"	1/2"
	RA11-1212	3/4"	3/4"
	RA11-1616	1"	1"
	RA11-2020	1.1/4"	1.1/4"
	RA11-2424	1.1/2"	1.1/2"
	RA11-3232	2"	2"

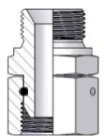
RA1118 BSPT x JIC F/M

	PART NO	T1	T2
	RA1118-0207	1/8"	7/16"
	RA1118-0407	1/4"	7/16"
	RA1118-0409	1/4"	9/16"
	RA1118-0609	3/8"	9/16"
	RA1118-0612	3/8"	3/4"
	RA1118-0809	1/2"	9/16"
	RA1118-0812	1/2"	3/4"
	RA1118-0814	1/2"	7/8"
	RA1118-0817	1/2"	1.1/16"
	RA1118-1217	3/4"	1.1/16"
	RA1118-1621	1"	1.5/16"

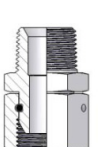
RA1205 BSPF x JIC M/F

	PART NO	T1	T2
	RA1205-0407	1/4"	7/16"
	RA1205-0409	1/4"	9/16"
	RA1205-0609	3/8"	9/16"
	RA1205-0612	3/8"	3/4"
	RA1205-0614	1/2"	7/8"
	RA1205-0809	1/2"	9/16"
	RA1205-0812	1/2"	3/4"
	RA1205-0814	3/4"	7/8"
	RA1205-0817	3/4"	1.1/16"
	RA1205-1214	1"	7/8"
	RA1205-1217	1"	1.1/16"
	RA1205-1617	1"	1.1/16"
	RA1205-1621	1"	1.5/16"
	RA1205-2026	1.1/4"	1.5/8"

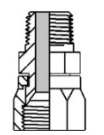
RA1201 BSPF M/F

	PART NO	T1	T2
	RA1201-0404	1/4"	1/4"
	RA1201-0406	1/4"	3/8"
	RA1201-0604	3/8"	1/4"
	RA1201-0606	3/8"	3/8"
	RA1201-0608	3/8"	1/2"
	RA1201-0806	1/2"	3/8"
	RA1201-0808	1/2"	1/2"
	RA1201-0812	1/2"	3/4"
	RA1201-1208	3/4"	1/2"
	RA1201-1212	3/4"	3/4"
	RA1201-1216	3/4"	1"
	RA1201-1612	1"	3/4"
	RA1201-1616	1"	1"
	RA1201-1620	1"	1.1/4"
	RA1201-2016	1.1/4"	1"
	RA1201-2020	1.1/4"	1.1/4"
	RA1201-2024	1.1/4"	1.1/2"
	RA1201-2420	1.1/2"	1.1/4"
	RA1201-2424	1.1/2"	1.1/2"
	RA1201-3232	2"	2"


RA1501 BSPT x BSP M/F

	PART NO	T1	T2
	RA1501-0202	1/8"	1/8"
	RA1501-0404	1/4"	1/4"
	RA1501-0406	1/4"	3/8"
	RA1501-0606	3/8"	3/8"
	RA1501-0608	3/8"	1/2"
	RA1501-0806	1/2"	3/8"
	RA1501-0808	1/2"	1/2"
	RA1501-0812	1/2"	3/4"
	RA1501-1212	3/4"	3/4"
	RA1501-1216	3/4"	1"
	RA1501-1616	1"	1"
	RA1501-2020	1.1/4"	1.1/4"

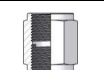
RA1505 BSPT x JIC M/F

	PART NO	T1	T2
	RA1505-0207	1/8"	7/16"
	RA1505-0407	1/4"	7/16"
	RA1505-0409	1/4"	9/16"
	RA1505-0609	3/8"	9/16"
	RA1505-0612	3/8"	3/4"
	RA1505-0614	1/2"	7/8"
	RA1505-0812	1/2"	3/4"
	RA1505-0814	3/4"	7/8"
	RA1505-0817	3/4"	1.1/16"
	RA1505-1217	1"	1.1/16"
	RA1505-1621	1"	1.5/16"
	RA1505-2026	1.1/4"	1.5/8"


RA1805 JIC M/F

	PART NO	T1	T2
	RA1805-09	9/16"	9/16"


RA19 UNO SOCKET

	PART NO	T1	T2
	RA19-1212	3/4"	3/4"
	RA19-1414	7/8"	7/8"

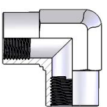
RA0120-90 BSP x UNO F/M

	PART NO	T1	T2
	RA0120-90-0814	1/2"	7/8"
RA0120-90-1217	3/4"	1.1/16"	

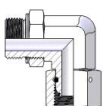
RA0520-90 JIC x UNO F/M

	PART NO	T1	T2
	RA0520-90-0909	9/16"	9/16"
RA0520-90-0912	9/16"	3/4"	
RA0520-90-1212	3/4"	3/4"	

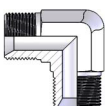
RA11-90 BSPT F/F

	PART NO	T1	T2
	RA11-90-0202	1/8"	1/8"
RA11-90-0404	1/4"	1/4"	
RA11-90-0606	3/8"	3/8"	
RA11-90-0808	1/2"	1/2"	
RA11-90-1212	3/4"	3/4"	
RA11-90-1616	1"	1"	
RA11-90-2020	1.1/4"	1.1/4"	

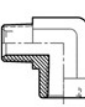
RA1201-90 BSPP x BSP M/F

	PART NO	T1	T2
	RA1201-90-0202	1/8"	1/8"
RA1201-90-0404	1/4"	1/4"	
RA1201-90-0606	3/8"	3/8"	
RA1201-90-0808	1/2"	1/2"	
RA1201-90-1212	3/4"	3/4"	
RA1201-90-1616	1"	1"	


RA15-90 BSPT M/M

	PART NO	T1	T2
	RA15-90-0202	1/8"	1/8"
RA15-90-0204	1/8"	1/4"	
RA15-90-0404	1/4"	1/4"	
RA15-90-0406	1/4"	3/8"	
RA15-90-0408	1/4"	1/2"	
RA15-90-0606	3/8"	3/8"	
RA15-90-0608	3/8"	1/2"	
RA15-90-0808	1/2"	1/2"	
RA15-90-0812	1/2"	3/4"	
RA15-90-1212	3/4"	3/4"	
RA15-90-1216	3/4"	1"	
RA15-90-1616	1"	1"	
RA15-90-1620	1"	1.1/4"	
RA15-90-2020	1.1/4"	1.1/4"	
RA15-90-2424	1.1/2"	1.1/2"	

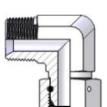
RA1511-90 BSPT M/F

	PART NO	T1	T2
	RA1511-90-0202	1/8"	1/8"
RA1511-90-0404	1/4"	1/4"	
RA1511-90-0606	3/8"	3/8"	
RA1511-90-0808	1/2"	1/2"	
RA1511-90-1212	3/4"	3/4"	
RA1511-90-1616	1"	1"	
RA1511-90-2020	1.1/4"	1.1/4"	

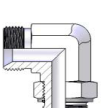
RA1218-90 BSPP x JIC M/M

	PART NO	T1	T2
	RA1218-90-0207	1/8"	7/16"
RA1218-90-0209	1/8"	9/16"	
RA1218-90-0407	1/4"	7/16"	
RA1218-90-0409	1/4"	9/16"	
RA1218-90-0412	1/4"	3/4"	
RA1218-90-0607	3/8"	7/16"	
RA1218-90-0609	3/8"	9/16"	
RA1218-90-0612	3/8"	3/4"	
RA1218-90-0614	3/8"	7/8"	
RA1218-90-0807	1/2"	7/16"	
RA1218-90-0809	1/2"	9/16"	
RA1218-90-0812	1/2"	3/4"	
RA1218-90-0814	1/2"	7/8"	
RA1218-90-0817	1/2"	1.1/16"	
RA1218-90-1212	3/4"	3/4"	
RA1218-90-1214	3/4"	7/8"	
RA1218-90-1217	3/4"	1.1/16"	
RA1218-90-1221	3/4"	1.5/16"	
RA1218-90-1617	1"	1.1/16"	
RA1218-90-1621	1"	1.5/16"	
RA1218-90-1626	1"	1.5/8"	
RA1218-90-2017	1.1/4"	1.1/16"	
RA1218-90-2021	1.1/4"	1.5/16"	
RA1218-90-2026	1.1/4"	1.5/8"	
RA1218-90-2030	1.1/4"	1.7/8"	
RA1218-90-2430*	1.1/2"	1.7/8"	


RA1501-90 BSPT x BSP M/F

	PART NO	T1	T2
	RA1501-90-0202	1/8"	1/8"
RA1501-90-0404	1/4"	1/4"	
RA1501-90-0606	3/8"	3/8"	
RA1501-90-0608	3/8"	1/2"	
RA1501-90-0806	1/2"	3/8"	
RA1501-90-0808	1/2"	1/2"	
RA1501-90-1212	3/4"	3/4"	
RA1501-90-1616	1"	1"	
RA1501-90-2020	1.1/4"	1.1/4"	
RA1501-90-2424	1.1/2"	1.1/2"	

RA1512-90 BSPT x BSPP M/M

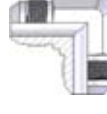
	PART NO	T1	T2
	RA1512-90-0404	1/4"	1/4"
RA1512-90-0406	1/4"	3/8"	
RA1512-90-0606	3/8"	3/8"	
RA1512-90-0808	1/2"	1/2"	
RA1512-90-1212	3/4"	3/4"	
RA1512-90-1616	1"	1"	
RA1512-90-2020	1.1/4"	1.1/4"	

RA1518-90 BSPT x JIC M/M




PART NO	T 1	T 2
RA1518-90-0207	1/8"	7/16"
RA1518-90-0208	1/8"	1/2"
RA1518-90-0209	1/8"	9/16"
RA1518-90-0407	1/4"	7/16"
RA1518-90-0408	1/4"	1/2"
RA1518-90-0409	1/4"	9/16"
RA1518-90-0412	1/4"	3/4"
RA1518-90-0607	3/8"	7/16"
RA1518-90-0609	3/8"	9/16"
RA1518-90-0612	3/8"	3/4"
RA1518-90-0614	3/8"	7/8"
RA1518-90-0807	1/2"	7/16"
RA1518-90-0809	1/2"	9/16"
RA1518-90-0812	1/2"	3/4"
RA1518-90-0814	1/2"	7/8"
RA1518-90-0817	1/2"	1.1/16"
RA1518-90-1209	3/4"	9/16"
RA1518-90-1212	3/4"	3/4"
RA1518-90-1214	3/4"	7/8"
RA1518-90-1217	3/4"	1.1/16"
RA1518-90-1221	3/4"	1.5/16"
RA1518-90-1617	1"	1.1/16"
RA1518-90-1621	1"	1.5/16"
RA1518-90-1626	1"	1.5/8"
RA1518-90-2017	1.1/4"	1.1/16"
RA1518-90-2021	1.1/4"	1.5/16"
RA1518-90-2026	1.1/4"	1.5/8"
RA1518-90-2430	1.1/2"	1.7/8"
RA1518-90-3240	2"	2.1/2"

RA18-90 JIC M/M



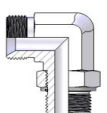
PART NO	T1	T2
RA18-90-0707	7/16"	7/16"
RA18-90-0808	1/2"	1/2"
RA18-90-0909	9/16"	9/16"
RA18-90-0912	9/16"	3/4"
RA18-90-1212	3/4"	3/4"
RA18-90-1214	3/4"	7/8"
RA18-90-1217	3/4"	7/8"
RA18-90-1414	7/8"	7/8"
RA18-90-1717	1.1/16"	1.1/16"
RA18-90-2121	1.5/16"	1.5/16"
RA18-90-2626	1.5/8"	1.5/8"
RA18-90-3030	1.7/8"	1.7/8"

RA1805-90 JIC M/F




PART NO	T1	T2
RA1805-90-0707	7/16"	7/16"
RA1805-90-0808	1/2"	1/2"
RA1805-90-0909	9/16"	9/16"
RA1805-90-1212	3/4"	3/4"
RA1805-90-1414	7/8"	7/8"
RA1805-90-1717	1.1/16"	1.1/16"
RA1805-90-2121	1.5/16"	1.5/16"
RA1805-90-2626	1.5/8"	1.5/8"
RA1805-90-3030	1.7/8"	1.7/8"
RA1805-90-4040	2.1/2"	2.1/2"

RA1520-90 BSPT x UNO M/M




PART NO	T 1	T 2
RA1520-90-0407	1/4"	7/16"
RA1520-90-0409	1/4"	9/16"
RA1520-90-0412	1/4"	3/4"
RA1520-90-0609	3/8"	9/16"
RA1520-90-0612	3/8"	3/4"
RA1520-90-0614	3/8"	7/8"
RA1520-90-0812	1/2"	3/4"
RA1520-90-0814	1/2"	7/8"
RA1520-90-0817	1/2"	1.1/16"
RA1520-90-1217	3/4"	1.1/16"
RA1520-90-1621	1"	1.5/16"

RA1618-90 NPT x JIC M/M




PART NO	T 1	T 2
RA1618-90-0207	1/8"	7/16"
RA1618-90-0407	1/4"	7/16"
RA1618-90-0409	1/4"	9/16"
RA1618-90-0609	3/8"	9/16"
RA1618-90-0612	3/8"	3/4"
RA1618-90-0812	1/2"	3/4"
RA1618-90-0814	1/2"	7/8"
RA1618-90-0817	1/2"	1.1/16"
RA1618-90-1217	3/4"	1.1/16"
RA1618-90-1621	1"	1.5/16"

RA1820-90 JIC x UNO M/M




PART NO	T 1	T 2
RA1820-90-0707	7/16"	7/16"
RA1820-90-0708	7/16"	1/2"
RA1820-90-0709	7/16"	9/16"
RA1820-90-0808	1/2"	1/2"
RA1820-90-0809	1/2"	9/16"
RA1820-90-0907	9/16"	7/16"
RA1820-90-0908	9/16"	1/2"
RA1820-90-0909	9/16"	9/16"
RA1820-90-0912	9/16"	3/4"
RA1820-90-0914	9/16"	7/8"
RA1820-90-0917	9/16"	1.1/16"
RA1820-90-1209	3/4"	9/16"
RA1820-90-1212	3/4"	3/4"
RA1820-90-1214	3/4"	7/8"
RA1820-90-1217	3/4"	1.1/16"
RA1820-90-1409	7/8"	9/16"
RA1820-90-1412	7/8"	3/4"
RA1820-90-1414	7/8"	7/8"
RA1820-90-1417	7/8"	1.1/16"
RA1820-90-1712	1.1/16"	3/4"
RA1820-90-1714	1.1/16"	7/8"
RA1820-90-1717	1.1/16"	1.1/16"
RA1820-90-1721	1.1/16"	1.5/16"
RA1820-90-2117	1.5/16"	1.1/16"
RA1820-90-2121	1.5/16"	1.5/16"
RA1820-90-2126	1.5/16"	1.5/8"
RA1820-90-2621	1.5/8"	1.5/16"
RA1820-90-2626	1.5/8"	1.5/8"
RA1820-90-2630*	1.5/8"	1.7/8"
RA1820-90-3026	1.7/8"	1.5/8"
RA1820-90-3030	1.7/8"	1.7/8"


RA2040-90 ORFS x UNO M/M

	PART NO	T 1	T 2
	RA2040-90-0709	9/16"	7/16"
	RA2040-90-0911	11/16"	9/16"
	RA2040-90-1213	13/16"	3/4"
	RA2040-90-1416	1"	7/8"
	RA2040-90-1719	1.3/16"	1.1/16"
	RA2040-90-2119	1.3/16"	1.5/16"
	RA2040-90-2123	1.7/16"	1.5/16"


RA40 ORFS M/M

	PART NO	T 1	T 2
	RA40-90-0909	9/16"	9/16"
	RA40-90-1111	11/16"	11/16"
	RA40-90-1313	13/16"	13/16"
	RA40-90-1616	1"	1"
	RA40-90-1919	1.3/16"	1.3/16"
	RA40-90-2323	1.7/16"	1.7/16"
	RA40-90-2727	1.11/16"	1.11/16"


RA4013 ORFS M/F

	PART NO	T 1	T 2
	RA4013-90-0909	9/16"	9/16"
	RA4013-90-1111	11/16"	11/16"
	RA4013-90-1313	13/16"	13/16"
	RA4013-90-1616	1"	1"
	RA4013-90-1919	1.3/16"	1.3/16"
	RA4013-90-2323	1.7/16"	1.7/16"
	RA4013-90-2727	1.11/16"	1.11/16"
RA4013-90-3232	2"	2"	

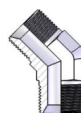
RA1218-45 BSPP x JIC M/M

	PART NO	T 1	T 2
	RA1218-45-0407	1/4"	7/16"
RA1218-45-0409	1/4"	9/16"	
RA1218-45-0609	3/8"	9/16"	
RA1218-45-0612	3/8"	3/4"	
RA1218-45-0809	1/2"	9/16"	
RA1218-45-0812	1/2"	3/4"	
RA1218-45-0814	1/2"	7/8"	
RA1218-45-1217	3/4"	1.1/16"	
RA1218-45-1617	1"	1.1/16"	
RA1218-45-1621	1"	1.5/16"	


RA1805-45 JIC M/F

	PART NO	T 1	T 2
	RA1805-45-0707	7/16"	7/16"
RA1805-45-0808	1/2"	1/2"	
RA1805-45-0909	9/16"	9/16"	
RA1805-45-1212	3/4"	3/4"	
RA1805-45-1414	7/8"	7/8"	
RA1805-45-1717	1.1/16"	1.1/16"	
RA1805-45-2121	1.5/16"	1.5/16"	
RA1805-45-2626	1.5/8"	1.5/8"	
RA1805-45-3030	1.7/8"	1.7/8"	
RA1805-45-4040	2"	2"	

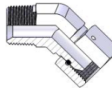
RA15-45 BSPT M/M

	PART NO	T 1	T 2
	RA15-45-0202	1/8"	1/8"
RA15-45-0404	1/4"	1/4"	
RA15-45-0606	3/8"	3/8"	
RA15-45-0608	3/8"	1/2"	
RA15-45-0808	1/2"	1/2"	
RA15-45-0812	1/2"	3/4"	
RA15-45-1212	3/4"	3/4"	
RA15-45-1616	1"	1"	


RA1820-45 JIC x UNO M/M

	PART NO	T 1	T 2
	RA1820-45-0707	7/16"	7/16"
RA1820-45-0909	9/16"	9/16"	
RA1820-45-0912	9/16"	3/4"	
RA1820-45-1209	3/4"	9/16"	
RA1820-45-1212	3/4"	3/4"	
RA1820-45-1214	3/4"	7/8"	
RA1820-45-1412	7/8"	3/4"	
RA1820-45-1414	7/8"	7/8"	
RA1820-45-1417	7/8"	1.1/16"	
RA1820-45-1714	1.1/16"	7/8"	
RA1820-45-1717	1.1/16"	1.1/16"	
RA1820-45-1721	1.1/16"	1.5/16"	
RA1820-45-2117	1.5/16"	1.1/16"	
RA1820-45-2121	1.5/16"	1.5/16"	
RA1820-45-2626	1.5/8"	1.5/8"	
RA1820-45-3030	1.7/8"	1.7/8"	


RA1501-45 BSPT x BSP M/F

	PART NO	T 1	T 2
	RA1501-45-0202	1/8"	1/8"
RA1501-45-0404	1/4"	1/4"	
RA1501-45-0606	3/8"	3/8"	
RA1501-45-0808	1/2"	1/2"	
RA1501-45-1212	3/4"	3/4"	
RA1501-45-1616	1"	1"	
RA1501-45-2020	1.1/4"	1.1/4"	


RA4013-45

	PART NO	T 1	T 2
	RA4013-45-0909	9/16"	9/16"
RA4013-45-1111	11/16"	11/16"	
RA4013-45-1313	13/16"	13/16"	
RA4013-45-1616	1"	1"	
RA4013-45-1919	1.3/16"	1.3/16"	
RA4013-45-2323	1.7/16"	1.7/16"	
RA4013-45-2727	1.11/16"	1.11/16"	
RA4013-45-3232	2"	2"	

RA1511-45 BSPT M/F


	PART NO	T 1	T 2
	RA1511-45-0808	1/2"	1/2"

RA1518-45 BSPT x JIC M/M

	PART NO	T 1	T 2
	RA1518-45-0207	1/8"	7/16"
RA1518-45-0209	1/8"	9/16"	
RA1518-45-0407	1/4"	7/16"	
RA1518-45-0409	1/4"	9/16"	
RA1518-45-0412	1/4"	3/4"	
RA1518-45-0609	3/8"	9/16"	
RA1518-45-0612	3/8"	3/4"	
RA1518-45-0809	1/2"	9/16"	
RA1518-45-0812	1/2"	3/4"	
RA1518-45-0814	1/2"	7/8"	
RA1518-45-0817	1/2"	1.1/16"	
RA1518-45-1214	3/4"	7/8"	
RA1518-45-1217	3/4"	1.1/16"	
RA1518-45-1221	3/4"	1.5/16"	
RA1518-45-1617	1"	1.1/16"	
RA1518-45-1621	1"	1.5/16"	
RA1518-45-2026	1.1/4"	1.5/8"	

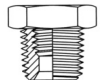
RA12R

BSPP

	PART NO	T1	T2
	RA12R-0402	1/4"	1/8"
RA12R-0602	3/8"	1/8"	
RA12R-0604	3/8"	1/4"	
RA12R-0802	1/2"	1/8"	
RA12R-0804	1/2"	1/4"	
RA12R-0806	1/2"	3/8"	
RA12R-1208	3/4"	1/2"	
RA12R-1608	1"	1/2"	
RA12R-1612	1"	3/4"	
RA12R-2016	1.1/4"	1"	
RA12R-2416	1.1/2"	1"	
RA12R-2420	1.1/2"	1.1/4"	
RA12R-3224	2"	1.1/2"	


RA15R

BSPT

	PART NO	T1	T2
	RA15R-0402	1/4"	1/8"
RA15R-0602	3/8"	1/8"	
RA15R-0604	3/8"	1/4"	
RA15R-0802	1/2"	1/8"	
RA15R-0804	1/2"	1/4"	
RA15R-0806	1/2"	3/8"	
RA15R-1204	3/4"	1/4"	
RA15R-1206	3/4"	3/8"	
RA15R-1208	3/4"	1/2"	
RA15R-1604	1"	1/4"	
RA15R-1606	1"	3/8"	
RA15R-1608	1"	1/2"	
RA15R-1612	1"	3/4"	
RA15R-2008	1.1/4"	1/2"	
RA15R-2012	1.1/4"	3/4"	
RA15R-2016	1.1/4"	1"	
RA15R-2412	1.1/2"	3/4"	
RA15R-2416	1.1/2"	1"	
RA15R-2420	1.1/2"	1.1/4"	
RA15R-3216*	2"	1"	
RA15R-3220*	2"	1.1/4"	
RA15R-3224	2"	1.1/2"	


RA18R

JIC

	PART NO	T1	T2
	RA18R-0907	9/16"	7/16"
RA18R-1207	3/4"	7/16"	
RA18R-1209	3/4"	9/16"	
RA18R-1407	7/8"	7/16"	
RA18R-1409	7/8"	9/16"	
RA18R-1412	7/8"	3/4"	
RA18R-1707	1.1/16"	7/16"	
RA18R-1709	1.1/16"	9/16"	
RA18R-1712	1.1/16"	3/4"	
RA18R-1714	1.1/16"	7/8"	
RA18R-2112	1.5/16"	3/4"	
RA18R-2114	1.5/16"	7/8"	
RA18R-2117	1.5/16"	1.1/16"	
RA18R-2617	1.5/8"	1.1/16"	
RA18R-2621	1.5/8"	1.5/16"	
RA18R-3021	1.7/8"	1.5/16"	
RA18R-3026	1.7/8"	1.5/8"	

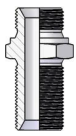
RA20R

UNO

	PART NO	T1	T2
	RA20R-0907	9/16"	7/16"
RA20R-1209	3/4"	9/16"	
RA20R-1409	7/8"	9/16"	
RA20R-1412	7/8"	3/4"	
RA20R-1714	1.1/16"	7/8"	
RA20R-2117	1.5/16"	1.1/16"	
RA20R-2617	1.5/8"	1.1/16"	
RA20R-2621	1.5/8"	1.5/16"	
RA20R-3026	1.7/8"	1.5/8"	


RA12B

BSPP

	PART NO	T1	T2
	RA12B-0404	1/4"	1/4"
	RA12B-0606	3/8"	3/8"
	RA12B-0808	1/2"	1/2"
	RA12B-1212	3/4"	3/4"
	RA12B-1616	1"	1"
	RA12B-2020	1.1/4"	1.1/4"
	RA12B-2424	1.1/2"	1.1/2"


RA1418B

NPT x JIC

	PART NO	T1	T2
	RA1418B-0207	1/8"	7/16"


RA18B

JIC

	PART NO	T1	T2
	RA18B-0707	7/16"	7/16"
	RA18B-0808	1/2"	1/2"
	RA18B-0909	9/16"	9/16"
	RA18B-1212	3/4"	3/4"
	RA18B-1414	7/8"	7/8"
	RA18B-1717	1.1/16"	1.1/16"
	RA18B-2121	1.5/16"	1.5/16"
	RA18B-2626	1.5/8"	1.5/8"
RA18B-3030	1.7/8"	1.7/8"	


RA18B-90

JIC 90*

	PART NO	T1	T2
	RA18B-90-0707	7/16"	7/16"
	RA18B-90-0808	1/2"	1/2"
	RA18B-90-0909	9/16"	9/16"
	RA18B-90-1212	3/4"	3/4"
	RA18B-90-1414	7/8"	7/8"
	RA18B-90-1717	1.1/16"	1.1/16"
	RA18B-90-2121	1.5/16"	1.5/16"
RA18B-90-2626	1.5/8"	1.5/8"	


RA18BTB

JIC BULKHEAD BRANCH TEE

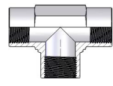
	PART NO	T1	T2
	RA18BTB-09	9/16"	9/16"

RA18BTR


JIC BULKHEAD RUN TEE

	PART NO	T1	T2
	RA18BTR-09	9/16"	9/16"

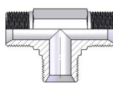
RA11 BSPT F/F/F

	PART NO	T1/T2/T3
	RA11-020202	1/8"
	RA11-040404	1/4"
	RA11-060606	3/8"
	RA11-080808	1/2"
	RA11-121212	3/4"
	RA11-161616	1"
	RA11-202020	1.1/4"
	RA11-242424	1.1/2"


RA181805 JIC BRANCH TEE

	PART NO	T1
	RA181805-07	7/16"
	RA181805-09	9/16"
	RA181805-12	3/4"
	RA181805-14	7/8"
	RA181805-17	1.1/16"
	RA181805-21	1.5/16"
	RA181805-26	1.5/8"
	RA181805-30	1.7/8"

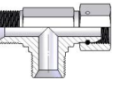
RA15 BSPT M/M/M

	PART NO	T1/T2/T3
	RA15-020202	1/8"
	RA15-040404	1/4"
	RA15-060606	3/8"
	RA15-080808	1/2"
	RA15-121212	3/4"
	RA15-161616	1"
	RA15-202020	1.1/4"
	RA15-242424	1.1/2"


RA181812 JIC x BSPP BRANCH TEE

	PART NO	T1/T2	T3
	RA181812-121208	3/4"	1/2"

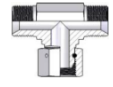
RA150115 BSP RUN TE

	PART NO	T1/T2/T3
	RA150115-04	1/4"
	RA150115-06	3/8"
	RA150115-08	1/2"
	RA150115-12	3/4"
	RA150115-16	1"
	RA150115-20	1.1/4"


RA181820 JIC x UNO BRANCH TEE

	PART NO	T1/T2/T3
	RA181820-07	7/16"
	RA181820-09	9/16"
	RA181820-12	3/4"
	RA181820-14	7/8"
RA181820-17	1.1/16"	


RA151501 BSP BRANCH TEE

	PART NO	T1/T2/T3
	RA151501-04	1/4"
	RA151501-06	3/8"
	RA151501-08	1/2"
	RA151501-12	3/4"
RA151501-16	1"	


RA182018 JIC x UNO RUN TEE

	PART NO	T1/T2/T3
	RA182018-12	3/4"


RA18 JIC M/M/M

	PART NO	T1
	RA18-070707	7/16"
	RA18-080808	1/2"
	RA18-090909	9/16"
	RA18-121212	3/4"
	RA18-141414	7/8"
	RA18-171717	1.1/16"
	RA18-212121	1.5/16"
	RA18-262626	1.5/8"
	RA18-303030	1.7/8"


RA40 ORFS M/M/M TEE

	PART NO	T1/T2/T3
	RA40-131313	13/16"

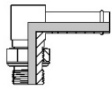
RA180518 JIC BRANCH TEE

	PART NO	T1
	RA180518-07	7/16"
	RA180518-08	1/2"
	RA180518-09	9/16"
	RA180518-12	3/4"
	RA180518-14	7/8"
	RA180518-17	1.1/16"
	RA180518-21	1.5/16"
	RA180518-26	1.5/8"
RA180518-30	1.7/8"	


RA401340 ORFS RUN TEE

	PART NO	T1/T2/T3
	RA401340-09	9/16"
	RA401340-11	11/16"
	RA401340-13	13/16"
	RA401340-16	1"
	RA401340-19	1.3/16"
RA401340-23	1.7/16"	

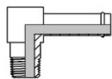
RA12S-90 BSPP x LP TAIL 90*

	PART NO	T1	TAIL
	RA12S-90-1616	1"	1"
	RA12S-90-1620*	1"	1.1/4"

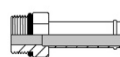
RA15S BSPT x LP TAIL

	PART NO	T1	TAIL
	RA15S-0808	1/2"	1/2"
	RA15S-0810	1/2"	5/8"
	RA15S-0812	1/2"	3/4"
	RA15S-1212	3/4"	3/4"
	RA15S-1216	3/4"	1"
	RA15S-1220	3/4"	1.1/4"
	RA15S-1612	1"	3/4"
	RA15S-1616	1"	1"
	RA15S-1620	1"	1.1/4"
	RA15S-1624	1"	1.1/2"
	RA15S-2016	1.1/4"	1"
	RA15S-2020	1.1/4"	1.1/4"
	RA15S-2024	1.1/4"	1.1/2"
	RA15S-2420	1.1/2"	1.1/4"
	RA15S-2424	1.1/2"	1.1/2"
	RA15S-3232	2"	2"

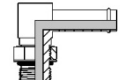
RA15S-90 BSPT x LP TAIL 90*

	PART NO	T1	TAIL
	RA15S-90-0808	1/2"	1/2"
	RA15S-90-0810	1/2"	5/8"
	RA15S-90-0812	1/2"	3/4"
	RA15S-90-1208	3/4"	1/2"
	RA15S-90-1212	3/4"	3/4"
	RA15S-90-1216	3/4"	1"
	RA15S-90-1220	3/4"	1.1/4"
	RA15S-90-1612	1"	3/4"
	RA15S-90-1616	1"	1"
	RA15S-90-1620	1"	1.1/4"
	RA15S-90-1624	1"	1.1/2"
	RA15S-90-2016	1.1/4"	1"
	RA15S-90-2020	1.1/4"	1.1/4"
	RA15S-90-2024	1.1/4"	1.1/2"
	RA15S-90-2420	1.1/2"	1.1/4"
	RA15S-90-2424	1.1/2"	1.1/2"
RA15S-90-3232	2"	2"	


RA20S UNO x LP TAIL

	PART NO	T1	TAIL
	RA20S-1712	1.1/16"	3/4"
	RA20S-1716	1.1/16"	1"
	RA20S-2116	1.5/16"	1"
	RA20S-2120	1.5/16"	1.1/4"
	RA20S-2620	1.5/8"	1.1/4"
	RA20S-2624	1.5/8"	1.1/2"
	RA20S-3024	1.7/8"	1.1/2"


RA20S-90 UNO x LP TAIL 90*

	PART NO	T1	TAIL
	RA20S-1712	1.1/16"	3/4"
	RA20S-1716	1.1/16"	1"
	RA20S-2112	1.5/16"	3/4"
	RA20S-2116	1.5/16"	1"
	RA20S-2120	1.5/16"	1.1/4"
	RA20S-2620	1.5/8"	1.1/4"
	RA20S-2624	1.5/8"	1.1/2"
	RA20S-3024	1.7/8"	1.1/2"


RAFC61 CODE 61 CLAMP

	PART NO	SIZE
	RAFC61-08	1/2"
	RAFC61-12	3/4"
	RAFC61-16	1"
	RAFC61-20	1.1/4"
	RAFC61-24	1.1/2"
	RAFC61-32	2"


RAFC62 CODE 62 CLAMP

	PART NO	SIZE
	RAFC62-08	1/2"
	RAFC62-12	3/4"
	RAFC62-16	1"
	RAFC62-20	1.1/4"
	RAFC62-24	1.1/2"
	RAFC62-32	2"


RBB BSP BANJO BOLT

	PART NO	THREAD
	RBB-04	1/4"
	RBB-06	3/8"
	RBB-08	1/2"
	RBB-12	3/4"
	RBB-16	1"


RBBM METRIC BANJO BOLT

	PART NO	THREAD
	RBBM-10	M10x1
	RBBM-12	M12x1.5
	RBBM-14	M14x1.5
	RBBM-16	M16x1.5
	RBBM-18	M18x1.5
	RBBM-20	M20x1.5
	RBBM-22	M22x1.5
	RBBM-26	M26x1.5
	RBBM-30*	M30x1.5


RT05N JIC TUBE NUT

	PART NO	THREAD
	RT05N-07	7/16"
	RT05N-08	1/2"
	RT05N-09	9/16"
	RT05N-12	3/4"
	RT05N-14	7/8"
	RT05N-17	1.1/16"
	RT05N-21	1.5/16"
	RT05N-26	1.5/8"
	RT05N-30*	1.7/8"


RT05S JIC TUBE SLEEVE

	PART NO	TUBE
	RT05S-07	1/4"
	RT05S-08	5/16"
	RT05S-09	3/8"
	RT05S-12	1/2"
	RT05S-14	5/8"
	RT05S-17	3/4"
	RT05S-21	1"
	RT05S-26	1.1/4"
	RT05S-30*	1.1/2"


RTW05 JIC F TUBEWELD

	PART NO	TUBE	THREAD
	RTW05-0407	1/4"	7/16"
	RTW05-0609	3/8"	9/16"
	RTW05-0812	1/2"	3/4"
	RTW05-0814*	1/2"	7/8"
	RTW05-1014	5/8"	7/8"
	RTW05-1214*	3/4"	7/8"
	RTW05-1217	3/4"	1.1/16"
	RTW05-1621	1"	1.5/16"
	RTW05-2026	1.1/4"	1.5/8"
	RTW05-2430*	1.1/2"	1.7/8"


RTW18 JIC M TUBEWELD

	PART NO	TUBE	THREAD
	RTW18-0407	1/4"	7/16"
	RTW18-0609	3/8"	9/16"
	RTW18-0812	1/2"	3/4"
	RTW18-1014	5/8"	7/8"
	RTW18-1217	3/4"	1.1/16"
	RTW18-1621	1"	1.5/16"
	RTW18-2026	1.1/4"	1.5/8"
	RTW18-2430*	1.1/2"	1.7/8"


DS BSPP DOWTY SEAL

	PART NO	SIZE
	DS-02	1/8"
	DS-04	1/4"
	DS-06	3/8"
	DS-08	1/2"
	DS-12	3/4"
	DS-16	1"
	DS-20	1.1/4"
	DS-24	1.1/2"
	DS-32	2"


DSM METRIC DOWTY SEAL

	PART NO	SIZE
	DSM-8	M8
	DSM-10	M10
	DSM-12	M12
	DSM-14	M14
	DSM-16	M16
	DSM-18	M18
	DSM-20	M20
	DSM-22	M22
	DSM-24	M24
	DSM-26	M26
	DSM-28	M28
	DSM-30	M30
	DSM-33	M33
	DSM-36	M36


RO UNO O-RING

	PART NO	SIZE
	RO-07	7/16"
	RO-08	1/2"
	RO-09	9/16"
	RO-12	3/4"
	RO-14	7/8"
	RO-17	1.1/16"
	RO-21	1.5/16"
	RO-26	1.5/8"
	RO-30	1.7/8"
RO-40	2.1/2"	

ROF FLANGE O-RING

	PART NO	SIZE
	ROF-08	1/2"
	ROF-12	3/4"
	ROF-16	1"
	ROF-20	1.1/4"
	ROF-24	1.1/2"
	ROF-32	2"

ROFS ORFS O-RING

	PART NO	SIZE
	ROFS-09	9/16"
	ROFS-11	11/16"
	ROFS-13	13/16"
	ROFS-16	1"
	ROFS-19	1.3/16"
	ROFS-23	1.7/16"
	ROFS-27	1.11/16"
	ROFS-32	2"

QUICK RELEASE COUPLERS

ITEM	DESCRIPTION	PAGE NO.
CROSS REFERENCE		46
RQRA	ISO A	47
RQRA-PP	PUSH PULL POPPET TYPE	47
RQRB	ISO B	48
RQRV	ISO 7241-1	49
RQRS	ISO A BALL TYPE	50
RQRS-PP	PUSH PULL BALL TYPE	50
RQFF	ISO 16028 FLAT FACE	
RQFF-PC	ISO 16028 CONNECT UNDER PRESSURE	
RQRJ	JACKING COUPLER	
RQRT	TEMA INTERCHANGE	
RQPBR	PBR INTERCHANGE	

**THERE ARE MANY MORE THREADS, BODY STYLES, CAPS, PLUGS AND SEAL KITS
AVAILABLE ON REQUEST.
PLEASE CALL MHS FOR FURTHER INFORMATION ON ANY PRODUCTS THAT ARE
NOT SHOWN WITHIN THIS CATALOGUE.**

COUPLERS

MHS	DNP	FASTER	AEROQUIP	HANSEN	PARKER	SAFEWAY	CEJN
RQRA	PAV	ANV	5600	HA 15000	6600	S56	X95
RQRS	PDS	NS			4000	S40	
RQRV	PDV	NV			4000	S20-P	
RQRB	PBV	H	FD45	HK	H	S10	X75
RQRS-PP	PPS	PS			4200	S40	
RQRA-PP	PPV	PV			4200	S40	
RQFF	PLT	FFI/FFJ	FD49	QA29000	FE-FF3/8	FF49	X62
RQRJ	PVM	PVVM		WA56000	3000	S30	
RQRA-PC	PKK	3NV					
RQRT					T		525
RQFF-PC	PLK	3FFI					
RQPBR		NZ					

MHS	SNAPTITE	STUCCHI	FLUID CONNECTORS	RYCO
RQRA	61	BIR	QRM/F-BPF	RA80/81/82
RQRS	21	IR		R91
RQRV	60	IRV	QRM/F-DIN	R80/81/82
RQRB	72	IRB steel	QRM/F-BPF**B	
RQRS-PP	61	IRS12A		R91**P
RQRA-PP		IRS12VA	QRF-PC-BPF	RA81**P
RQFF	74	FIRG	QFM/F-BPF-HD	R110
RQRJ	76	IVHP	QJM/F-NTM/F	R100
RQRA-PC	68/63	M.BIR12 PC	QRM/F-BPF-PC	R81-CPM
RQRT		IRH	QRM/F-TEM	R130
RQFF-PC		APM	QFM BPF-PC	
RQPBR		IRN	QRM/F-PBR	

This cross reference is intended as a reference only. It is up to the customer to confirm that different manufacturers couplers will match. Please confirm before ordering.



RQRA

ISO A COUPLER

PART NO FEMALE	THREAD
RQRA-F-04	1/4" BSPF
RQRA-F-06	3/8" BSPF
RQRA-F-08	1/2" BSPF
RQRA-F-12	3/4" BSPF
RQRA-F-16	1" BSPF
RQRA-F-20	1.1/4" BSPF

PART NO MALE	THREAD
RQRA-M-04	1/4" BSPF
RQRA-M-06	3/8" BSPF
RQRA-M-08	1/2" BSPF
RQRA-M-0812UN	3/4" UNF
RQRA-M-0814UN	7/8" UNF
RQRA-M-12	3/4" BSPF
RQRA-M-16	1" BSPF
RQRA-M-20	1.1/4" BSPF



RQRA-PP

ISO A PUSH PULL COUPLER

PART NO FEMALE	THREAD
RQRA-PP-F-08	1/2" BSPF
RQRA-PP-F-0812UN*	3/4" UNF

PART NO MALE	THREAD
RQRA-M-08	1/2" BSPF
RQRA-M-0812UN*	3/4" UNF

DUST CAP & PLUG

PART NO CAP
RQAC-04
RQAC-06
RQAC-08
RQAC-12
RQAC-16

PART NO PLUG
RQAP-04
RQAP-06
RQAP-08
RQAP-12
RQAP-16

TECHNICAL INFORMATION

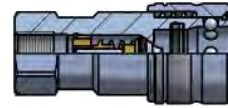
STANDARD: ISO 7241-1 A (ISO A) POPPET

MATERIAL: STEEL, Zn-Fe(CRIII) FINISH. ALSO AVAILABLE IN 316 STAINLESS

SEALS: NBR STANDARD, OTHERS AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M	MAX FLOW RATE L/M
RQRA-04	350	12	24
RQRA-06	350	23	46
RQRA-08	250	45	90
RQRA-12	250	106	220
RQRA-16	200	189	260
RQRA-20	200	288	480
RQRA-24	190	379	757
RQRA-32	160	757	1000



RORB

ISO B COUPLER

PART NO FEMALE	THREAD BSPF
RORB-F-04	1/4"
RORB-F-06	3/8"
RORB-F-08	1/2"
RORB-F-12	3/4"
RORB-F-16	1"

PART NO MALE	THREAD BSPF
RORB-M-04	1/4"
RORB-M-06	3/8"
RORB-M-08	1/2"
RORB-M-12	3/4"
RORB-M-16	1"

DUST CAP & PLUG

PART NO CAP
RQBC-04
RQBC-06
RQBC-08
RQBC-12
RQBC-16

PART NO PLUG
RQBP-04
RQBP-06
RQBP-08
RQBP-12
RQBP-16

TECHNICAL INFORMATION

STANDARD: ISO 7241-1 B (ISO B) POPPET

MATERIAL: STEEL, Zn-Fe(CRIII) FINISH. ALSO AVAILABLE IN BRASS & 316 STAINLESS

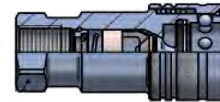
SEALS: NBR STANDARD, OTHERS AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M	MAX FLOW RATE L/M
RORB-04	250	12	24
RORB-06	250	23	46
RORB-08	250	45	90
RORB-12	250	106	220
RORB-16	200	189	260
RORB-24	63	379	757
RORB-32	50	757	1000

RQRV

ISO 7241 COUPLER



PART NO FEMALE	THREAD
RQRV-F-04	1/4"
RQRV-F-06	3/8"
RQRA-F-08	1/2"
RQRV-F-12	3/4"
RQRV-F-16	1"
RQRV-F-20	1.1/4"

PART NO MALE	THREAD
RQRV-M-04	1/4" BSPF
RQRV-M-06	3/8" BSPF
RQRA-M-08	1/2" BSPF
RQRV-M-12	3/4"
RQRV-M-16	1"
RQRV-M-20	1.1/4"

USE PART NUMBER RQRA WHEN ORDERING 1/2" COUPLERS

DUST CAP & PLUG

PART NO CAP
RQVC-04
RQVC-06
RQAC-08
RQVC-12
RQVC-16

PART NO PLUG
RQVP-04
RQVP-06
RQAP-08
RQVP-12
RQVP-16

TECHNICAL INFORMATION

STANDARD: ISO 7241 POPPET

MATERIAL: STEEL, Zn-Fe(CRIII) FINISH. ALSO AVAILABLE IN 316 STAINLESS

SEALS: NBR STANDARD, OTHERS AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M	MAX FLOW RATE L/M
RQRV-04	350	12	24
RQRV-06	350	23	46
RQRA-08	250	45	90
RQRV-12	250	106	190
RQRV-16	200	180	250
RQRV-20	200	288	480
RQRV-24	190	379	700
RQRV-32	160	757	1000

RQRS

ISO 7241 BALL TYPE COUPLER



PART NO FEMALE	THREAD
RQRS-F-06	3/8" BSPF
RQRS-F-08	1/2" BSPF

PART NO MALE	THREAD
RQRS-M-06	3/8" BSPF
RQRS-M-08	1/2" BSPF
RQRS-M-0812UN	3/4" UNF

RQRS-PP

BALL TYPE PUSH PULL COUPLER



PART NO FEMALE	THREAD
RQRS-PP-F-08	1/2" BSPF
RQRS-PP-F-0812UN*	3/4" UNF

PART NO MALE	THREAD
RQRS-M-08	1/2" BSPF
RQRS-M-0812UN*	3/4" UNF

DUST CAP & PLUG

PART NO CAP
RQVC-04
RQVC-06
RQAC-08
RQVC-12
RQVC-16

PART NO PLUG
RQVP-04
RQVP-06
RQAP-08
RQVP-12
RQVP-16

TECHNICAL INFORMATION

STANDARD: ISO 724 BALL

MATERIAL: STEEL, Zn-Fe(CRIII) FINISH.

SEALS: NBR STANDARD, OTHERS AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M	MAX FLOW RATE L/M
RQRS-04	300	12	20
RQRS-06	250	23	35
RQRS-08	200	30	55
RQRS-12	200	60	120
RQRS-16	200	80	160

RQFF

ISO 16028 FLAT FACE



PART NO FEMALE	THREAD
RQFF-F-0404	1/4" BSPF
RQFF-F-0606	3/8" BSPF
RQFF-F-0608	1/2" BSPF
RQFF-F-0808	1/2" BSPF
RQFF-F-0812	3/4" BSPF
RQFF-F-0812UN	3/4" UNF
RQFF-F-0814UN	7/8" UNF
RQFF-F-081640B	1" ORFS BULKHD
RQFF-F-1012	3/4" BSPF
RQFF-F-1014UN	7/8" UNF
RQFF-F-101640B	1" ORFS BULKHD
RQFF-F-1212	3/4" BSPF
RQFF-F-1216	1" BSPF
RQFF-F-1620	1.1/4" BSPF

PART NO MALE	THREAD
RQFF-M-0404	1/4" BSPF
RQFF-M-0606	3/8" BSPF
RQFF-M-0608	1/2" BSPF
RQFF-M-0808	1/2" BSPF
RQFF-M-0812	3/4" BSPF
RQFF-M-0812UN	3/4" UNF
RQFF-M-0814UN	7/8" UNF
RQFF-M-081340B	1" ORFS BULKHD
RQFF-M-1012	3/4" BSPF
RQFF-M-1014UN	7/8" UNF
RQFF-M-081640B	1" ORFS BULKHD
RQFF-M-1212	3/4" BSPF
RQFF-M-1216	1" BSPF
RQFF-M-1620	1.1/4" BSPF

RQFF-PC

ISO 16028 FLAT FACE CONNECT UNDER PRESSURE



PART NO MALE	THREAD
RQFF-PC-M-0808	1/2" BSPF

350 BAR COUPLER

DUST CAP & PLUG

PART NO CAP
RQFC-04
RQFC-06
RQFC-08
RQFC-12
RQFC-16

PART NO PLUG
RQFP-04
RQFP-06
RQFP-08
RQFP-12
RQFP-16

TECHNICAL INFORMATION

STANDARD: ISO 16028

MATERIAL: STEEL, Zn-Fe(CRIII) FINISH. ALSO AVAILABLE IN 316 STAINLESS

SEALS: NBR STANDARD, OTHERS AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M	MAX FLOW RATE L/M
RQFF-04	300	12	24
RQFF-06	250	23	46
RQFF-08	250	45	90
RQFF-10	350	74	150
RQFF-12	250	100	200
RQFF-16	250	189	280
RQFF-24	250	379	700
RQFF-32	250	757	1000

RQRJ

JACKING COUPLER



PART NO FEMALE	THREAD
RQRJ-F-04N	1/4" NPT M
RQRJ-F-06N	3/8" NPT M

PART NO MALE	THREAD
RQRJ-M-04N	1/4" NPT F
RQRJ-M-06N	3/8" NPT F

DUST CAP & PLUG

PART NO CAP
RQJC-04
RQJC-06

PART NO PLUG
RQJP-04
RQJP-06

TECHNICAL INFORMATION

STANDARD: JACKING

MATERIAL: STEEL, Zn-Fe(CRIII) FINISH. RQRJ-06 ALSO AVAILABLE IN 316 STAINLESS

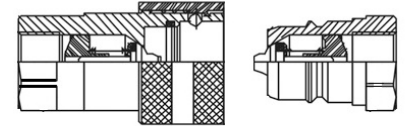
SEALS: NBR STANDARD, OTHERS AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M	MAX FLOW RATE L/M
RQRJ-04	700	5	10
RQRJ-06	1000	10	20

RQPBR

PBR TRUCK COUPLER



PART NO FEMALE	THREAD
RQPBR-F-16	1" BSPF

PART NO MALE	THREAD
RQPBR-M-16	1" BSPF

DUST CAP & PLUG

PART NO CAP
RQPC-04

PART NO PLUG
RQPP-04

TECHNICAL INFORMATION

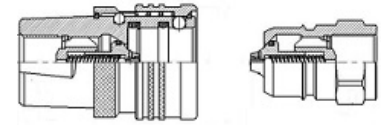
STANDARD: PBR INTERCHANGE

MATERIAL: STEEL, ZINC PASSIVATION FINISH.

SEALS: NBR

WORKING TEMP: -20°C +100°C

COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M
RQPBR-16	241	283



RQRT

TEMA INTERCHANGE COUPLER

PART NO FEMALE	THREAD BSPF
RQRT-F-04	1/4"
RQRT-F-06	3/8"
RQRT-F-08	1/2"
RQRT-F-12	3/4"
RQRT-F-16	1"
UNVALVED COUPLERS	
RQRT-FUV-06	3/8"

PART NO MALE	THREAD BSPF
RQRT-M-04	1/4"
RQRT-M-06	3/8"
RQRT-M-08	1/2"
RQRT-M-12	3/4"
RQRT-M-16	1"
UNVALVED COUPLERS	
RQRT-MUV-06	3/8"

DUST CAP & PLUG

PART NO CAP
RQTC-04
RQTC-06
RQTC-08
RQTC-12
RQPC-16

PART NO PLUG
RQTP-04
RQTP-06
RQTP-08
RQTP-12
RQPP-16

TECHNICAL INFORMATION

STANDARD: TEMA INTERCHANGE

MATERIAL: STEEL, ZINC PASSIVATION FINISH. ALSO AVAILABLE IN 316 STAINLESS

SEALS: NBR STANDARD, OTHERS AVAILABLE ON REQUEST

WORKING TEMP: -30°C +100°C

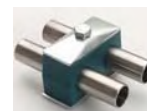
COUPLER SIZE	MAX WORKING PRESSURE BAR	RATED FLOW L/M	CAP/PLUG PAGE 66
RQRT-04	450	29	RQPC/P
RQRT-06	350	69	RQPC/P
RQRT-08	300	122	RQPC/P
RQRT-12	280	250	RQPC/P
RQRT-16	250	425	RQPC/P

TUBE CLAMPS

SINGLE CLAMPS



TWIN CLAMPS



RTCS TUBE CLAMP SINGLE

PART NO	SIZE MM	GROUP
RTCS-6.4	6.4MM	1
RTCS-9.5	9.5MM	1
RTCS-10	10MM	1
RTCS-12	12MM	1
RTCS-12.7	12.7MM	2
RTCS-14	14MM	2
RTCS-16	16MM	2
RTCS-17	17MM	2
RTCS-18	18MM	2
RTCS-19	19MM	3
RTCS-21.5	21.5MM	3
RTCS-25	25MM	3
RTCS-28	28MM	4
RTCS-30	30MM	4
RTCS-32	32MM	5
RTCS-33.7	33.7MM	5
RTCS-35	35MM	5
RTCS-38	38MM	5
RTCS-42	42MM	5

RTCT TUBE CLAMP DOUBLE

PART NO	SIZE MM	GROUP
RTCT-6.4	6.4MM	1
RTCT-9.5	9.5MM	1
RTCT-10	10MM	1
RTCT-12	12MM	1
RTCT-12.7	12.7MM	2
RTCT-14	14MM	2
RTCT-16	16MM	2
RTCT-17	17MM	2
RTCT-18	18MM	2
RTCT-19	19MM	3
RTCT-21.5	21.5MM	3
RTCT-25	25MM	3
RTCT-28	28MM	4
RTCT-30	30MM	4
RTCT-32	32MM	5
RTCT-33.7	33.7MM	5
RTCT-35	35MM	5
RTCT-38	38MM	5
RTCT-42	42MM	5

SP STACKING PLATE SINGLE

PART NO	GROUP
SP1	1
SP2	2
SP3	3
SP4	4
SP5	5

SPT STACKING PLATE TWIN

PART NO	GROUP
SPT1	1
SPT2	2
SPT3	3
SPT4	4
SPT5	5

STB STACKING BOLT SINGLE

PART NO	GROUP
STB1	1
STB2	2
STB3	3
STB4	4
STB5	5

STBT STACKING BOLT TWIN

PART NO	GROUP
STBT1	1
STBT2	2
STBT3	3
STBT4	4
STBT5	5

RNT RAIL NUT

PART NO	THREAD
RNT11	M6
RNT14	M8

TS RAIL

PART NO	THREAD
TS11	M6
TS14	M8

INSTALLATION

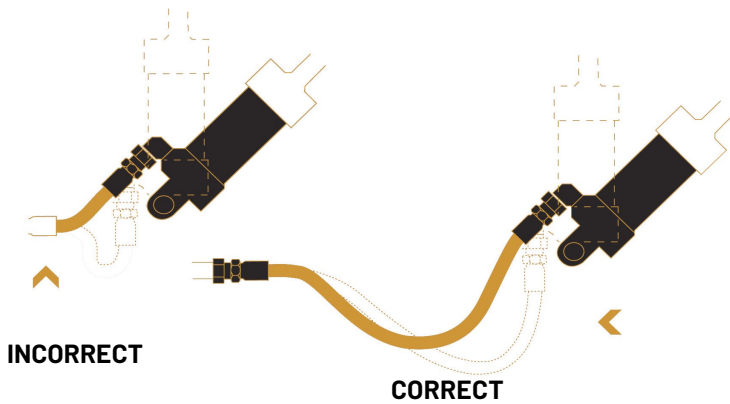
HOSE INSTALLATION RECOMMENDED PROCEDURE

Lengths: Too long, hose can cause pressure drop and effect system performance. Too short, hose can pull from fittings or cause seal failure.

WARNING: No hose can be relied on if not correctly assembled.

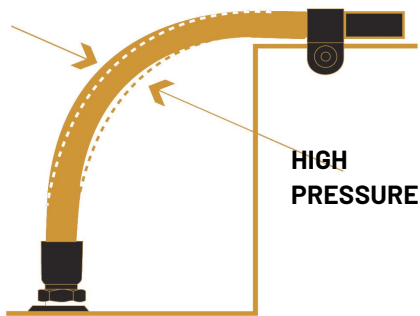
1. Use correct hose for each application
2. Never allow hose to pull
3. Never twist hose
4. Never install hose where temperature, rubbing or abrasion are excessive.

Motion Absorption: Provide correct length to distribute movement

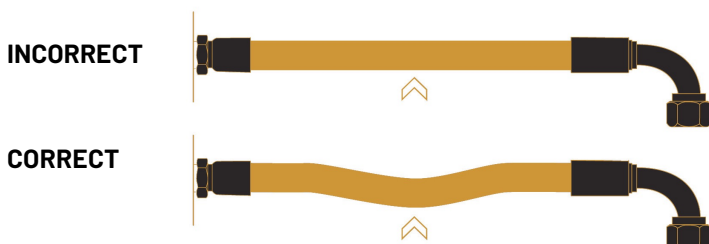


Correct length for pressure changes: Provide enough length to accommodate for changing pressures

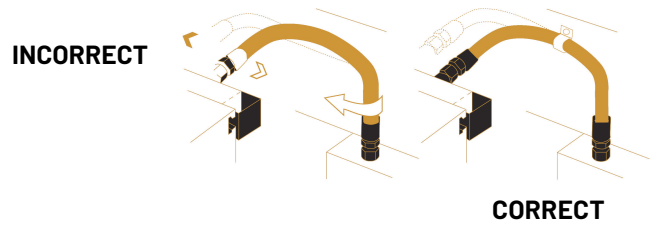
NO PRESSURE



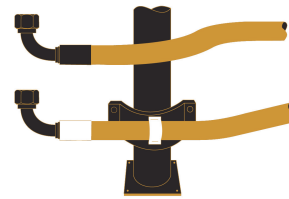
Hose pressure & machine tolerances: Provide enough length to accommodate changing pressures & movement.



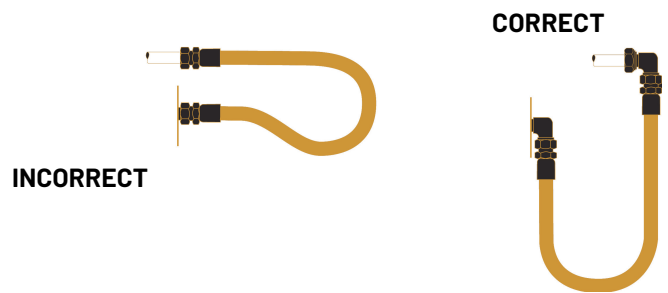
Prevent hose bending in more than one place: if hose follows a different bend, clamp it to separate sections, or clamp so it will flex in only one section.



Hose routing example: when hose is subject to high temperatures, keep away from area, or insulate.



Hose routing example: When hose radius is required to be at a minimum length, use adaptors or appropriate hose tails.



METRIC / PSI

1 BAR = 14.5psi

BAR	Mpa	kPa	psi
40	4	4000	580
50	5	5000	725
60	6	6000	870
70	7	7000	1015
80	8	8000	1160
90	9	9000	1305
100	10	10000	1450
200	20	20000	2900
300	30	30000	4350
400	40	40000	5800
500	50	50000	7250
600	60	60000	8700
700	70	70000	10150
800	80	80000	11600
900	90	90000	13050
1000	100	100000	14500
2000	200	200000	29000
3000	300	300000	43500

METRIC THREAD TO TUBE SIZE

METRIC LIGHT

THREAD	TUBE
M12x1.5	6L
M14x1.5	8L
M16x1.5	10L
M18x1.5	12L
M22x1.5	15L
M26x1.5	18L
M30x2	22L
M36x2	28L
M45x2	35L
M52x2	42L

METRIC HEAVY

THREAD	TUBE
M14x1.5	6S
M16x1.5	8S
M18x1.5	10S
M20x1.5	12S
M22x1.5	14S
M24x1.5	16S
M30x2	20S
M36x2	25S
M42x2	30S
M52x2	38S



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