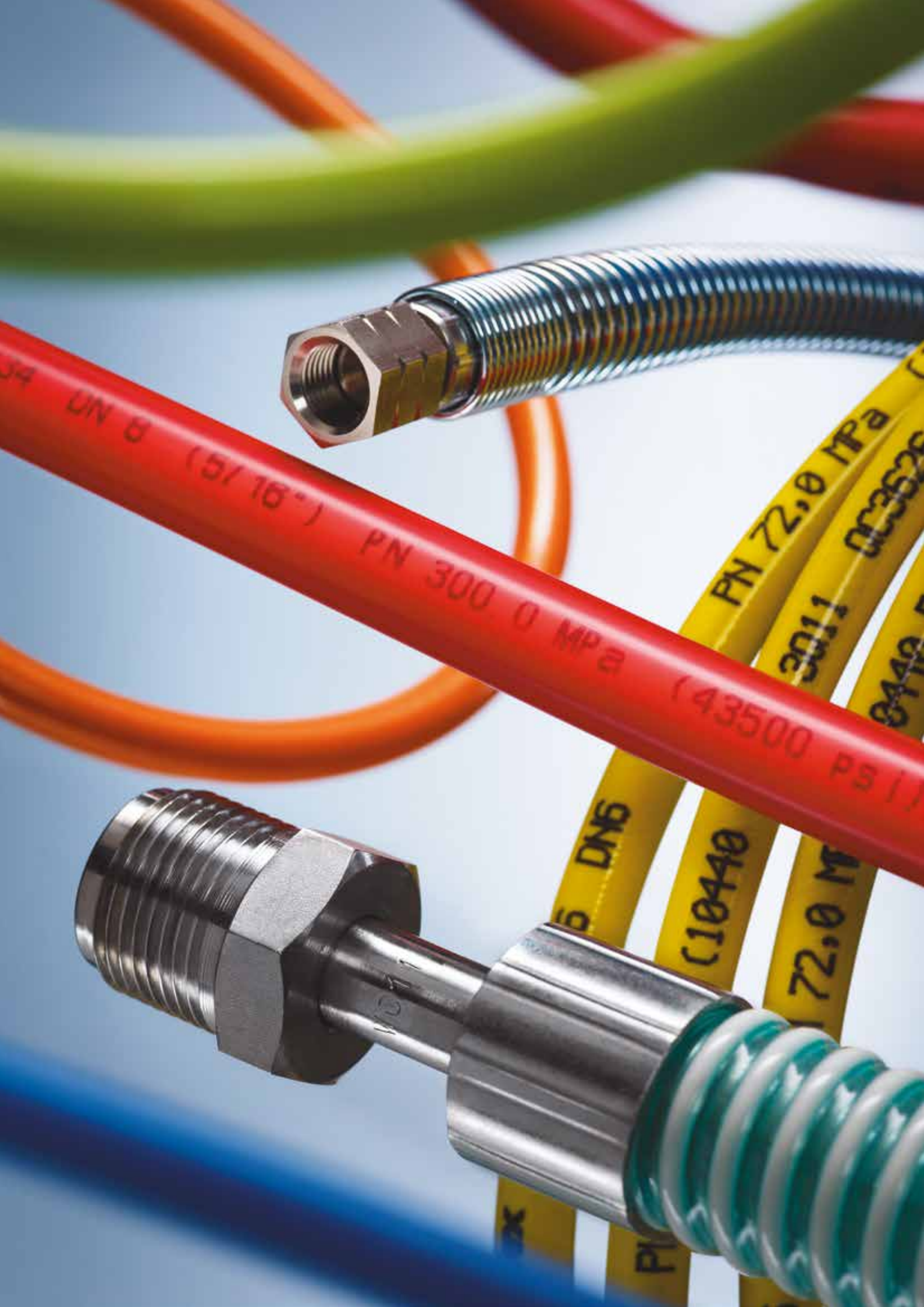

UN 8 (5/16") PN 300 0 MPa (43500 PSI)
PN 72,0 MPa
DN6
(10440

THERMOPLASTIC

THERMOPLASTIC HOSE

Wherever there's a technical challenge - or simply a tough job to do - thermoplastic hose is often the answer. Extreme pressures or temperatures? Maximum robustness? Special custom designs? With unique features and outstanding performance characteristics, Abdex thermoplastic hose can outperform the most tried and tested traditional alternatives. Abdex are fully certified by Parker Polyflex to crimp and test hoses up to 4000 bar working pressure.

ADVANTAGES

Abdex thermoplastic hoses come with a long list of valuable qualities. They're tough, resistant to abrasion (inside and out) and chemically inert. They can work at operating temperatures from -50˚C to 230˚C, always maintaining full working pressure.

Abdex thermoplastic hoses are lightweight, with smaller outside diameters, and they're easy to route in tight spots. They're easy to cut, with clean, contamination-free cuts. They have low volumetric expansion, for less energy loss and faster hydraulic response. They won't degrade in storage, and they're UV resistant, which means they have a long shelf life and a longer working life. They're resistant to ozone, seawater, acids and alkalis. And they come in any colour you like, in lengths as much as 5,000m. They're easy to pre-form, and easily ink-jet printed.

APPLICATIONS

Abdex offers a complete range of thermoplastic hose assemblies to cover many applications including: hydraulic fluid lines, water jetting and blasting, 10,000 psi jacking, torque wrench hoses, and more. Offering many different types of thermoplastic hose from stock, Abdex can respond to the most demanding requirements promptly.



THERMOPLASTIC HOSE

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QUICK REFERENCE
HYDRAULIC & WATER JETTING

DN3

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
3130-02	-02	3.0	1/8	8.5	172	2,500	689	10,000	13.0	0.04	-	-	4:1	13
518C-2	-02	3.0	1/8	8.4	175	2,500	690	10,000	13.0	0.05	-	-	4:1	17
540N-2	-02	3.0	1/8	8.4	175	2,500	690	10,000	13.0	0.05	-	-	4:1	14
3800-02	-02	3.0	1/8	8.5	413	6,000	1655	24,000	20.0	0.04	-	-	4:1	20
2240D-02V32-TC	-02	3.0	1/8	7.0	1100	15,950	2750	39,875	60.0	0.07	1.60	9.10	2.5:1	53
2440D-02V32	-02	3.0	1/8	7.9	2070	30,000	5180	75,000	100.0	0.12	1.50	9.80	2.5:1	62

DN4

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
2244N-025V00	-025	3.9	5/32	9.6	750	10,875	3000	43,500	55.0	0.19	2.30	13.20	4:1	48
2240D-025V32-TC	-025	4.0	5/32	7.7	1200	17,400	3000	43,500	75.0	0.10	2.30	9.90	2.5:1	53
2248D-025V32	-025	4.0	5/32	7.9	1500	21,750	3750	54,375	75.0	0.11	2.30	9.80	2.5:1	55
2440D-025V32	-025	4.0	5/32	10.4	2200	31,900	5500	79,750	100.0	0.21	1.40	14.60	2.5:1	62
2640D-025V32	-025	3.9	5/32	12.0	2800	40,600	7000	101,500	140.0	0.29	1.90	15.60	2.5:1	67
2740D-025V16	-025	3.9	5/32	12.0	3000	43,500	7800	113,100	120.0	0.40	1.90	15.60	2.6:1	72
2448D-025V32-TC	-025	4.0	5/32	9.9	3250	47,120	6500	94,240	100.0	0.21	1.80	12.80	2:1	65

DN5

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
3130-03	-03	5.0	3/16	10.8	207	3,000	827	12,000	19.0	0.07	-	-	4:1	13
540N-3	-03	5.0	3/16	10.7	210	3,000	830	12,000	19.0	0.08	-	-	4:1	14
2030TU-04R14V17	-04	5.0	3/16	9.0	210	3,000	830	12,000	51.0	0.09	-	-	4:1	26
518C-3	-03	5.0	3/16	10.7	225	3,250	900	13,000	19.0	0.07	-	-	4:1	17
328-3	-03	5.0	3/16	9.0	345	5,000	1400	20,000	75.0	0.051	-	-	4:1	26
3800-03	-03	5.0	3/16	11.0	345	5,000	1379	20,000	38.0	0.09	-	-	4:1	20
3R80-03	-03	5.0	3/16	13.1	350	5,100	1400	20,400	38.0	0.11	-	-	4:1	21
2240D-03V32-TC	-03	4.8	3/16	9.5	1000	14,500	2500	36,250	95.0	0.13	2.80	12.00	2.5:1	53
2248D-03V32-TC	-03	4.9	3/16	9.5	1400	20,300	3500	50,750	95.0	0.14	2.80	12.10	2.5:1	55
2440D-03V32	-03	4.8	3/16	11.5	1800	26,100	4500	65,250	130.0	0.28	1.40	15.30	2.5:1	62
2640D-03V32	-03	4.8	3/16	13.0	2500	36,250	6250	90,625	175.0	0.41	2.30	18.60	2.5:1	67
2740D-03V34	-03	4.8	3/16	13.2	2800	40,600	7000	100,500	200.0	0.47	2.30	18.80	2.5:1	72
2749D-03V34	-03	4.8	3/16	13.3	3010	43,645	7000	101,500	200.0	0.47	2.30	18.80	2.3:1	80
2840D-03V34	-03	4.6	3/16	15.0	4000	58,000	8000	116,000	200.0	0.66	2.30	19.60	2:1	84

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

DN6

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
540N-4	-04	6.3	1/4	12.6	190	2,750	760	11,000	38.0	0.10	-	-	4:1	14
3130-04	-04	6.3	1/4	12.0	207	3,000	759	11,000	32.0	0.09	-	-	4:1	13
518C-4	-04	6.3	1/4	11.7	207	3,000	830	12,000	38.0	0.08	-	-	4:1	17
547-4 EXT	-04	6.3	1/4	12.1	215	3,100	860	12,400	100.0	0.09	-	-	4:1	29
HPG-04	-04	6.3	1/4	9.25	260	3,783	780	11,349	30.0	0.11	-	-	4:1	31
2040N-04V74	-04	6.3	1/4	11.9	310	4,495	1240	17,980	40.0	0.16	-	-	4:1	29
580N-4	-04	6.3	1/4	15.4	345	5,000	1380	20,000	51.0	0.16	-	-	4:1	22
588N-4	-04	6.3	1/4	15.4	345	5,000	1380	20,000	51.0	0.16	-	-	4:1	24
3800-04	-04	6.3	1/4	13.5	345	5,000	1379	20,000	51.0	0.12	-	-	4:1	20
2022N-04V15-5K	-04	6.3	1/4	12.7	345	5,000	1380	20,000	51.0	0.12	-	-	4:1	40
3R80-04	-04	6.3	1/4	15.9	350	5,100	1400	20,400	51.0	0.12	-	-	4:1	21
328-4 EXT	-04	6.3	1/4	12.3	350	5,000	1400	20,000	100.0	0.15	-	-	4:1	29
2245N-04V00	-04	6.3	1/4	12.5	450	6,525	1800	16,100	70.0	0.25	-	-	4:1	38
2370N-04V10	-04	6.3	1/4	12.4	465	6,750	1860	26,970	70.0	0.19	-	-	4:1	36
2022N-04V15-10K	-04	6.3	1/4	13.8	690	10,000	2760	40,000	100.0	0.14	-	-	4:1	40
2380N-04V10-MSHA	-04	6.3	1/4	13.3	700	10,150	2800	40,600	70.0	0.28	3.60	18.50	4:1	42
2340N-04	-04	6.3	1/4	12.5	720	10,440	2880	41,760	70.0	0.25	-	-	4:1	43
2340N-04-04	-04	6.3	1/4	12.5	720	10,440	2880	41,760	70.0	0.50	-	-	4:1	43
2388N-04V00	-04	6.3	1/4	13.3	800	11,600	3200	46,400	80.0	0.30	3.60	18.30	4:1	57
2240D-04V32-TC	-04	6.4	1/4	11.5	1100	15,950	2750	39,875	110.0	0.20	3.80	13.60	2.5:1	53
2380N-04V00W	-04	6.3	1/4	13.3	1100	15,950	2800	40,600	70.0	0.28	3.80	18.00	2.5:1	50
2388N-04V12W	-04	6.3	1/4	13.3	1280	18,560	3200	46,400	80.0	0.30	3.60	18.20	2.5:1	57
2440D-04V32	-04	6.4	1/4	12.5	1640	23,780	4100	59,450	155.0	0.33	2.90	17.00	2.5:1	62

DN8

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
540N-5	-05	8	5/16	14.6	175	2,500	690	10,000	44.0	0.12	-	-	4:1	14
518C-5	-05	8.0	5/16	14.3	175	2,500	690	10,000	44.0	0.11	-	-	4:1	17
2245N-05V00	-05	8.0	5/16	14.3	440	5,800	1600	23,200	100.0	0.32	-	-	4:1	38
2370N-05V10	-05	8.0	5/16	14.3	440	6,380	1760	25,520	100.0	0.25	-	-	4:1	36
2240D-05V32-TC	-05	8.1	5/16	13.3	900	13,050	2250	32,625	120.0	0.25	5.30	16.10	2.5:1	53
2248D-05V32-TC	-05	8.1	5/16	13.4	1000	14,500	2500	36,250	120.0	0.25	4.80	16.10	2.5:1	55
2440D-05V32	-05	8.1	5/16	15.1	1500	21,750	3750	54,375	175.0	0.44	3.70	21.00	2.5:1	62
2640D-05V32	-05	8.0	5/16	16.9	2100	30,450	5250	76,125	225.0	0.68	3.70	22.00	2.5:1	67
2740D-05V34	-05	7.8	5/16	17.2	2500	36,250	6250	90,625	200.0	0.83	3.70	22.80	2.5:1	72
2741D-05V32/18	-05	7.7	5/16	21.2	2500	36,250	6250	90,625	200.0	0.95	3.70	22.80	2.5:1	74
2748D-05V34	-05	7.8	5/16	17.3	2800	40,600	7000	101,500	230.0	0.83	3.70	22.80	2.5:1	76
2748D-05V32/14	-05	7.8	5/16	21.8	2800	40,600	7000	101,500	230.0	0.99	3.70	22.80	2.5:1	78
2840D-05V36	-05	7.8	5/16	19.5	3000	43,500	7000	101,500	250.0	1.10	3.70	24.00	2.3:1	84
2841D-05V36/17	-05	7.7	5/16	23.5	3000	43,500	7000	101,500	250.0	1.38	3.70	24.00	2.3:1	86
2749D-05V34	-05	7.8	5/16	17.3	3010	43,645	7000	101,500	230.0	0.83	3.70	22.80	2.3:1	80
2848D-05V34	-05	7.8	5/16	19.6	3200	46,400	8000	116,000	280.0	1.10	3.60	24.00	2.5:1	88
2849D-05V34	-05	7.8	5/16	19.6	3800	55,000	8000	116,000	280.0	1.10	3.60	24.00	2.1:1	89

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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QUICK REFERENCE
HYDRAULIC & WATER JETTING

DN10

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
3130-06	-06	9.5	3/8	17.0	155	2,250	620	9,000	51.0	0.12	-	-	4:1	13
540N-6	-06	9.5	3/8	16.4	155	2,250	620	9,000	51.0	0.14	-	-	4:1	14
518C-6	-06	9.5	3/8	16.0	155	2,250	620	9,000	51.0	0.14	-	-	4:1	17
580N-6	-06	9.5	3/8	19.3	275	4,000	1100	16,000	64.0	0.22	-	-	4:1	22
588N-6	-06	9.5	3/8	19.3	275	4,000	1100	16,000	64.0	0.22	-	-	4:1	24
3800-06	-06	9.5	3/8	16.9	276	4,000	1103	16,000	64.0	2.50	-	-	4:1	20
3R80-06	-06	10	3/8	19.4	280	4,050	1120	16,200	64.0	0.22	-	-	4:1	21
2022N-06V15-5K	-06	9.7	3/8	16.1	345	5,000	1380	20,000	76.0	0.15	-	-	4:1	40
2245N-06V00	-06	9.7	3/8	17.0	375	5,435	1500	21,750	120.0	0.42	-	-	4:1	38
2370N-06V10	-06	9.8	3/8	16.4	420	6,090	1680	24,360	120.0	0.33	-	-	4:1	36
2244N-06V00	-06	9.8	3/8	18.0	535	7,755	2150	31,175	120.0	0.50	6.80	23.80	4:1	48
2380N-06V10	-06	9.8	3/8	17.9	575	8,337	2300	33,350	120.0	0.44	6.80	23.40	4:1	50
2022N-06V15-10K	-06	9.7	3/8	19.0	690	10,000	2760	40,000	100.0	0.24	5.30	23.20	4:1	40
2X80N-06V10	-06	9.8	3/8	18.6	700	10,150	2800	40,600	70.0	0.54	-	-	4:1	46
2244N-06V10W	-06	9.7	3/8	18.0	860	12,470	2150	31,175	120.0	0.50	7.00	23.50	2.5:1	48
2440N-06V30	-06	9.7	3/8	19.4	1400	20,300	3500	50,750	190.0	0.73	5.80	26.90	2.5:1	62
2580N-06V12	-06	9.8	3/8	21.6	1600	23,200	4000	58,000	95.0	0.94	5.50	28.50	2.5:1	60

DN12

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
3130-08	-08	12.7	1/2	20.7	138	2,000	620	9,000	76.0	0.16	-	-	4:1	13
540N-8	-08	12.7	1/2	20.1	140	2,000	560	8,000	76.0	0.21	-	-	4:1	14
518C-8	-08	12.7	1/2	20.4	155	2,250	620	9,000	76.0	0.22	-	-	4:1	17
ESH-08	-08	12.7	1/2	20.6	200	2,900	500	7,250	100.0	0.23	-	-	2.5:1	32
3800-08	-08	12.7	1/2	21.3	240	3,500	965	14,000	102.0	0.22	-	-	4:1	20
580N-8	-08	12.7	1/2	22.3	240	3,500	960	14,000	102.0	0.31	-	-	4:1	22
588N-8	-08	12.7	1/2	22.3	240	3,500	960	14,000	102.0	0.31	-	-	4:1	24
3R80-08	-08	12	1/2	22.7	245	3,550	980	14,200	102.0	0.28	-	-	4:1	21
ESH250-08	-08	12.7	1/2	21.2	250	3,625	625	9,060	100.0	0.24	-	-	2.5:1	34
2022N-08V15-5K	-08	12.7	1/2	20.8	345	5,000	1380	20,000	102.0	0.17	-	-	4:1	40
2245N-08V00	-08	12.7	1/2	20.7	350	5,075	1400	20,300	165.0	0.52	-	-	4:1	38
2370N-08V10	-08	12.7	1/2	20.0	350	5,075	1400	20,300	150.0	0.42	-	-	4:1	36
2244N-08V10	-08	12.9	1/2	22.7	550	7,975	2200	31,900	150.0	0.80	8.80	29.50	4:1	48
2022N-08V15-10K	-08	12.9	1/2	23.0	690	10,000	2760	40,000	100.0	0.34	6.50	30.50	4:1	40
2244N-08V10W	-08	12.8	1/2	22.7	880	12,760	2200	31,900	150.0	0.80	9.30	29.00	2.5:1	48
2388N-08V12W	-08	13.0	1/2	23.0	1100	15,950	2750	39,875	100.0	0.80	7.50	28.50	2.5:1	57
2440N-08V30	-08	12.8	1/2	22.5	1400	20,300	3500	50,750	200.0	0.94	6.70	30.70	2.5:1	62
2580N-08V12	-08	12.9	1/2	25.0	1400	20,300	3500	50,750	110.0	1.19	7.50	30.50	2.5:1	60
2640N-08V32	-08	12.8	1/2	24.5	1800	26,100	4500	65,250	290.0	1.36	6.80	34.00	2.5:1	67
2740D-08V30	-08	12.7	1/2	27.0	2000	29,000	5000	72,500	300.0	1.85	7.50	31.80	2.5:1	72
2840D-08V30	-08	12.7	1/2	29.8	2500	36,250	6250	90,625	350.0	2.50	7.60	34.20	2.5:1	84
2848D-08V30	-08	13.0	1/2	29.9	3000	43,500	6250	90,625	350.0	2.50	7.50	33.80	2.1:1	88

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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DN16

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
518C-10	16	-10	5/8	24.9	105	1,500	420	6,000	102.0	0.30	-	-	4:1	17
580N-10	16	-10	5/8	24.9	190	2,750	760	11,000	152.0	0.32	-	-	4:1	22
588N-10	16	-10	5/8	24.9	190	2,750	760	11,000	152.0	0.32	-	-	4:1	24
2245N-10V30	16	-10	5/8	24.5	330	4,785	1320	19,140	200.0	0.72	-	-	4:1	38

DN20

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
518C-12	-12	19.1	3/4	27.4	85	1,250	345	5,000	152.0	0.31	-	-	4:1	17
540N-12	-12	19.1	3/4	26.5	85	1,250	345	5,000	152.0	0.25	-	-	4:1	14
3130-12	-12	19.1	3/4	27.1	86	1,250	345	5,000	127.0	0.27	-	-	4:1	13
580N-12	-12	19.1	3/4	29.5	155	2,250	620	9,000	203.0	0.35	-	-	4:1	22
588N-12	-12	19.1	3/4	29.5	155	2,250	620	9,000	203.0	0.35	-	-	4:1	24
3R80-12	-12	19.1	3/4	28.9	157	2,300	628	9,200	165.0	0.38	-	-	4:1	21
ESH-12	-12	19.2	3/4	28.6	200	2,900	500	7,250	125.0	0.37	-	-	2.5:1	32
ESH250-12	-12	19.0	3/4	28.6	250	3,625	625	9,060	125.0	0.40	-	-	2.5:1	34
2245N-12V30	-12	19.6	3/4	28.5	300	4,350	1200	17,400	240.0	0.92	-	-	4:1	38
2440N-12V30	-12	19.6	3/4	30.0	1000	14,500	2500	36,250	250.0	1.39	12.70	38.50	2.5:1	62
2580N-12V12	-12	19.8	3/4	32.6	1200	17,400	3000	43,500	170.0	1.76	12.50	39.80	2.5:1	60
2640N-12V32	-12	19.6	3/4	33.0	1400	20,300	3500	50,750	350.0	2.10	12.50	40.60	2.5:1	67
2648N-12V32	-12	19.8	3/4	33.7	1600	23,200	4000	58,000	350.0	2.28	12.50	41.10	2.5:1	70

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

QUICK REFERENCE
HYDRAULIC & WATER JETTING

DN25

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
3130-16	-16	25.0	1	34.0	69	1,000	276	4,000	203.0	0.46	-	-	4:1	13
518C-16	-16	25.0	1	33.5	70	1,000	275	4,000	203.0	0.40	-	-	4:1	17
580N-16	-16	25.0	1	37.6	140	2,000	560	8,000	254.0	0.56	-	-	4:1	22
588N-16	-16	25.0	1	37.6	140	2,000	560	8,000	254.0	0.56	-	-	4:1	24
ESH-16	-16	25.0	1	36.6	200	2,900	500	7,250	150.0	0.59	-	-	2.5:1	32
ESH250-16	-16	25.0	1	36.5	250	3,625	625	9,060	150.0	0.60	-	-	2.5:1	34
2245N-16V30	-16	25.0	1	34.0	275	3,985	1100	15,950	280.0	1.15	-	-	4:1	38
2440N-16V30	-16	25.0	1	37.0	900	13,050	2250	32,625	300.0	2.00	17.20	45.30	2.5:1	62
2640N-16V32	-16	25.0	1	40.0	1200	17,400	3000	43,500	400.0	2.90	17.30	49.00	2.5:1	67
2648N-16V32	-16	25.0	1	40.8	1500	21,750	3750	54,375	400.0	3.10	16.50	49.00	2.5:1	70

DN32

#	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	Nipple ID mm	Ferrule OD mm	DF	Page
ESH-20	-20	31.9	1 1/4	46.0	200	2,900	500	7,250	150.0	0.60	-	-	2.5:1	32
ESH250-20	-20	32.0	1 1/4	46.0	250	3,625	625	9,060	225.0	1.00	-	-	2.5:1	34
2244N-20V30	-20	31.8	1 1/4	44.0	275	3,990	1100	15,950	400.0	1.83	25.30	50.00	4:1	48

General remark on column DF in the tables:
Ultra high pressure hoses are normally used with a design factor of 2.5:1 according to ISO 7751.
For hydraulic hoses, a design factor of 4:1 applies.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



3130
EXCEEDS SAE 100R7

General applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
3130-02	3	-02	3.2	1/8	8.5	172	2,500	689	10,000	13.0	0.04
3130-03	5	-03	4.8	3/16	10.8	207	3,000	827	12,000	19.0	0.07
3130-04	6	-04	6.4	1/4	12.0	207	3,000	759	11,000	32.0	0.09
3130-06	10	-06	9.5	3/8	17.0	155	2,250	620	9,000	51.0	0.12
3130-08	12	-08	12.7	1/2	20.7	138	2,000	620	9,000	76.0	0.16
3130-12	19	-12	19.1	3/4	27.1	86	1,250	345	5,000	127.0	0.27
3130-16	25	-16	25.4	1	34.0	69	1,000	276	4,000	203.0	0.46

APPLICATIONS
General hydraulics, material handling, forklifts, chemical transfer, ROV's and marine steering.

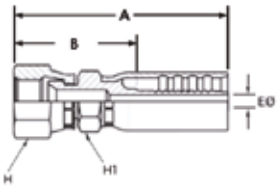
FEATURES
- Meets or exceeds SAE 100R7 specifications
- Low elongation
- Highly flexible

CONSTRUCTION
Core tube: Nylon-lined.
Pressure reinforcement: Spiral or braided synthetic fibre.
Cover: Black perforated polyurethane.

TEMPERATURE RANGE
-40˚C up to +100˚C.

FITTINGS
Female JIC / SAE 37˚ swivel stainless steel

#						A	B	EØ	H	H1
	DN	size	mm	inch		mm	mm	mm	inch	inch
90A03-045400-0	5	-03	4.7	3/16	7/16 - 20	54.6	33.3	2.8	5/8	9/16
90A04-045400-0	6	-04	6.4	1/4	7/16 - 20	64.2	36.6	4.0	5/8	5/8
90A06-065500-0	10	-06	9.5	3/8	9/16 - 20	71.6	39.6	7.1	3/4	3/4
90A08-085400-0	12	-08	12.5	1/2	3/4 - 16	80.0	41.4	9.9	15/16	7/8
90A08-105400-0	12	-08	12.5	1/2	7/8 - 14	80.0	41.4	9.9	1 1/16	7/8
90A12-125500-0	19	-12	19.0	3/4	1 1/16 - 12	87.2	44.5	15.9	1 1/4	1 1/8
90A16-165500-0	25	-16	25.0	1	1 5/16 - 12	103.0	50.8	20.7	1 1/2	1 3/8



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

540N
PERFORMANCE EXCEEDS SAE 100R7



General applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
540N-2	3	-02	3.2	1/8	8.4	175	2,500	690	10,000	13.0	0.05
540N-3	5	-03	4.8	3/16	10.7	210	3,000	830	12,000	19.0	0.08
540N-4	6	-04	6.3	1/4	12.6	190	2,750	760	11,000	38.0	0.10
540N-5	8	-05	7.9	5/16	14.6	175	2,500	690	10,000	44.0	0.12
540N-6	10	-06	9.5	3/8	16.4	155	2,250	620	9,000	51.0	0.14
540N-8	12	-08	12.7	1/2	20.1	140	2,000	560	8,000	76.0	0.21
540N-12	20	-12	19.1	3/4	26.5	85	1,250	345	5,000	152.0	0.25

APPLICATIONS
Medium pressure service for general industrial and mobile hydraulic applications. Especially suitable when an improved chemical resistance is required with some hydraulic / chemical fluids.

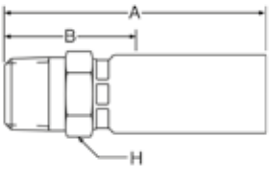
FEATURES
- High abrasion resistance
- High flexibility
- Low weight
- Excellent chemical resistance due to polyamide core tube

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: One braided layer of high tensile synthetic fibre.
Cover: Polyurethane, pinpricked.
Colour: Black.

TEMPERATURE RANGE
-40˚C up to +100˚C.

FITTINGS
National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#						A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
10155-2-3	5	-03	4.8	3/16	1/8 - 27 NPTF	51.0	26.0	14.0	345
10155-4-3	5	-03	4.8	3/16	1/4 - 18 NPTF	55.0	30.0	17.0	345
10155-6-3	5	-03	4.8	3/16	3/8 - 18 NPTF	54.0	29.0	19.0	275
10155-2-4	6	-04	6.4	1/4	1/8 - 27 NPTF	54.0	22.0	17.0	345
10155-4-4	6	-04	6.4	1/4	1/4 - 18 NPTF	62.0	30.0	17.0	345
10155-6-4	6	-04	6.4	1/4	3/8 - 18 NPTF	61.0	29.0	19.0	275
10155-4-5	8	-05	7.9	5/16	1/4 - 18 NPTF	59.0	27.0	17.0	345
10155-6-5	8	-05	7.9	5/16	3/8 - 18 NPTF	61.0	29.0	19.0	275
10155-4-6	10	-06	9.5	3/8	1/4 - 18 NPTF	66.0	30.0	19.0	345
10155-6-6	10	-06	9.5	3/8	3/8 - 18 NPTF	70.0	33.0	19.0	275
10155-8-6	10	-06	9.5	3/8	1/2 - 14 NPTF	77.0	40.0	27.0	240
10155-6-8	12	-08	12.7	1/2	3/8 - 18 NPTF	71.0	30.0	22.0	275
10155-8-8	12	-08	12.7	1/2	1/2 - 14 NPTF	77.0	36.0	27.0	240
10155-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	82.0	36.0	30.0	210

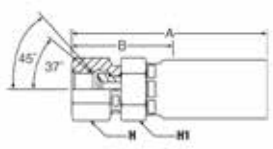


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



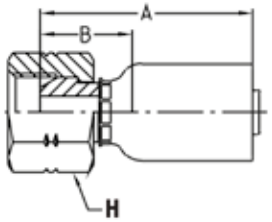
540N
PERFORMANCE EXCEEDS SAE 100R7

SAE (JIC) 37° female swivel: Galvanised steel with transparent Cr(IV)-free plating.
For stainless steel (AISI 316) add C to the Part Number. Other materials available on request.



#						A	B	H	H1	
	DN	size	mm	inch		mm	mm	mm	mm	bar
10655-4-2	3	-02	3.2	1/8	7/16 - 20 UNF	44.0	27.0	16.0	13.0	410
10655-4-3	5	-03	4.8	3/16	7/16 - 20 UNF	55.0	30.0	17.0	16.0	410
10655-5-3	5	-03	4.8	3/16	1/2 - 20 UNF	57.0	32.0	17.0	16.0	410
10655-4-4	6	-04	6.4	1/4	7/16 - 20 UNF	65.0	33.0	17.0	17.0	410
10655-5-4	6	-04	6.4	1/4	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10655-6-4	6	-04	6.4	1/4	9/16 - 18 UNF	67.0	35.0	19.0	17.0	345
10655-5-5	8	-05	7.9	5/16	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10655-6-5	8	-05	7.9	5/16	9/16 - 18 UNF	65.0	33.0	19.0	16.0	345
10655-8-5	8	-05	7.9	5/16	3/4 - 16 UNF	68.0	37.0	22.0	19.0	345
10655-6-6	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	19.0	19.0	345
10655-8-6	10	-06	9.5	3/8	3/4 - 16 UNF	72.0	35.0	24.0	19.0	345
10655-6-8	12	-08	12.7	1/2	9/16 - 18 UNF	76.0	35.0	19.0	22.0	345
10655-8-8	12	-08	12.7	1/2	3/4 - 16 UNF	79.0	38.0	22.0	22.0	345
10655-10-8	12	-08	12.7	1/2	7/8 - 14 UNF	82.0	41.0	27.0	22.0	345
10655-12-8	12	-08	12.7	1/2	1 1/16 - 12 UNF	83.0	42.0	32.0	27.0	345
10655-12-12	20	-12	19.0	3/4	1 1/16 12 UNF	88.0	42.0	32.0	30.0	345

BSP Female swivel 60° cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.



#						A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
19256-4-3	5	-03	4.8	3/16	G 1/4	37.0	19.0	19.0	630
19256-2-4	6	-04	6.4	1/4	G 1/8	43.0	18.0	14.0	350
19256-4-4	6	-04	6.4	1/4	G 1/4	44.0	20.0	19.0	630
19256-6-4	6	-04	6.4	1/4	G 3/8	44.0	20.0	22.0	550
19256-4-5	8	-05	7.9	5/16	G 1/4	45.0	20.0	19.0	630
19256-6-5	8	-05	7.9	5/16	G 3/8	45.0	20.0	22.0	550
19256-6-6	10	-06	9.5	3/8	G 3/8	45.0	20.0	22.0	550
19256-8-6	10	-06	9.5	3/8	G 1/2	47.0	22.0	27.0	430
19256-8-8	12	-08	12.7	1/2	G 1/2	51.0	22.0	27.0	430
19256-10-8	12	-08	12.7	1/2	G 5/8	49.0	22.0	30.0	375
19256-12-12	20	-12	19.0	3/4	G 3/4	58.0	24.0	32.0	350
19256-16-16	25	-16	25.4	1	G 1	73.0	26.0	41.0	280

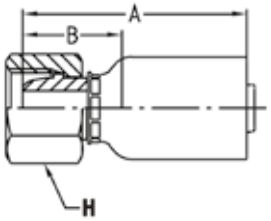
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

540N
PERFORMANCE EXCEEDS SAE 100R7



Metric female swivel 24°/60°: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#					A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
1C356-6-3	5	-03	4.8	3/16	M12 x 1.5	37.0	20.0	14.0	250
1C356-8-4	6	-04	6.4	1/4	M14 x 1.5	44.0	20.0	17.0	250
1C356-10-4	6	-04	6.4	1/4	M16 x 1.5	45.0	21.0	19.0	250
1C356-10-5	8	-05	7.9	5/16	M16 x 1.5	46.0	20.0	19.0	250
1C356-12-5	8	-05	7.9	5/16	M18 x 1.5	47.0	21.0	22.0	250
1C356-10-6	10	-06	9.5	3/8	M16 x 1.5	46.0	20.0	19.0	250
1C356-15-8	12	-08	12.7	1/2	M22 x 1.5	50.0	23.0	27.0	250
1C356-18-12	20	-12	19.0	3/4	M26 x 1.5	58.0	24.0	32.0	160
1C356-22-12	20	-12	19.0	3/4	M30 x 2	57.0	24.0	36.0	160



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



518C
ELECTRICALLY NON-CONDUCTIVE

Non-conductive applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
518C-2	3	-02	3.2	1/8	8.4	175	2,500	690	10,000	13.0	0.05
518C-3	5	-03	4.8	3/16	10.7	225	3,250	900	13,000	19.0	0.07
518C-4	6	-04	6.3	1/4	11.7	207	3,000	830	12,000	38.0	0.08
518C-5	8	-05	7.9	5/16	14.3	175	2,500	690	10,000	44.0	0.11
518C-6	10	-06	9.5	3/8	16.0	155	2,250	620	9,000	51.0	0.14
518C-8	12	-08	12.7	1/2	20.4	155	2,250	620	9,000	76.0	0.22
518C-10	16	-10	15.9	5/8	24.9	105	1,500	420	6,000	102.0	0.30
518C-12	20	-12	19.1	3/4	27.4	85	1,250	345	5,000	152.0	0.31
518C-16	25	-16	25.4	1	33.5	70	1,000	275	4,000	203.0	0.40

APPLICATIONS
Medium pressure service for general industrial and mobile hydraulic applications when electrically non-conductive lines are required. For example, working platforms for high-voltage line repair and aluminium melting furnaces.

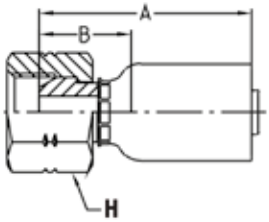
FEATURES
- High abrasion resistance
- High flexibility
- Low weight
- Orange colour
- Electrically non-conductive acc. to SAE J517 (less than 50 µA leakage under 250,000 volts per metre)

CONSTRUCTION
Core tube: Polyester elastomer, except -2: polyamide.
Pressure reinforcement: One braided layer of high tensile synthetic fibre.
Cover: Polyurethane.
Colour: Orange.

TEMPERATURE RANGE
-40˚C up to +100˚C for petroleum, max. 57˚C for synthetic hydraulic fluids and water-based hydraulic fluids.

FITTINGS
BSP Female swivel 60˚ cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#						A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
19256-4-3	5	-03	4.8	3/16	G 1/4	37.0	19.0	19.0	630
19256-2-4	6	-04	6.4	1/4	G 1/8	43.0	18.0	14.0	350
19256-4-4	6	-04	6.4	1/4	G 1/4	44.0	20.0	19.0	630
19256-6-4	6	-04	6.4	1/4	G 3/8	44.0	20.0	22.0	550
19256-4-5	8	-05	7.9	5/16	G 1/4	45.0	20.0	19.0	630
19256-6-5	8	-05	7.9	5/16	G 3/8	45.0	20.0	22.0	550
19256-6-6	10	-06	9.5	3/8	G 3/8	45.0	20.0	22.0	550
19256-8-6	10	-06	9.5	3/8	G 1/2	47.0	22.0	27.0	430
19256-8-8	12	-08	12.7	1/2	G 1/2	51.0	22.0	27.0	430
19256-10-8	12	-08	12.7	1/2	G 5/8	49.0	22.0	30.0	375
19256-12-12	20	-12	19.0	3/4	G 3/4	58.0	24.0	32.0	350
19256-16-16	25	-16	25.4	1	G 1	73.0	26.0	41.0	280



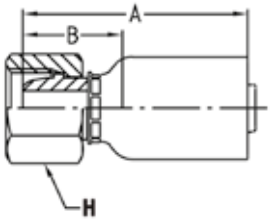
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

518C
ELECTRICALLY NON-CONDUCTIVE



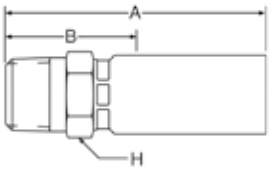
Metric female swivel 24°/60°: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#					A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
1C356-6-3	5	-03	4.8	3/16	M12 x 1.5	37.0	20.0	14.0	250
1C356-8-4	6	-04	6.4	1/4	M14 x 1.5	44.0	20.0	17.0	250
1C356-10-4	6	-04	6.4	1/4	M16 x 1.5	45.0	21.0	19.0	250
1C356-10-5	8	-05	7.9	5/16	M16 x 1.5	46.0	20.0	19.0	250
1C356-12-5	8	-05	7.9	5/16	M18 x 1.5	47.0	21.0	22.0	250
1C356-10-6	10	-06	9.5	3/8	M16 x 1.5	46.0	20.0	19.0	250
1C356-15-8	12	-08	12.7	1/2	M22 x 1.5	50.0	23.0	27.0	250
1C356-18-12	20	-12	19.0	3/4	M26 x 1.5	58.0	24.0	32.0	160
1C356-22-12	20	-12	19.0	3/4	M30 x 2	57.0	24.0	36.0	160
1C356-28-16	25	-16	25.4	1	M36 x 2	76.0	28.0	41.0	100



National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#					A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
10157-2-2	3	-02	3.2	1/8	1/8 - 27 NPTF	35.0	18.0	13.0	345
10155-2-3	5	-03	4.8	3/16	1/8 - 27 NPTF	51.0	26.0	14.0	345
10155-4-3	5	-03	4.8	3/16	1/4 - 18 NPTF	55.0	30.0	17.0	345
10155-6-3	5	-03	4.8	3/16	3/8 - 18 NPTF	54.0	29.0	19.0	275
10155-2-4	6	-04	6.4	1/4	1/8 - 27 NPTF	54.0	22.0	17.0	345
10155-4-4	6	-04	6.4	1/4	1/4 - 18 NPTF	62.0	30.0	17.0	345
10155-6-4	6	-04	6.4	1/4	3/8 - 18 NPTF	61.0	29.0	19.0	275
10155-4-5	8	-05	7.9	5/16	1/4 - 18 NPTF	59.0	27.0	17.0	345
10155-6-5	8	-05	7.9	5/16	3/8 - 18 NPTF	61.0	29.0	19.0	275
10155-4-6	10	-06	9.5	3/8	1/4 - 18 NPTF	66.0	30.0	19.0	345
10155-6-6	10	-06	9.5	3/8	3/8 - 18 NPTF	70.0	33.0	19.0	275
10155-8-6	10	-06	9.5	3/8	1/2 - 14 NPTF	77.0	40.0	27.0	240
10155-6-8	12	-08	12.7	1/2	3/8 - 18 NPTF	71.0	30.0	22.0	275
10155-8-8	12	-08	12.7	1/2	1/2 - 14 NPTF	77.0	36.0	27.0	240
10155-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	82.0	36.0	30.0	210
10155-16-16	25	-06	25.4	1	1 - 11 1/2 NPTF	104.0	44.0	41.0	170

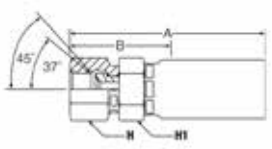


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



518C
ELECTRICALLY NON-CONDUCTIVE

SAE (JIC) 37° female swivel: Galvanised steel with transparent Cr(IV)-free plating.
For stainless steel (AISI 316) add C to the Part Number. Other materials available on request.



#						A	B	H	H1	
	DN	size	mm	inch		mm	mm	mm	mm	bar
10657-4-2	3	-02	3.2	1/8	7/16 - 20 UNF	33.0	16.0	17.0	13.0	410
10655-4-3	5	-03	4.8	3/16	7/16 - 20 UNF	55.0	30.0	17.0	16.0	410
10655-5-3	5	-03	4.8	3/16	1/2 - 20 UNF	57.0	32.0	17.0	16.0	410
10655-4-4	6	-04	6.4	1/4	7/16 - 20 UNF	65.0	33.0	17.0	17.0	410
10655-5-4	6	-04	6.4	1/4	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10655-6-4	6	-04	6.4	1/4	9/16 - 18 UNF	67.0	35.0	19.0	17.0	345
10655-5-5	8	-05	7.9	5/16	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10655-6-5	8	-05	7.9	5/16	9/16 - 18 UNF	65.0	33.0	19.0	16.0	345
10655-8-5	8	-05	7.9	5/16	3/4 - 16 UNF	68.0	37.0	22.0	19.0	345
10655-6-6	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	19.0	19.0	345
10655-8-6	10	-06	9.5	3/8	3/4 - 16 UNF	72.0	35.0	24.0	19.0	345
10655-6-8	12	-08	12.7	1/2	9/16 - 18 UNF	76.0	35.0	19.0	22.0	345
10655-8-8	12	-08	12.7	1/2	3/4 - 16 UNF	79.0	38.0	22.0	22.0	345
10655-10-8	12	-08	12.7	1/2	7/8 - 14 UNF	82.0	41.0	27.0	22.0	345
10655-12-8	12	-08	12.7	1/2	1 1/16 - 12 UNF	83.0	42.0	32.0	27.0	345
10655-12-12	20	-12	19.0	3/4	1 1/16 0 12 UNF	88.0	42.0	32.0	30.0	345
10655-16-16	25	-16	25.4	1	1 5/16 - 12 UNF	104.0	44.0	38.0	36.0	275

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

3800
MEETS SAE 100R8



General applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
3800-02	3	-02	3.2	1/8	8.5	413	6,000	1655	24,000	20.0	0.04
3800-03	5	-03	4.8	3/16	11.0	345	5,000	1379	20,000	38.0	0.09
3800-04	6	-04	6.4	1/4	13.5	345	5,000	1379	20,000	51.0	0.12
3800-06	10	-06	9.5	3/8	16.9	276	4,000	1103	16,000	64.0	0.16
3800-08	12	-08	12.7	1/2	21.3	240	3,500	965	14,000	102.0	0.22

APPLICATIONS
General hydraulics, machine tools, mobile equipment, agricultural equipment and marine steering.

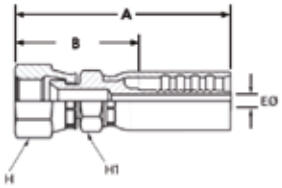
FEATURES
- 100R8 performance with 100R7 dimensions for fitting versatility
- Low volumetric expansion

CONSTRUCTION
Core tube: Nylon.
Pressure reinforcement: Braided, high-tensile aramid fibre.
Cover: Black perforated polyurethane.

TEMPERATURE RANGE
-40˚C up to +100˚C.

FITTINGS
Female JIC / SAE 37˚ swivel stainless steel

#	DN	size	mm	inch		A mm	B mm	EØ mm	H inch	H1 inch
90A03-045400-0	5	-03	4.7	3/16	7/16 - 20	54.6	33.3	2.8	5/8	9/16
90A04-045400-0	6	-04	6.4	1/4	7/16 - 20	64.2	36.6	4.0	5/8	5/8
90A06-065500-0	10	-06	9.5	3/8	9/16 - 20	71.6	39.6	7.1	3/4	3/4
90A08-085400-0	12	-08	12.5	1/2	3/4 - 16	80.0	41.4	9.9	15/16	7/8
90A08-105400-0	12	-08	12.5	1/2	7/8 - 14	80.0	41.4	9.9	1 1/16	7/8
90A12-125500-0	19	-12	19.0	3/4	1 1/16 - 12	87.2	44.5	15.9	1 1/4	1 1/8
90A16-165500-0	25	-16	25.0	1	1 5/16 - 12	103.0	50.8	20.7	1 1/2	1 3/8



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



3R80
EXCEEDS SAE 100R8

General applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
3R80-03	5	-03	4.8	3/16	13.1	350	5,100	1400	20,400	38.0	0.11
3R80-04	6	-04	6.4	1/4	15.9	350	5,100	1400	20,400	51.0	0.12
3R80-06	10	-06	9.5	3/8	19.4	280	4,050	1120	16,200	64.0	0.22
3R80-08	12	-08	12.7	1/2	22.7	245	3,550	980	14,200	102.0	0.28
3R80-12	19	-12	19.1	3/4	28.9	157	2,300	628	9,200	165.0	0.38

APPLICATIONS
General hydraulics, machine tools, mobile equipment, agricultural equipment and marine steering.

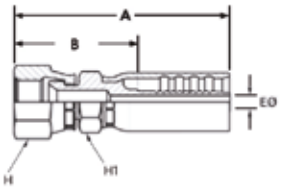
FEATURES
- Low volumetric expansion
- High Chemical resistance
- Made in the USA

CONSTRUCTION
Core tube: Nylon.
Pressure reinforcement: Braided, high-tensile aramid fibre.
Cover: Black perforated polyurethane.

TEMPERATURE RANGE
-40˚C up to +100˚C.

FITTINGS
Female JIC / SAE 37˚ swivel stainless steel

#						A	B	EØ	H	H1
	DN	size	mm	inch		mm	mm	mm	inch	inch
90L03-045400-0	5	-04	4.7	3/16	7/16 - 20	54.6	35.1	2.8	5/8	9/16
90L04-045400-0	6	-04	6.4	1/4	7/16 - 20	64.2	36.6	4.0	5/8	5/8
90L06-065500-0	10	-06	9.5	3/8	9/16 - 18	71.6	39.6	7.1	3/4	3/4
90L06-085400-0	10	-08	9.5	3/8	3/4 - 16	71.3	39.6	7.1	15/16	3/4
90L08-085400-0	12	-08	12.5	1/2	3/4 - 16	80.0	41.4	9.9	15/16	7/8
90L08-105400-0	12	-10	12.5	1/2	7/8 - 14	80.0	41.4	9.9	1 1/16	7/8
90L12-125500-0	19	-12	19.0	3/4	1 1/16 - 12	87.2	44.5	15.9	1 1/4	1 1/8
90L16-165500-0	25	-16	25.0	1	1 5/16 - 12	103.0	49.3	20.6	1 1/2	1 3/8



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

580N
PERFORMANCE EXCEEDS SAE 100R8



General applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
580N-4	6	-04	6.3	1/4	15.4	345	5,000	1380	20,000	51.0	0.16
580N-6	10	-06	9.5	3/8	19.3	275	4,000	1100	16,000	64.0	0.22
580N-8	12	-08	12.7	1/2	22.3	240	3,500	960	14,000	102.0	0.31
580N-10	16	-10	15.9	5/8	24.9	190	2,750	760	11,000	152.0	0.32
580N-12	20	-12	19.1	3/4	29.5	155	2,250	620	9,000	203.0	0.35
580N-16	25	-16	25.4	1	37.6	140	2,000	560	8,000	254.0	0.56

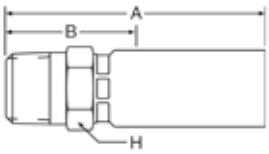
APPLICATIONS
High pressure service for general industrial and mobile hydraulic applications as well as with gases.
Suitable for a wide variety of fluids due to the polyamide core tube.

FEATURES
- High abrasion resistance
- High flexibility
- Low weight
- Excellent chemical resistance due to polyamide core tube

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Multiple braided layers of high tensile synthetic fibre.
Cover: Polyurethane, pinpricked.
Colour: Black.

TEMPERATURE RANGE
-40˚C up to +100˚C for petroleum or synthetic hydraulic fluids.

FITTINGS
National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.



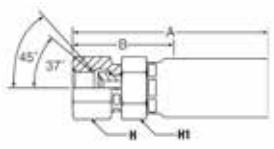
#						A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
10158-2-3	5	-03	4.8	3/16	1/8 - 27 NPTF	51.0	26.0	14.0	345
10158-4-3	5	-03	4.8	3/16	1/4 - 18 NPTF	55.0	30.0	17.0	345
10158-6-3	5	-03	4.8	3/16	3/8 - 18 NPTF	54.0	29.0	19.0	275
10158-2-4	6	-04	6.4	1/4	1/8 - 27 NPTF	54.0	22.0	17.0	345
10158-4-4	6	-04	6.4	1/4	1/4 - 18 NPTF	62.0	30.0	17.0	345
10158-6-4	6	-04	6.4	1/4	3/8 - 18 NPTF	61.0	29.0	19.0	275
10158-4-5	8	-05	7.9	5/16	1/4 - 18 NPTF	59.0	27.0	17.0	345
10158-6-5	8	-05	7.9	5/16	3/8 - 18 NPTF	61.0	29.0	19.0	275
10158-4-6	10	-06	9.5	3/8	1/4 - 18 NPTF	66.0	30.0	19.0	345
10158-6-6	10	-06	9.5	3/8	3/8 - 18 NPTF	70.0	33.0	19.0	275
10158-8-6	10	-06	9.5	3/8	1/2 - 14 NPTF	77.0	40.0	27.0	240
10158-6-8	12	-08	12.7	1/2	3/8 - 18 NPTF	71.0	30.0	22.0	275
10158-8-8	12	-08	12.7	1/2	1/2 - 14 NPTF	77.0	36.0	27.0	240
10158-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	82.0	36.0	30.0	210
10158-16-16	25	-16	25.4	1	1 - 11 1/2 NPTF	104.0	44.0	41.0	170

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



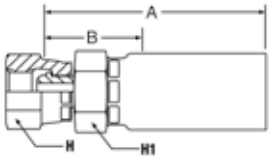
580N
PERFORMANCE EXCEEDS SAE 100R8

SAE (JIC) female swivel: Galvanised steel with transparent Cr(IV)-free plating.
For stainless steel (AISI 316) add C to the part number. Other materials available on request.



#						A	B	H	H1	
	DN	size	mm	inch		mm	mm	mm	mm	bar
10658-4-3	5	-03	4.8	3/16	7/16 - 20 UNF	55.0	30.0	17.0	16.0	410
10658-5-3	5	-03	4.8	3/16	1/2 - 20 UNF	57.0	32.0	17.0	16.0	410
10658-4-4	6	-04	6.4	1/4	7/16 - 20 UNF	65.0	33.0	17.0	17.0	410
10658-5-4	6	-04	6.4	1/4	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10658-6-4	6	-04	6.4	1/4	9/16 - 18 UNF	67.0	35.0	19.0	17.0	345
10658-5-5	8	-05	7.9	5/16	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10658-6-5	8	-05	7.9	5/16	9/16 - 18 UNF	65.0	33.0	19.0	16.0	345
10658-6-6	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	19.0	19.0	345
10658-8-6	10	-06	9.5	3/8	3/4 - 16 UNF	72.0	35.0	24.0	19.0	345
10658-6-8	12	-08	12.7	1/2	9/16 - 18 UNF	76.0	35.0	19.0	22.0	345
10658-8-8	12	-08	12.7	1/2	3/4 - 16 UNF	79.0	38.0	22.0	22.0	345
10658-10-8	12	-08	12.7	1/2	7/8 - 14 UNF	82.0	41.0	27.0	22.0	345
10658-12-8	12	-08	12.7	1/2	1 1/16 - 12 UNF	83.0	42.0	32.0	27.0	345
10658-12-12	20	-12	19.0	3/4	1 1/16 - 12 UNF	88.0	42.0	32.0	30.0	345
10658-16-12	20	-12	19.0	3/4	1 5/16 - 12 UNF	90.0	44.0	38.0	36.0	275
10658-16-16	25	-16	25.4	1	1 5/16 - 12 UNF	104.0	44.0	38.0	36.0	275

BSP Female swivel 60° cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.



#						A	B	H	H1	
	DN	size	mm	inch		mm	mm	mm	mm	bar
19258-4-3	5	-03	4.8	3/16	G 1/4	53.0	28.0	19.0	17.0	630
19258-4-4	6	-04	6.4	1/4	G 1/4	58.0	26.0	19.0	17.0	630
19258-6-5	8	-05	7.9	5/16	G 3/8	59.0	27.0	22.0	19.0	550
19258-6-6	10	-06	9.5	3/8	G 3/8	64.0	27.0	22.0	19.0	550
19258-8-8	12	-08	12.7	1/2	G 1/2	72.0	31.0	27.0	24.0	430
19258-10-8	12	-08	12.7	1/2	G 5/8	75.0	32.0	30.0	27.0	375
19258-12-12	20	-12	19.0	3/4	G 3/4	81.0	35.0	32.0	32.0	350
19258-16-16	25	-16	25.4	1	G 1	99.0	39.0	41.0	36.0	280

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

588N
NON-CONDUCTIVE SAE 100R8



Non conductive applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
588N-4	6	-04	6.3	1/4	15.4	345	5,000	1380	20,000	51.0	0.16
588N-6	10	-06	9.5	3/8	19.3	275	4,000	1100	16,000	64.0	0.22
588N-8	12	-08	12.7	1/2	22.3	240	3,500	960	14,000	102.0	0.31
588N-10	16	-10	15.9	5/8	24.9	190	2,750	760	11,000	152.0	0.32
588N-12	20	-12	19.1	3/4	29.5	155	2,250	620	9,000	203.0	0.35
588N-16	25	-16	25.4	1	37.6	140	2,000	560	8,000	254.0	0.56

APPLICATIONS
Medium pressure service for general industrial and mobile hydraulic applications when electrically non-conductive lines are required. For example, working platforms for high-voltage line repair and aluminium melting furnaces.

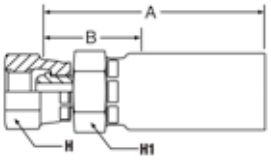
FEATURES
- Electrically non-conductive
- Small outer diameter
- High resistance to abrasion
- High flexibility
- Low weight
- Excellent chemical resistance due to polyamide core tube
- Electrically non-conductive acc. to SAE J517 (less than 50 µA leakage under 250,000 volts per metre)

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Two braided layers of high tensile sythetic fibre.
Cover: Polyurethane.
Colour: Orange.

TEMPERATURE RANGE
-40˚C up to +100˚C for petroleum or synthetic hydraulic fluids.

FITTINGS
BSP Female swivel 60˚ cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#	DN	size	mm	inch		A mm	B mm	H mm	H1 mm	bar
19258-4-4	6	-04	6.4	1/4	G 1/4	58.0	26.0	19.0	17.0	630
19258-6-6	10	-06	9.5	3/8	G 3/8	64.0	27.0	22.0	19.0	550
19258-8-8	12	-08	12.7	1/2	G 1/2	72.0	31.0	27.0	24.0	430
19258-10-8	12	-08	12.7	1/2	G 5/8	75.0	32.0	30.0	27.0	375
19258-12-12	20	-12	19.0	3/4	G 3/4	81.0	35.0	32.0	32.0	350
19258-16-16	25	-16	25.4	1	G 1	99.0	39.0	41.0	36.0	280

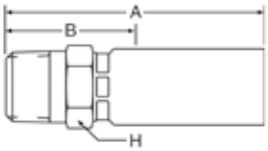


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



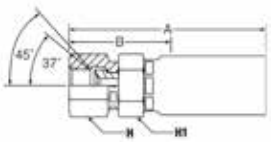
588N
NON-CONDUCTIVE SAE 100R8

National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.



#						A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
10158-2-4	6	-04	6.4	1/4	1/8 - 27 NPTF	54.0	22.0	17.0	345
10158-4-4	6	-04	6.4	1/4	1/4 - 18 NPTF	62.0	30.0	17.0	345
10158-6-4	6	-04	6.4	1/4	3/8 - 18 NPTF	61.0	29.0	19.0	275
10158-4-6	10	-06	9.5	3/8	1/4 - 18 NPTF	66.0	30.0	19.0	345
10158-6-6	10	-06	9.5	3/8	3/8 - 18 NPTF	70.0	33.0	19.0	275
10158-8-6	10	-06	9.5	3/8	1/2 - 14 NPTF	77.0	40.0	27.0	240
10158-6-8	12	-08	12.7	1/2	3/8 - 18 NPTF	71.0	30.0	22.0	275
10158-8-8	12	-08	12.7	1/2	1/2 - 14 NPTF	77.0	36.0	27.0	240
10158-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	82.0	36.0	30.0	210
10158-16-16	25	-16	25.4	1	1 - 11 1/2 NPTF	104.0	44.0	41.0	170

SAE (JIC) 37° female swivel: Galvanised steel with transparent Cr(IV)-free plating.
For stainless steel (AISI 316) add C to the part number. Other materials available on request.



#						A	B	H	H1	
	DN	size	mm	inch		mm	mm	mm	mm	bar
10658-4-4	6	-04	6.4	1/4	7/16 - 20 UNF	65.0	33.0	17.0	17.0	410
10658-5-4	6	-04	6.4	1/4	1/2 - 20 UNF	65.0	33.0	16.0	17.0	410
10658-6-4	6	-04	6.4	1/4	9/16 - 18 UNF	67.0	35.0	17.0	19.0	345
10658-6-6	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	19.0	19.0	345
10658-8-6	10	-06	9.5	3/8	3/4 - 16 UNF	72.0	35.0	19.0	24.0	345
10658-6-8	12	-08	12.7	1/2	9/16 - 18 UNF	76.0	35.0	22.0	19.0	345
10658-8-8	12	-08	12.7	1/2	3/4 - 16 UNF	79.0	38.0	22.0	22.0	345
10658-10-8	12	-08	12.7	1/2	7/8 - 14 UNF	82.0	41.0	22.0	27.0	345
10658-12-8	12	-08	12.7	1/2	1 1/16 - 12 UNF	83.0	42.0	27.0	32.0	345
10658-12-12	20	-12	19.0	3/4	1 1/16 - 12 UNF	88.0	42.0	30.0	32.0	345
10658-16-12	20	-12	19.0	3/4	1 5/16 - 12 UNF	90.0	44.0	36.0	38.0	275
10658-16-16	25	-16	25.4	1	1 5/16 - 12 UNF	104.0	44.0	36.0	38.0	275

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

328-3 / 2030TU
3/16" BEVERAGE DISPENSING



Gas applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
328-3	5	-3	4.7	3/16	9.0	345	5,000	1400	20,000	75.0	0.051
2030TU-04R14V17	5	-4	4.8	3/16	9.0	210	3,000	1840	12,000	51.0	0.09

APPLICATIONS
High pressure service for use with CO_2 (2030TU) and nitrogen (328-3) gas. Specifically used in the beverage dispense industry.

FEATURES
- Flavour free materials suitable for food applications
- FDA approved liner
- Pinpricked cover for gas use
- A large range of fittings and accessories available
- Private branding available

CONSTRUCTION - 328-3
Core tube: TEEE.
Pressure reinforcement: One braided layer of high tensile aramid fibre.
Outer cover: TPU black pinpricked.

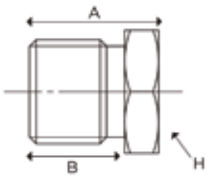
CONSTRUCTION - 2030TU-04
Core tube: PTFE.
Pressure reinforcement: One braided layer of stainless steel wire.
Outer cover: TPU grey pinpricked.

TEMPERATURE RANGE
-40˚C up to +100˚C.

FITTINGS

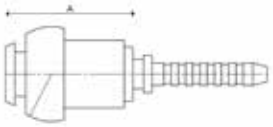
BSP Male bottle connection nut BS341 No.3

#						A	B	H
	DN	size	mm	inch		mm	mm	mm
DS-R5/8	5	-03	4.7	3/16	5/8 BSP	28.5	21.0	27



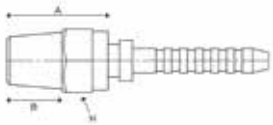
O-ring bottle connection insert to suit 5/8 BSP nut

#						A
	DN	size	mm	inch		mm
ABD244	5	-03	4.7	3/16	Insert	28.0



BSPT Male fixed

#						A	B	H
	DN	size	mm	inch		mm	mm	mm
ABD248	5	-03	4.7	3/16	1/8 BSPT	19.3	10.5	12.0
ABD256	5	-03	4.7	3/16	1/4 BSPT	21.5	14.5	14.0

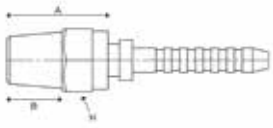


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



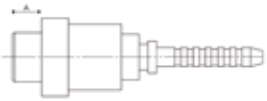
NPT Male fixed

#	DN	size	mm	inch		A mm	B mm	H mm
K91PX-4-03	5	-03	4.7	3/16	1/4 NPT Male	19.0	14.0	14.0



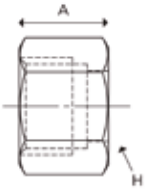
CO_2 Bottle connection insert to suit BS 341 No. 8 nut

#	DN	size	mm	inch		A mm
ABD265	5	-03	4.7	3/16	CO_2 Female Insert	7.2



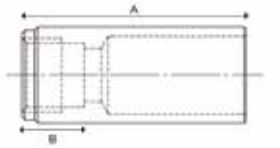
CO_2 Female nut BS 341 No.8

#	DN	size	mm	inch		A mm	H mm
ABD251	5	-03	4.7	3/16	21.8 Whitworth	21.0	28.0



CO_2 Female knurled BS 341 No.8

#	DN	size	mm	inch		A mm	B mm
ABD253	5	-03	4.7	3/16	21.8 Whitworth	70.0	19.5



Plastic hand wheel to suit CO_2 and N_2 nut

#	DN	size	mm	inch		A mm	H mm
ABD950	-	-	-	-	-	-	28.0



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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547-4 / AG1W / 328-4
1/4" BEVERAGE DISPENSING

CO_2 and mixed gas applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
547-4	6	-04	6.3	1/4	12.1	210	3,100	860	12,400	100.0	0.09
AG1W-04	6	-04	6.3	1/4	11.9	300	4,350	1200	17,400	40.0	0.16
328-4 EXT	6	-04	6.3	1/4	12.3	350	5,000	1400	20,000	100.0	0.15

APPLICATIONS
Specifically designed for CO_2 and mixed gas dispensing lines requiring food approval (F.D.A).

FEATURES
- Excellent flex fatigue resistance
- Fungus resistant
- FDA approved inner tube material
- Small bend radius

CONSTRUCTION - 547
Core tube: Polyester elastomer compound.
Pressure reinforcement: Polyester.
Cover: Polyurethane compound, pinpricked.
Colour: Grey.

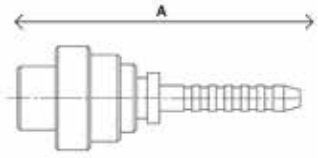
CONSTRUCTION - AG1W
Core tube: Polyamide.
Pressure reinforcement: One braided layer of high tensile steel wire.
Cover: Polyurethane.
Colour: Black.

CONSTRUCTION - 328 EXT
Core tube: Polyester elastomer compound.
Pressure reinforcement: Aramid.
Cover: Polyurethane compound, pinpricked.
Colour: Grey.

TEMPERATURE RANGE
-40˚C up to +100˚C.

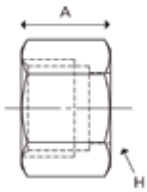
FITTINGS
CO_2 Bottle connection insert to suit BS 341 No.8 nut

#	DN	size	mm	inch		A mm
ABD250	6	-04	6.4	1/4	-	53.5



CO_2 Female nut BS 341 No.8

#	DN	size	mm	inch		A mm	H mm
ABD251	6	-04	6.4	1/4	21.8 Whitworth	21.0	28.0



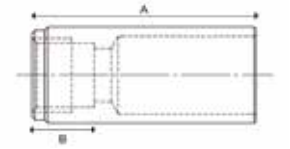
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

547-4 / AG1W / 328-4
1/4" BEVERAGE DISPENSING



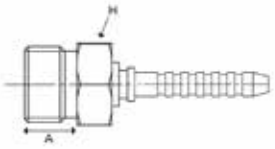
CO_2 Female knurled BS 341 No.8

#	DN	size	mm	inch		A mm	B mm
ABD253	6	-04	6.4	1/4	21.8 Whitworth	70.0	19.5



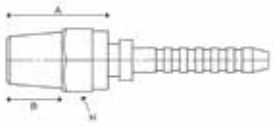
CO_2 Male fixed BS 341 No.8

#	DN	size	mm	inch		A mm	H mm
ABD249	6	-04	6.4	1/4	21.8 Whitworth	15.0	23.2



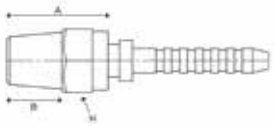
NPT Male fixed

#	DN	size	mm	inch		A mm	B mm	H mm
ABD255	6	-04	6.4	1/4	1/4 NPT Male	19.0	14.0	14.0



BSPT Male fixed

#	DN	size	mm	inch		A mm	B mm	H mm
ABD256	6	-04	6.4	1/4	1/4 BSPT	21.5	14.5	14.0



Plastic hand wheel to suit CO_2 and N_2 nut

#	DN	size	mm	inch		A mm	H mm
ABD950	-	-	-	-	-	-	28.0



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



HPG-04
INDUSTRIAL GAS DISPENSE

Gas applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
HPG-04	6	-04	6.35	1/4	9.25	260	3783	780	11,349	30.0	0.11

APPLICATIONS
For heavy duty use with HP gases, steam, paints, fuels and oils.

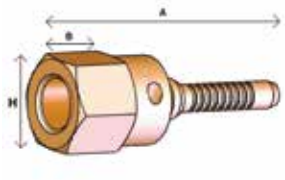
FEATURES
- Post sintered hose for low permeation when using industrial gases
- Heavy walled PTFE liner
- Excellent chemical resistance
- FDA approved liner
- Long continuous lengths

CONSTRUCTION
Core tube: Seamless extruded PTFE tube – post sintered.
Pressure reinforcement: Stainless steel 304 wire.
Cover: Available on request at an extra cost.

TEMPERATURE RANGE
-56˚C up to +250˚C.

FITTINGS
BSPT Fixed female brass

#	DN	size	mm	inch		A mm	B mm	H mm
DN6	-	-04	6.4	1/4	1/4 BSPT female	61.5	26.0	20.7



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

ESH
SEWER CLEANING



Sewer cleaning applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
ESH-08	12	-08	12.7	1/2	20.6	200	2,900	500	7,250	100.0	0.23
ESH-12	20	-12	19.2	3/4	28.6	200	2,900	500	7,250	125.0	0.37
ESH-16	25	-16	25.3	1	36.6	200	2,900	500	7,250	150.0	0.59
ESH-20	32	-20	31.9	1 1/4	46.0	200	2,900	500	7,250	225.0	0.89

APPLICATIONS
Hydrodynamic cleaning of sewers.

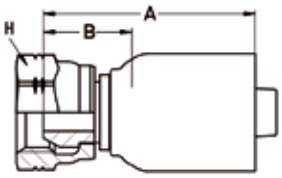
FEATURES
- Fibre reinforced product meaning low weight and high flexibility
- Abrasion resistant cover
- Excellent cover bonding

CONSTRUCTION
Core tube: Polyethylene compound, grey.
Pressure reinforcement: Two braided layers of high tensile synthetic yarn.
Cover: Polyurethane compound.
Colour: Yellow.

TEMPERATURE RANGE
-10˚C up to +50˚C.

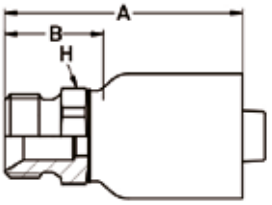
FITTINGS
BSP Female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
192EH-08-08	12	-08	12.8	1/2	G 1/2	57.0	22.0	27.0	250	3,625
192EH-12-12	20	-12	19.6	3/4	G 3/4	61.0	22.0	32.0	250	3,625
192EH-16-16	25	-16	25.0	1	G 1	55.0	25.0	41.0	250	3,625
192EH-20-20	32	-20	32.0	1 1/4	G 1 1/4	80.0	32.0	50.0	250	3,625



BSP Male: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1D9EH-08-08	12	-08	12.8	1/2	G 1/2	64.0	30.0	27.0	250	3,625
1D9EH-12-12	20	-12	19.6	3/4	G 3/4	72.0	33.0	32.0	250	3,625
1D9EH-16-16	25	-16	25.0	1	G 1	72.0	42.0	41.0	250	3,625
1D9EH-20-20	32	-20	32.0	1 1/4	G 1 1/4	93.0	45.0	50.0	250	3,625

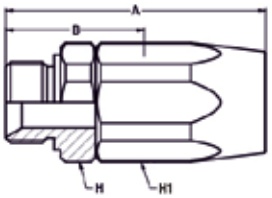


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



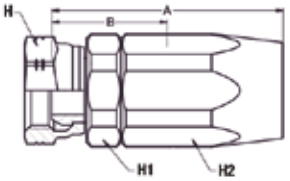
Field attachable BSP male: Carbon steel, zinc plated.

#					A	B	H	H1		
	DN	size	mm	inch		mm	mm	mm	mm	bar	psi
2D9NC-08-08	12	-08	12.8	1/2	G 1/2	75.0	35.0	27.0	27.0	170	2,465
2D9NC-12-12	20	-12	19.6	3/4	G 3/4	86.0	38.0	36.0	36.0	170	2,465
2D9NC-16-16	25	-16	25.0	1	G 1	100.0	50.0	46.0	46.0	170	2,465
2D9NC-20-20	32	-20	32.0	1 1/4	G 1 1/4	113.0	60.0	55.0	55.0	170	2,465



Field attachable BSP female swivel (60° cone): Carbon steel, zinc plated.

#					A	B	H	H1	H2		
	DN	size	mm	inch		mm	mm	mm	mm	mm	bar	psi
292NC-08-08	12	-08	12.8	1/2	G 1/2	77.0	37.0	27.0	27.0	27.0	170	2,465
292NC-12-12	20	-12	19.6	3/4	G 3/4	87.0	39.0	32.0	36.0	36.0	170	2,465
292NC-16-16	25	-16	25.0	1	G 1	100.0	50.0	46.0	46.0	46.0	170	2,465
292NC-20-20	32	-20	32	1 1/4	G 1/4	113.0	60.0	55.0	55.0	55.0	170	2,465



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

ESH 250
SEWER CLEANING



Sewer cleaning applications

#										
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
ESH250-08	12	-08	12.4	1/2	21.2	250	3,625	625	9,060	100.0	0.24
ESH250-12	20	-12	19.0	3/4	28.6	250	3,625	625	9,060	125.0	0.40
ESH250-16	25	-16	25.4	1	36.5	250	3,625	625	9,060	150.0	0.60
ESH250-20	32	-20	32.0	1 1/4	46.0	250	3,625	625	9,060	225.0	1.00

APPLICATIONS
Hydrodynamic cleaning of sewers.

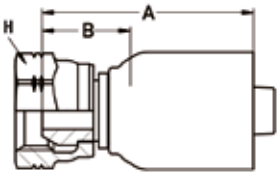
FEATURES
- Fibre reinforced product meaning low weight and high flexibility
- Abrasion, cut and kink resistant cover
- Very high pressure
- Long continuous lengths

CONSTRUCTION
Core tube: Thermoplastic elastomere.
Pressure reinforcement: Two braided layers of high tensile synthetic fibre, homogenous compound.
Cover: Polyurethane, extreme abrasion and cut resistance.
Colour: Red.

TEMPERATURE RANGE
-10˚C up to +50˚C.

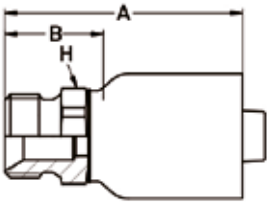
FITTINGS
BSP Female swivel (60˚ cone): Carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
192EH-08-08	12	-08	12.8	1/2	G 1/2	57.0	22.0	27.0	250	3,625
192EH-12-12	20	-12	19.6	3/4	G 3/4	61.0	22.0	32.0	250	3,625
192EH-16-16	25	-16	25.0	1	G 1	55.0	25.0	41.0	250	3,625
192EH-20-20	32	-20	32.0	1 1/4	G 1 1/4	80.0	32.0	50.0	250	3,625



BSP Male: Carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1D9EH-08-08	12	-08	12.8	1/2	G 1/2	64.0	30.0	27.0	250	3,625
1D9EH-12-12	20	-12	19.6	3/4	G 3/4	72.0	33.0	32.0	250	3,625
1D9EH-16-16	25	-16	25.0	1	G 1	72.0	42.0	41.0	250	3,625
1D9EH-20-20	32	-20	32.0	1 1/4	G 1 1/4	93.0	45.0	50.0	250	3,625

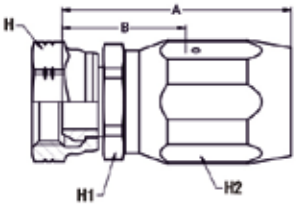


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



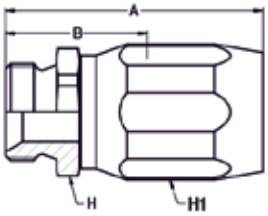
Field attachable BSP female swivel (60° cone): Carbon steel, zinc plated

#						A	B	H	H1	H2		
	DN	size	mm	inch		mm	mm	mm	mm	mm	bar	psi
292EJ-8-08	12	-08	12.8	1/2	G 1/2	71.0	33.0	27.0	27.0	27.0	180	2,610
292EJ-12-12	20	-12	19.6	3/4	G 3/4	82.0	37.0	32.0	32.0	36.0	180	2,610
292EJ-16-16	25	-16	25.0	1	G 1	89.0	48.0	41.0	41.0	46.0	180	2,610
292EJ-20-20	32	-20	32.0	1 1/4	G 1 1/4	112.0	59.0	50.0	50.0	55.0	180	2,610



Field attachable BSP male: Carbon steel, zinc plated.

#						A	B	H	H1		
	DN	size	mm	inch		mm	mm	mm	mm	bar	psi
2D9EJ-8-08	12	-08	12.8	1/2	G 1/2	70.0	32.0	27.0	27.0	180	2,610
2D9EJ-12-12	20	-12	19.6	3/4	G 3/4	83.0	38.0	32.0	36.0	180	2,610
2D9EJ-16-16	25	-16	25.0	1	G 1	91.0	50.0	41.0	46.0	180	2,610
2D9EJ-20-20	32	-20	32.0	1 1/4	G 1 1/4	112.0	59.0	50.0	55.0	180	2,610





Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2370N
PERFORMANCE EXCEEDS DIN 20 022



Hose applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2370N-04V10	6	-04	6.3	1/4	12.4	465	6,750	1860	26,970	70.0	0.19
2370N-05V10	8	-05	8.2	5/16	14.3	440	6,380	1760	25,520	100.0	0.25
2370N-06V10	10	-06	9.8	3/8	16.4	420	6,090	1680	24,360	120.0	0.33
2370N-08V10	12	-08	12.8	1/2	20.0	350	5,075	1400	20,300	150.0	0.42

APPLICATIONS
Medium pressure service for general industrial and mobile hydraulic applications as well as with gases.
Usable for a wide variety of fluids due to the polyamide core tube.

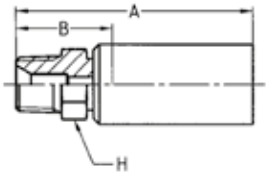
FEATURES
- Working pressures up to 465 bar
- Short ferrules allowing more flexibility in fixtures
- Excellent chemical resistance due to polyamide core tube

CONSTRUCTION
Core tube: Polyamide; alternative -08: polyester elastomer.
Pressure reinforcement: Two spiral layers of high tensile steel wire, two open spiral layers of high tensile synthetic fibre.
Cover: Polyurethane.
Colour: Black; other colours on request.

TEMPERATURE RANGE
-40˚C up to +100˚C (short term +120˚C) for petroleum or synthetic hydraulic fluids.

FITTINGS
National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#						A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
101NX-4-04	6	-04	6.4	1/4	1/4 - 18 NPTF	65.0	33.0	14.0	345
101NX-6-05	8	-05	7.9	5/16	3/8 - 18 NPTF	64.0	30.0	19.0	275
101NX-6-06	10	-06	9.5	3/8	3/8 - 18 NPTF	71.0	31.0	19.0	275
101NX-8-06	10	-06	9.5	3/8	1/2 - 14 NPTF	76.0	36.0	22.0	240
101NX-8-08	12	-08	12.7	1/2	1/2 - 14 NPTF	79.0	37.0	22.0	240



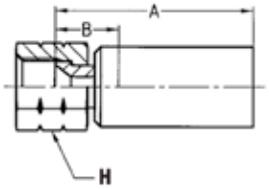
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2370N
PERFORMANCE EXCEEDS DIN 20 022

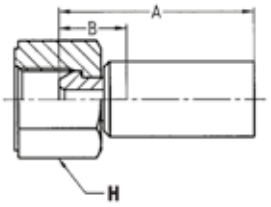
SAE (JIC) 37° female swivel: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#	DN	size	mm	inch		A mm	B mm	H mm	bar
106NX-4-04	6	-04	6.4	1/4	7/16 - 20 UNF	58.0	25.0	19.0	410
106NX-5-04	6	-04	6.4	1/4	1/2 - 20 UNF	55.0	23.0	19.0	410
106NX-6-05	8	-05	7.9	5/16	9/16 - 18 UNF	50.0	16.0	19.0	345
106NX-6-06	10	-06	9.5	3/8	9/16 - 18 UNF	59.0	18.0	22.0	345
106NX-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	59.0	19.0	24.0	345
106NX-8-08	12	-08	12.7	1/2	3/4 - 16 UNF	64.0	21.0	27.0	345
106NX-10-08	12	-08	12.7	1/2	7/8 - 14 UNF	62.0	19.0	27.0	345



BSP female swivel 60° cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#	DN	size	mm	inch		A mm	B mm	H mm	bar
192NX-4-04	6	-04	6.4	1/4	G 1/4	56.0	25.0	19.0	630
192NX-6-05	8	-05	7.9	5/16	G 3/8	52.0	18.0	22.0	550
192NX-6-06	10	-06	9.5	3/8	G 3/8	59.0	19.0	22.0	550
192NX-8-06	10	-06	9.5	3/8	G 1/2	60.0	20.0	27.0	430
192NX-8-08	12	-08	12.7	1.2	G 1/2	63.0	20.0	27.0	430





For Umbilical applications, please refer to the Umbilical subsection on page 125.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2245N
PERFORMANCE EXCEEDS SAE 100R9



General applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2245N-04V00	6	-04	6.3	1/4	12.5	450	6,525	1800	16,100	70.0	0.25
2245N-05V00	8	-05	8.2	5/16	14.3	440	5,800	1600	23,200	100.0	0.32
2245N-06V00	10	-06	9.7	3/8	17.0	375	5,435	1500	21,750	120.0	0.42
2245N-08V00	12	-08	12.8	1/2	20.7	350	5,075	1400	20,300	165.0	0.52
2245N-10V30	16	-10	16.0	5/8	24.5	330	4,785	1320	19,140	200.0	0.72
2245N-12V30	20	-12	19.6	3/4	28.5	300	4,350	1200	17,400	240.0	0.92
2245N-16V30	25	-16	25.0	1	34.0	275	3,985	1100	15,950	280.0	1.15

APPLICATIONS
High pressure service for general industrial and mobile hydraulic applications as well as with gases.
Suitable for a wide variety of fluids due to the polyamide core tube.

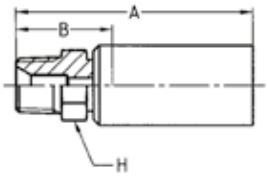
FEATURES
- High working pressures for large bore sizes
- Combination of spiral and braided wire reinforcement
- Excellent chemical resistance due to polyamide core tube

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Two spiral layers of high tensile steel wire, one braided layer of steel wire.
Cover: Polyurethane; -10 and above: polyamide.
Colour: Black; other colours on request.

TEMPERATURE RANGE
-40˚C up to +100˚C (short term +120˚C) for petroleum or synthetic hydraulic fluids.

FITTINGS
National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#						A	B	H	
	DN	size	mm	inch		mm	mm	mm	bar
101NX-4-04	6	-04	6.4	1/4	1/4 - 18 NPTF	65.0	33.0	14.0	345
101NX-6-05	8	-05	7.9	5/16	3/8 - 18 NPTF	64.0	30.0	19.0	275
101NX-6-06	10	-06	9.5	3/8	3/8 - 18 NPTF	71.0	31.0	19.0	275
101NX-8-06	10	-06	9.5	3/8	1/2 - 14 NPTF	76.0	36.0	22.0	240
101NX-8-08	12	-08	12.7	1/2	1/2 - 14 NPTF	79.0	37.0	22.0	240
101NX-12-10	16	-10	15.9	1/2	3/4 - 14 NPTF	89.0	38.0	27.0	210
101NX-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	91.0	40.0	27.0	210
101NX-16-12	20	-12	19.0	3/4	1 - 11 1/2 NPTF	96.0	45.0	36.0	170
101NX-16-16	25	-16	25.4	1	1 - 11 1/2 NPTF	96.0	45.0	36.0	170
101NX-20-16	25	-16	25.4	1	1 1/4 - 11 1/2 NPTF	97.0	46.0	46.0	150

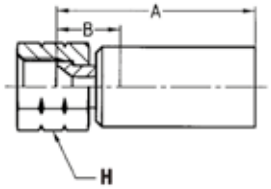


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



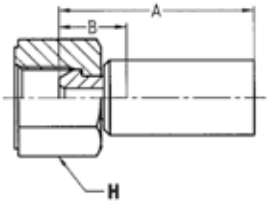
2245N
PERFORMANCE EXCEEDS SAE 100R9

SAE (JIC) 37° female swivel: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.



#	DN	size	mm	inch		A mm	B mm	H mm	bar
106NX-4-04	6	-04	6.4	1/4	7/16 - 20 UNF	58.0	25.0	19.0	410
106NX-5-04	6	-04	6.4	1/4	1/2 - 20 UNF	55.0	23.0	19.0	410
106NX-6-05	8	-05	7.9	5/16	9/16 - 18 UNF	50.0	16.0	19.0	345
106NX-6-06	10	-06	9.5	3/8	9/16 - 18 UNF	59.0	18.0	22.0	345
106NX-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	59.0	19.0	24.0	345
106NX-8-08	12	-08	12.7	1/2	3/4 - 16 UNF	64.0	21.0	27.0	345
106NX-10-08	12	-08	12.7	1/2	7/8 - 14 UNF	62.0	19.0	27.0	345
106NX-10-10	16	-10	15.9	5/8	7/8 - 14 UNF	73.0	22.0	27.0	345
106NX-12-10	16	-10	15.9	5/8	1 1/16 - 12 UNF	73.0	22.0	32.0	345
106NX-12-12	20	-12	19.0	3/4	1 1/16 - 12 UNF	79.0	28.0	36.0	345
106NX-16-12	20	-12	19.0	3/4	1 5/16 - 12 UNF	75.0	24.0	41.0	275
106NX-16-16	25	-16	25.4	1	1 5/16 - 12 UNF	77.0	26.0	41.0	275
106NX-20-16	25	-16	25.4	1	1 5/8 - 12 UNF	75.0	24.0	50.0	200

BSP Female swivel 60° cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.



#	DN	size	mm	inch		A mm	B mm	H mm	bar
192NX-4-04	6	-04	6.4	1/4	G 1/4	56.0	25.0	19.0	630
192NX-6-05	8	-05	7.9	5/16	G 3/8	52.0	18.0	22.0	550
192NX-6-06	10	-06	9.5	3/8	G 3/8	59.0	19.0	22.0	550
192NX-8-06	10	-06	9.5	3/8	G 1/2	60.0	20.0	27.0	430
192NX-8-08	12	-08	12.7	1.2	G 1/2	63.0	20.0	27.0	430
192NX-12-10	16	-10	15.9	5/8	G 3/4	73.0	22.0	32.0	375
192NX-12-12	20	-12	19.0	3/4	G 3/4	77.0	26.0	32.0	375
192NX-16-12	20	-12	19.0	3/4	G 1	77.0	26.0	41.0	280
192NX-16-16	25	-16	25.4	1	G 1	88.0	27.0	41.0	280
192NX-20-16	25	-16	25.4	1	G 1 1/4	77.0	26.0	50.0	250

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2022N
NON-CONDUCTIVE 5,000 & 10,000 PSI



Non-conductive applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2022N-04V15-5K	6	-04	6.4	1/4	12.7	345	5,000	1380	20,000	51.0	0.12
2022N-06V15-5K	10	-06	9.7	3/8	16.1	345	5,000	1380	20,000	76.0	0.15
2022N-08V15-5K	12	-08	12.9	1/2	20.8	345	5,000	1380	20,000	102.0	0.17
2022N-04V15-10K	6	-04	6.4	1/4	13.8	690	10,000	2760	40,000	100.0	0.14
2022N-06V15-10K	10	-06	9.7	3/8	19.0	690	10,000	2760	40,000	100.0	0.24
2022N-08V15-10K	12	-08	12.9	1/2	23.0	690	10,000	2760	40,000	100.0	0.34

APPLICATIONS
High pressure applications where non-conductivity is required. For offshore use due to methanol washed bore and sea water resistant cover. Often used for offshore umbilicals.

FEATURES
- Sea water resistant cover
- Methanol washed bore
- Fibre reinforced for flexibility and light weight

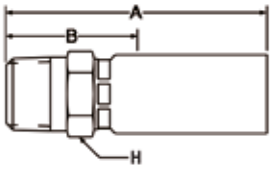
CONSTRUCTION
Core tube: Polyamide 11, methanol washed.
Pressure reinforcement: Two braided layers of high tensile aramid fibre.
Cover: Sea water resistant TPU.
Colour: Orange.

TEMPERATURE RANGE
-40˚C up to +55˚C.

FITTINGS - 5,000 psi hoses only.

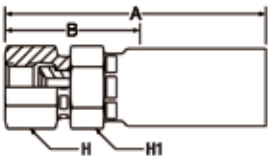
NPT Male 60° cone: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
10155-4-4	6	-04	6.4	1/4	1/4 - 18 NPTF	59.0	30.0	18.0	345	5,000
10155-6-4	6	-04	6.4	1/4	3/8 - 18 NPTF	62.0	30.0	17.0	345	5,000
10155-6-6	10	-06	9.5	3/8	3/8 - 18 NPTF	70.0	33.0	19.0	275	4,000
10155-8-8	12	-08	12.7	1/2	1/2 - 14 NPTF	77.0	36.0	27.0	240	3,500



JIC Female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	H1 mm	bar	psi
10655-4-4	6	-04	6.4	1/4	7/16 - 20 UNF	65.0	33.0	17.0	17.0	345	5,000
10655-6-6	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	19.0	19.0	345	5,000
10655-8-8	12	-08	12.7	1/2	3/4 - 16 UNF	79.0	38.0	21.0	21.0	345	5,000



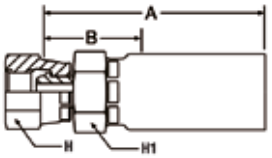
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2022N
NON-CONDUCTIVE 5,000 & 10,000 PSI

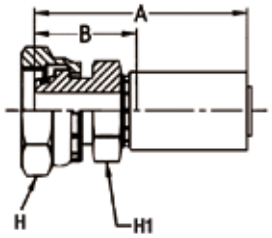
BSP Female swivel (60° cone): Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	H1 mm	bar	psi
19255-4-4	6	-04	6.4	1/4	G 1/4	58.0	26.0	19.0	17.0	345	5,000
19255-6-6	10	-06	9.5	3/8	G 3/8	64.0	27.0	22.0	19.0	345	5,000
19255-8-8	12	-08	12.7	1/2	G 1/2	73.0	32.0	27.0	24.0	345	5,000



Metric female swivel: Carbon steel, zinc plated

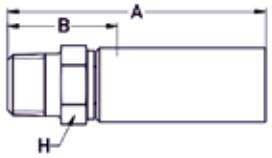
#	DN	size	mm	inch		A mm	B mm	H mm	H1 mm	bar	psi
1C955-8-4	6	-04	6.4	1/4	M16 x 1.5	70.0	38.0	19.0	17.0	345	5,000
1C955-10-4	6	-04	6.4	1/4	M18 x 1.5	67.0	36.0	22.0	19.0	345	5,000
1C955-12-4	6	-04	6.4	1/4	M20 x 1.5	64.0	32.0	24.0	19.0	345	5,000
1C955-12-6	10	-06	9.5	3/8	M20 x 1.5	68.0	32.0	24.0	19.0	345	5,000
1C955-16-8	12	-08	12.7	1/2	M24 x 1.5	77.0	36.0	30.0	24.0	345	5,000



FITTINGS - 10,000 psi hoses only.

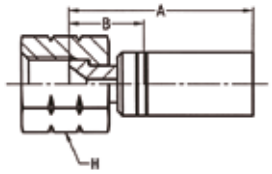
NPT Male: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1018X-4-04	6	-04	6.4	1/4	1/4 - 18 NPTF	65.0	33.0	14.0	800	11,600
1018X-6-04	6	-04	6.4	1/4	3/8 - 18 NPTF	67.0	35.0	19.0	800	11,600
601LX-8-8	12	-08	12.7	1/2	1/2 NPT	95.0	43.0	29.0	1034	15,000



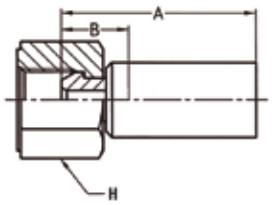
JIC Female swivel: Stainless steel (AISI 316), other materials on request.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1068X-6-04C	6	-04	6.4	1/4	9/16 - 18 UNF	55.0	24.0	19.0	690	10,000
1063X-6-06C	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	22.0	690	10,000
106LX-8-08C	12	-08	12.7	1/2	3/4 - 16 UNF	85.0	41.0	24.0	690	10,000



BSP Female swivel 60° cone: Stainless steel (AISI 316), other materials on request.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1928X-6-04C	6	-04	6.4	1/4	G 1/4	56.0	25.0	19.0	690	10,000
1923X-8-06C	10	-06	9.5	3/8	G 1/2	66.0	22.0	30.0	690	10,000



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2380N-MSHA
700 BAR – MDG41 COMPLIANT



Mining applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2380N-04V10-MSHA	6	-04	6.3	1/4	13.3	700	10,150	2800	40,600	70.0	0.28

APPLICATIONS
Hydraulic applications in a mining environment where MDG 41 specifications are required.

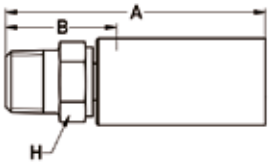
FEATURES
- Extremely high abrasion resistant. Exceeds ISO 6945 by factor of 10
- Impulse life > 200,000 cycles
- Fittings with special 'ZE' plating meets the minimum 200 hrs (red rust) salt spray test
- Hose cover MSHA approved IC40/31
- Can be fitted with MSHA burst resistant sleeve

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire.
Cover: Polyurethane, MSHA approved.
Colour: Black.

TEMPERATURE RANGE
-40˚C up to +100˚C.

FITTINGS
National pipe tapered (NPT) male: Carbon steel, special plating for high corrosion protection in mining applications.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1018X-4-04ZE	6	-04	6.4	1/4	1/4 NPTF	65.0	33.0	14.0	800	11,600
1018X-6-04ZE	6	-04	6.4	1/4	3/8 NPTF	67.0	35.0	19.0	800	11,600





Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2340N
720 BAR JACKING & RESCUE

Hydraulic applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2340N-04	6	-04	6.4	1/4	12.5	720	10,440	2880	41,760	70.0	0.25
2340N-04-04	6	-04	6.4	1/4	12.5	720	10,440	2880	41,760	70.0	0.5

APPLICATIONS
High pressure service for use with petroleum or synthetic hydraulic fluids. Hydraulic tools including jacking, presses and torque wrenches. Used widely within rescue tool industry.

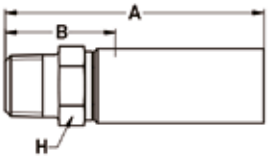
FEATURES
- High kink resistance and high flexibility
- 4:1 Safety factor
- Available in twin line
- Excellent chemical resistance
- Wide range of matched fittings available

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire.
Cover: Polyurethane.
Colour: Custom branding available.

TEMPERATURE RANGE
-40˚C up to +100˚C.

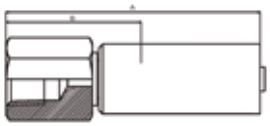
FITTINGS
NPT Male: Mild steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1018X-4-04	6	-04	6.4	1/4	1/4 - 18 NPTF	65.0	33.0	14.0	800	11,600
1018X-6-04	6	-04	6.4	1/4	3/8 - 18 NPTF	67.0	35.0	19.0	800	11,600



NPT Fixed Female: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1028X-4-04	6	-04	6.4	1/4	1/4 - 18 NPTF	70.0	38.0	19.0	800	11,600
1028X-6-04	6	-04	6.4	1/4	3/8 - 18 NPTF	74.0	42.0	24.0	800	11,600



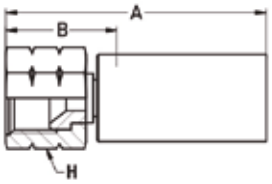
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2340N
720 BAR JACKING & RESCUE



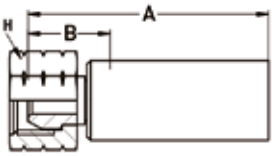
JIC Female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1068X-4-04	6	-04	6.4	1/4	7/16 - 20 UNF	57.0	26.0	19.0	800	11,600
1068X-5-04	6	-04	6.4	1/4	1/2 - 20 UNF	67.0	35.0	19.0	800	11,600
1068X-6-04	6	-04	6.4	1/4	9/16 - 18 UNF	55.0	24.0	19.0	800	11,600



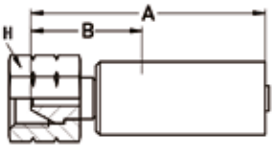
NPSM Female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1078X-4-04	6	-04	6.4	1/4	1/4 - 18 NPSM	59.0	28.0	19.0	800	11,600



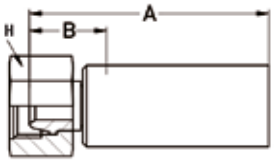
Type "M" female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1AY8X-6-04	6	-04	6.4	1/4	9/16 - 18 UNF	60.0	28.0	19.0	800	11,600



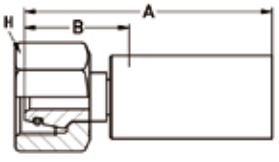
Metric female swivel light series: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C38X-8-04	6	-04	6.4	1/4	M14 x 1.5	62.0	30.0	19.0	800	11,600



Metric female swivel heavy series with o-ring: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C98X-8-04	6	-04	6.4	1/4	M16 x 1.5	59.0	27.0	19.0	800	11,600
1C98X-10-04	6	-04	6.4	1/4	M18 x 1.5	56.0	33.0	22.0	800	11,600



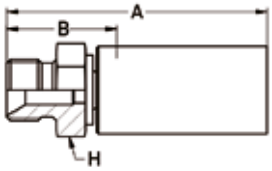
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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2340N
720 BAR JACKING & RESCUE

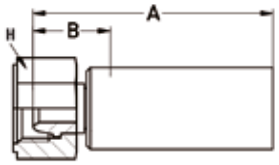
BSP Male: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1D98X-4-04	6	-04	6.4	1/4	G 1/4	67.0	35.0	19.0	800	11,600



BSP Female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1U08X-4-04	6	-04	6.4	1/4	G 1/4	58.0	27.0	19.0	800	11,600





For 700 bar hose accessories, please refer to the couplings and accessories section on page 215.
More fittings on page 134.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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2X80N
HYDRAULIC JACKING



Hydraulic applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2X80N-06V10	10	-06	9.8	3/8	18.6	700	10,150	2800	40,600	70.0	0.54

APPLICATIONS
High pressure service for use with petroleum or synthetic hydraulic fluids, where increased flow is required, jacking and rescue tools.

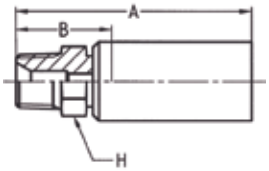
FEATURES
- High kink resistance and high flexibility for hydraulic tools including jacking where increased flow is required or where pressure drop is a concern
- 4:1 Safety factor
- Matched high pressure fittings

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Steel wire / aramid combination.
Cover: Polyurethane.
Colour: Custom branding and colour available.

TEMPERATURE RANGE
-40˚C up to +100˚C.

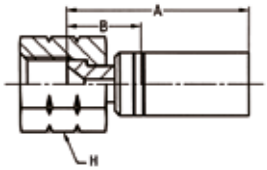
FITTINGS
NPT Male: Mild steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
101LX-6-06	10	-06	9.5	3/8	3/8 - 18 NPT	71.0	31.0	22.0	700	10,150



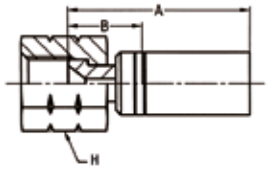
JIC Female swivel: Stainless steel (AISI 316), other materials on request.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
106LX-6-06C	10	-06	9.5	3/8	9/16 - 18UNF	59.0	18.0	22.0	690	10,000
106LX-8-06C	10	-06	9.5	3/8	3/4 - 16UNF	59.0	19.0	24.0	865	12,500



JIC Female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
106LX-6-06	10	-06	9.5	3/8	3/4 - 16UNF	59.0	19.0	24.0	690	10,000

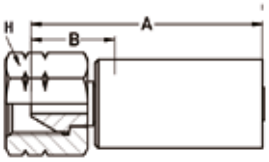


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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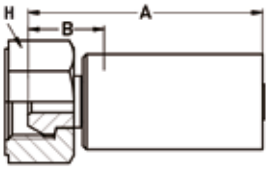
Type "M" female swivel: High strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1AYLX-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	40.0	26.0	27.0	1400	20,300



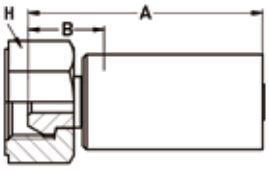
BSP Female swivel (60° cone): High strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
192LX-8-06	10	-06	9.5	3/8	G 1/2	66.0	22.0	30.0	1400	20,300



Metric female swivel Heavy Series with O-ring: High strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C9LX-14-06	10	-06	9.5	3/8	M22 x 1.5	76.0	30.0	30.0	1400	20,300





Parker

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2244N
HYDRAULIC & WATER JETTING



Water jetting applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2244N-06V10W	10	-06	9.7	3/8	18.0	860	12,470	2150	31,175	120.0	0.50
2244N-08V10W	12	-08	12.8	1/2	22.7	880	12,760	2200	31,900	150.0	0.80

Hydraulic applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2244N-025V00	4	-025	3.9	5/32	9.6	750	10,875	3000	43,500	55.0	0.19
2244N-06V00	10	-06	9.8	3/8	18.0	535	7,755	2150	31,175	120.0	0.50
2244N-08V10	12	-08	12.9	1/2	22.7	550	7,975	2200	31,900	150.0	0.80
2244N-20V30	32	-20	31.8	1 1/4	44.0	275	3,990	1100	15,950	400.0	1.83

APPLICATIONS
Multi-purpose hose used in hydraulics and water jetting. Spiral and braided construction.

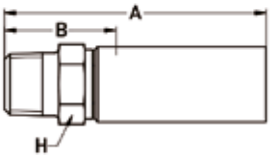
FEATURES
- Resistant to twisting applications due to braided construction
- 4:1 Safety factor supplied as standard
- 2.5:1 Safety factor version available on request for water jetting applications

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Two spiral layers, one braided layer of high tensile steel wire.
Cover: Polyurethane, DN32: Polyamide.
Colour: Black.

TEMPERATURE RANGE
-10˚C up to +70˚C for water jetting applications.
-40˚C up to +100˚C for hydraulic applications.

FITTINGS
NPT Male: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1018X-2-025	4	-025	4.0	5/32	1/8 - 27 NPT	51.0	24.0	8.0	750	10,875
1018X-4-025	4	-025	4.0	5/32	1/4 - 18 NPT	59.0	32.0	13.0	750	10,875
1018X-6-06	10	-06	9.5	3/8	3/8 - 18 NPT	71.0	31.0	19.0	535	7,755
1018X-8-06	10	-06	9.5	3/8	1/2 - 14 NPT	76.0	36.0	22.0	535	7,755
1018X-8-08	12	-08	12.7	1/2	1/2 - 14 NPT	79.0	37.0	22.0	550	7,975

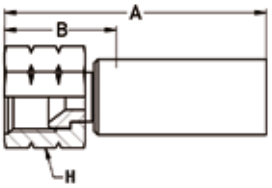


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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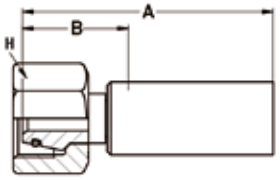
JIC Female swivel: Carbon steel, zinc plated.

#					A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1068X-6-06	10	-06	9.5	3/8	9/16 - 18 UNF	59.0	18.0	22.0	690	10,000
1068X-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	59.0	19.0	24.0	690	10,000
1068X-8-08	12	-08	12.7	1/2	3/4 - 16 UNF	64.0	21.0	27.0	690	10,000
1068X-10-08	12	-08	12.7	1/2	7/8 - 14 UNF	62.0	19.0	27.0	690	10,000



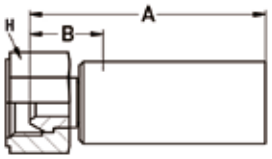
Metric female swivel heavy series with O-ring: Carbon steel, zinc plated.

#					A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1C98X-8-025	4	-025	4.0	5/32	M16 x 1.5	54.0	27.0	19.0	750	10,875
1C98X-12-06	10	-06	9.5	3/8	M20 x 1.5	70.0	30.0	24.0	535	7,755
1C98X-14-06	10	-06	9.5	3/8	M22 x 1.5	71.0	30.0	27.0	535	7,755
1C98X-16-08	12	-08	12.7	1/2	M24 x 1.5	78.0	35.0	30.0	550	7,975



BSP Female swivel (60° cone): Carbon steel, zinc plated.

#					A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1928X-4-025	4	-025	4.0	5/32	G 1/4	48.0	20.0	19.0	750	10,875
1928X-6-06	10	-06	9.5	3/8	G 3/8	59.0	19.0	22.0	535	7,755
1928X-8-06	10	-06	9.5	3/8	G 1/2	60.0	20.0	27.0	535	7,755
1928X-8-08	12	-08	12.7	1/2	G 1/2	63.0	20.0	27.0	550	7,975

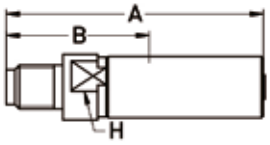


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
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2248D
TUBE CLEANING / LANCE HOSE

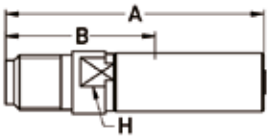


Metric male nozzle nipple: Carbon steel, zinc plated.



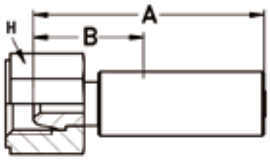
#					A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1YZTX-1-02WS	3	-02	3.0	1/8	M5	49.0	28.0	6.0	1100	15,950
1YZTX-1-025W	4	-025	4.0	5/32	M5	51.0	29.0	8.0	1500	21,750
1YZTX-2-25W	4	-025	4.0	5/32	M7	51.0	29.0	8.0	1500	21,750
1YZTX-4-025W	4	-025	4.0	5/32	M8	53.0	30.0	8.0	1500	21,750
1YZTX-5-025W	4	-025	4.0	5/32	M10 x 1	52.0	30.0	8.0	1500	21,750
1YZTX-2-03W	5	-03	4.8	3/16	M7	55.0	28.0	100.0	1500	21,750
1YZTX-4-03W	5	-03	4.8	3/16	M8	53.0	28.0	10.0	1500	21,750
1YZTX-5-05W	8	-05	7.9	5/16	M10 x 1	68.0	34.0	13.0	1000	14,500

BSP Male nozzle nipple: Carbon steel, zinc plated.



#					A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1YBTX-2-025W	4	-025	4.0	5/32	G 1/8	53.0	30.0	8.0	1500	21,750
1YBTX-4-025W	4	-025	4.0	5/32	G 1/4	54.0	30.0	10.0	1500	21,750
1YBTX-2-03W	5	-03	4.8	3/16	G 1/8	53.0	27.0	10.0	1500	21,750
1YBTX-4-03W	5	-03	4.8	3/16	G 1/4	58.0	31.0	10.0	1500	21,750
1YBTX-4-05W	8	-05	7.9	5/16	G 1/4	68.0	35.0	13.0	1000	14,500
1YBTX-6-05W	8	-05	7.9	5/16	G 3/8	71.0	37.0	17.0	1000	14,500

BSP Female swivel: Carbon steel, zinc plated.



#					A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1U0TX-4-025W	4	-025	4.0	5/32	G 1/4	45.0	23.0	17.0	1500	21,750
1U0TX-4-03W	5	-03	4.7	3/16	G 1/4	49.0	23.0	17.0	1500	21,750
1U0TX-6-05W	8	-05	7.9	5/16	G 3/8	60.0	26.0	27.0	1000	14,500

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



Water jetting applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2388N-04V12W	6	-04	6.3	1/4	13.3	1280	18,560	3200	46,400	80.0	0.30
2388N-08V12W	12	-08	13.0	1/2	23.0	1100	15,950	2750	39,875	100.0	0.80

Hydraulic applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2388N-04V00	6	-04	6.3	1/4	13.3	800	11,600	3200	46,400	80.0	0.30

APPLICATIONS
High pressure service for the construction and shipbuilding industries and for general industrial cleaning applications. Also used with hydraulic lifting equipment and tools.

FEATURES
- Mainly used to remove different kinds of dirt accumulation or materials from various surfaces
- Light weight when compared to equivalent rubber products
- 8X Fitting series used for hydraulics. BS Series for water jetting
- Highly flexible and abrasion resistant

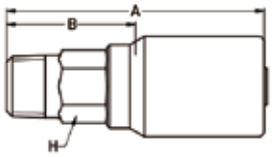
CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire.
Cover: Polyurethane.
Colour: Blue for water jetting, black for hydraulic.

TEMPERATURE RANGE
-10˚C up to +70˚C for water jetting applications.
-40˚C up to +100˚C for hydraulic applications.

FITTINGS - Water jetting applications.

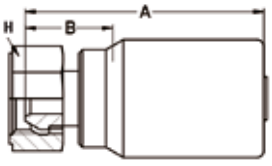
National pipe tapered (NPT) male: Carbon steel, zinc plated.
For stainless steel (AISI 316) add C to the Part Number. Other materials available on request.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
101BS-4-04	6	-04	6.3	1/4	1/4 NPT	60.0	30.0	14.0	1035	15,000
101BS-8-08	12	-08	12.7	1/2	1/2 NPT	93.0	40.0	22.0	1035	15,000
101BS-8-08C	12	-08	12.7	1/2	1/2 NPT	93.0	40.0	22.0	1035	15,000



BSP Female swivel (60° cone): Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
192BS-4-04	6	-04	6.4	1/4	G 1/4	54.0	20.0	19.0	1280	18,560
192BS-8-08	12	-08	12.7	1/2	G 1/2	81.0	28.0	27.0	1100	15,950



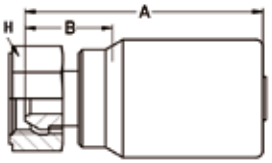
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2388N
HYDRAULIC & WATER JETTING



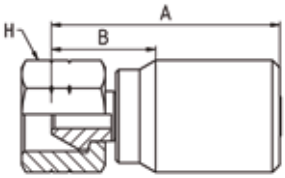
BSP Female swivel (60° cone): Stainless steel.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
192BS-8-08C	12	-08	12.7	1/2	G 1/2	81.0	28.0	27.0	1100	15,950



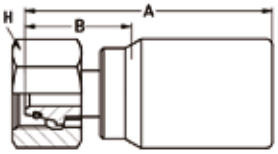
Type "M" female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1AYBS-11-08	12	-08	12.7	1/2	1 - 12 UNF	77.0	31.0	32.0	1100	15,950



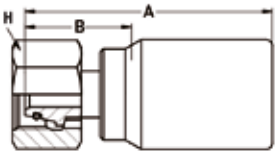
Metric female swivel heavy series with O-ring: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C9BS-10-04	6	-04	6.4	1/4	M18 x 1.5	63.0	32.0	22.0	1280	18,560
1C9BS-16-04	6	-04	6.4	1/4	M24 x 1.5	65.0	34.0	30.0	1280	18,560
1C9BS-14-08	12	-08	12.7	1/2	M22 x 1.5	89.0	36.0	27.0	1100	15,950
1C9BS-16-08	12	-08	12.7	1/2	M24 x 1.5	89.0	36.0	30.0	1100	15,950



Metric female swivel heavy series with O-ring: Stainless steel.

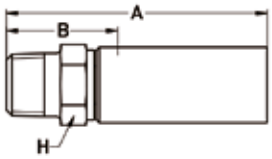
#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C9BS-14-08C	12	-08	12.7	1/2	M22 x 1.5	89.0	36.0	27.0	1100	15,950
1C9BS-16-08C	12	-08	12.7	1/2	M24 x 1.5	89.0	36.0	30.0	1100	15,950



FITTINGS - Hydraulic applications.

National pipe tapered (NPT) male: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1018X-4-04	6	-04	6.4	1/4	1/4 - 18 NPT	65.0	33.0	14.0	800	11,600
1018X-6-04	6	-04	6.4	1/4	3/8 - 18 NPT	67.0	35.0	19.0	800	11,600



Polyflex Lok components

#	Description
1TMBS-9-08-HPK	Fitting for DN12 hoses incl. caps (refer to page 84)

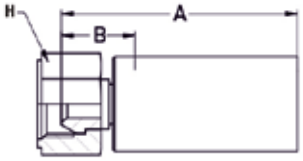


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



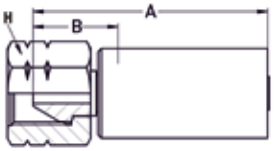
BSP Female swivel (60° cone): Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1928X-4-04	6	-04	6.4	1/4	G 1/4	56.0	25.0	19.0	800	11,600



Type "M" female swivel: Carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1AY8X-6-04	6	-04	6.4	1/4	9/16 - 18 UNF	65.0	33.0	19.0	800	11,600





Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2580N
WATER JETTING



Water jetting application

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2580N-06V12	10	-06	9.8	3/8	21.6	1600	23,200	4000	58,000	95.0	0.94
2580N-08V12	12	-08	12.9	1/2	25.0	1400	20,300	3500	50,750	110.0	1.19
2580N-12V12	20	-12	19.8	3/4	32.6	1200	17,400	3000	43,500	170.0	1.76

APPLICATIONS
Ultra high pressure service for use in hydro-demolition and cleaning in construction and shipbuilding industries and for general industrial cleaning applications. Also available as a mining hose / fitting combination.
Contact Abdex for further information.

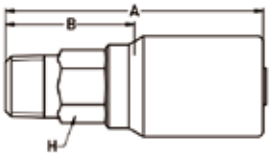
FEATURES
- Mainly used to remove different kinds of dirt accumulation or materials from various surfaces
- Light weight when compared to equivalent rubber products
- Highly flexible

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire.
Cover: Polyurethane.
Colour: Dark blue.

TEMPERATURE RANGE
-10˚C up to +70˚C.

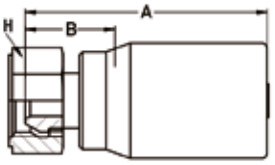
FITTINGS
National pipe tapered (NPT) male: Carbon steel, zinc plated / stainless steel.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
101BL-6-06	10	-06	9.8	3/8	3/8 x 14 NPT	80.0	35.0	22.0	1600	23,200
101BL-8-08	12	-08	12.7	1/2	1/2 x 14 NPT	90.0	45.0	22.0	1400	20,300
101BL-12-12	20	-12	19.6	3/4	3/4 x 14 NPT	98.0	45.0	30.0	1200	17,400



BSP Female swivel (60° cone): Carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
192BL-6-06	10	-06	9.8	3/8	G 3/8	68.0	24.0	22.0	1600	23,200
192BL-8-08	12	-08	12.7	1/2	G 1/2	71.0	26.0	27.0	1400	20,300
192BL-16-12	20	-12	19.6	3/4	G1	82.0	28.0	41.0	1200	17,400



Polyflex Lok components

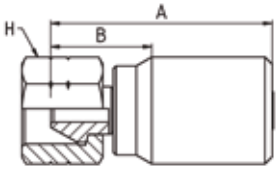
#	Description
1TMBL-9-08-HPK	Fitting for DN12 hoses incl. caps (refer to page 84)



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

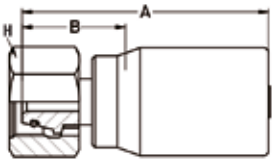


Type "M" female swivel: Carbon steel, zinc plated.



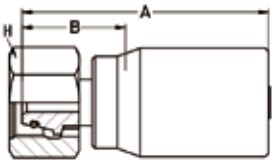
#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1AYBL-11-06	10	-06	9.8	3/8	1 - 12 UNF	77.0	31.0	32.0	1600	23,200
1AYBL-11-08	12	-08	12.7	1/2	1 - 12 UNF	77.0	31.0	32.0	1400	20,300
1AYBL-11-08C	12	-08	12.7	1/2	1 - 12 UNF	77.0	31.0	32.0	1400	20,300

Metric female swivel heavy series with O-ring: Carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C9BL-14-06	10	-06	9.8	3/8	M22 x 1.5	80.0	36.0	30.0	1600	23,200
1C9BL-16-06	10	-06	9.8	3/8	M24 x 1.5	84.0	36.0	30.0	1600	23,200
1C9BL-14-08	12	-08	12.7	1/2	M22 x 1.5	80.0	36.0	27.0	1400	20,300
1C9BL-16-08	12	-08	12.7	1/2	M24 x 1.5	80.0	36.0	30.0	1400	20,300
1C9BL-25-12	20	-12	19.6	3/4	M36 x 2.0	97.0	44.0	46.0	1200	17,400

Metric female swivel heavy series with O-ring: Stainless steel.



#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C9BL-14-08C	12	-08	12.7	1/2	M22 x 1.5	80.0	36.0	27.0	1400	20,300
1C9BL-16-08C	12	-08	12.7	1/2	M24 x 1.5	80.0	36.0	30.0	1400	20,300

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2440D / 2440N
HYDRAULIC & WATER JETTING



Hydraulic and water jetting applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2440D-02V32	3	-02	3.0	1/8	7.9	2070	30,000	5180	75,000	100.0	0.12
2440D-025V32	4	-025	4.0	5/32	10.4	2200	31,900	5500	79,750	100.0	0.21
2440D-03V32	5	-03	4.8	3/16	11.5	1800	26,100	4500	65,250	130.0	0.28
2440D-04V32	6	-04	6.4	1/4	12.5	1640	23,780	4100	59,450	155.0	0.33
2440D-05V32	8	-05	8.1	5/16	15.1	1500	21,750	3750	54,375	175.0	0.44
2440N-06V30	10	-06	9.7	3/8	19.4	1400	20,300	3500	50,750	190.0	0.73
2440N-08V30	12	-08	12.8	1/2	22.5	1400	20,300	3500	50,750	200.0	0.95
2440N-12V30	20	-12	19.6	3/4	30.0	1000	14,500	2500	36,250	250.0	1.39
2440N-16V30	25	-16	25.0	1	37.0	900	13,050	2250	32,625	300.0	2.00

APPLICATIONS
Ultra high pressure service for the construction and shipbuilding industries and for general industrial cleaning applications. For use with petroleum or synthetic hydraulic fluids, gas and chemical fluids. Especially suitable for hydraulic bolt tensioning equipment, test rigs, as well as in offshore hydraulic and gas applications.

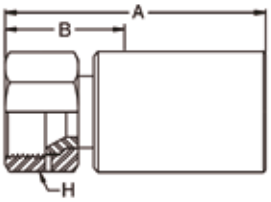
FEATURES
- Industry standard on ultra high pressure thermoplastic applications
- Light weight and abrasion resistant thermoplastic hose
- Used in hydraulic flying lead bundles

CONSTRUCTION
Core tube: DN 3-8: Polyoxymethylene; DN 10-25: Polyamide.
Pressure reinforcement: Four spiral layers of maximum tensile steel wire.
Cover: Polyamide.
Colour: DN 3-8: blue; DN 10-25: black.

TEMPERATURE RANGE
-10˚C up to 100˚C.

FITTINGS
JIC Female swivel fitting: Stainless steel (AISI 316), other materials on request.

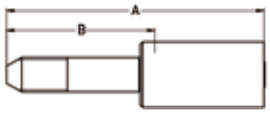
#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
106LX-6-04C	6	-04	6.4	1/4	9/16 - 18 UNF	55.0	23.0	19.0	865	12,500
106LX-6-06C	10	-06	9.5	3/8	9/16 - 18 UNF	59.0	18.0	22.0	690	10,000
106LX-8-06C	10	-06	9.5	3/8	3/4 - 16 UNF	59.0	19.0	24.0	865	12.500
106LX-8-08C	12	-08	12.7	1/2	3/4 - 16 UNF	64.0	21.0	27.0	690	10,000
106LX-10-08C	12	-08	12.7	1/2	1 - 12 UNF	85.0	41.0	24.0	810	11,700
106LX-16-12C	20	-12	19.0	3/4	1 5/16 - 12 UNF	109.0	43.0	41.0	630	9,100
106LX-16-16C	25	-16	25.4	1	1 5/16 - 12 UNF	96.0	42.0	41.0	560	8,100



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

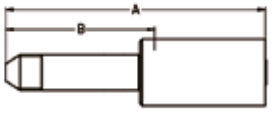


High pressure metric tube nipple (LH thread): High strength carbon steel, zinc plated.



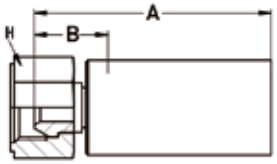
#	DN	size	mm	inch		A mm	B mm	bar	psi
1YMLX-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	110.0	66.0	1500	21,750
1YMLX-11-08	12	-08	12.7	1/2	M18 x 1.5-LH	120.0	65.0	1300	18,850

Medium pressure tube nipple: Special materials.



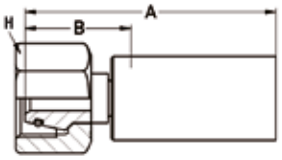
#	DN	size	mm	inch		A mm	B mm	bar	psi
1Y2LX-3-04C	6	-04	6.4	1/4	3/8 - 24 UNF LH	109.0	65.0	1379	20,000
1Y2LX-9-5C	8	-05	7.9	5/16	9/16 - 18 LH	97.0	54.0	1379	20,000
1Y2LX-12-5C	8	-05	7.9	5/16	3/4 - 16 LH	95.0	52.0	1379	20,000
1Y2LX-9-6C	10	-06	9.5	3/8	9/16 - 18 LH	97.0	52.0	1379	20,000
1Y2LX-9-8C	12	-08	12.7	1/2	9/16 - 18 LH	107.0	56.0	1379	20,000
1Y2LX-12-8C	12	-08	22.7	1/2	3/4 - 16 LH	105.0	53.0	1379	20,000
1Y2LX-16-12C	20	-12	19.0	3/4	1 - 4 UNS LH	137.0	70.0	1034	15,000

BSP Female swivel (60° cone): High strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
192LX-4-03	5	-03	4.8	3/16	G 1/4	64.0	25.0	22.0	1800	26,100
192LX-6-05	8	-05	7.9	5/16	G 3/8	69.0	25.0	27.0	1500	21,750
192LX-8-06	10	-06	9.5	3/8	G 1/2	66.0	22.0	30.0	1400	20,300
192LX-8-08	12	-08	12.7	1/2	G 1/2	75.0	21.0	32.0	1300	18,850
192LX-16-12	20	-12	19.0	3/4	G 1	77.0	24.0	41.0	1000	14,500
192LX-20-16	25	-16	25.1	1	G 1 1/4	78.0	25.0	50.0	900	13,050

Metric female swivel heavy series with O-ring: High strength carbon steel, zinc plated.



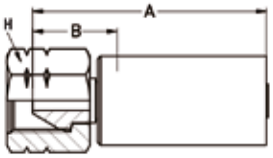
#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1C9LX-16-04	6	-04	6.4	1/4	M24 x 1.5	70.0	39.0	30.0	1640	23,780
1C9LX-14-06	10	-06	9.5	3/8	M22 x 1.5	75.0	30.0	30.0	1400	20,300
1C9LX-16-08	12	-08	12.7	1/2	M24 x 1.5	88.0	34.0	32.0	1300	18,850
1C9LX-25-12	20	-12	19.0	3/4	M36 x 2	92.0	39.0	46.0	1000	14,500
1C9LX-30-16	25	-16	25.4	1	M42 x 2	98.0	45.0	50.0	900	13,050

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2440D / 2440N
HYDRAULIC & WATER JETTING

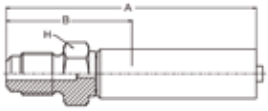


Type "M" female swivel: Stainless steel.



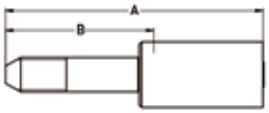
#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
6AYLX-6-2AC	4	-025	4.0	5/32	9/16 - 18 UNF	64.0	33.0	17.0	2200	31,900
1AYLX-6-03C	5	-03	4.8	3/16	9/16 - 18 UNF	67.0	26.0	22.0	1800	26,100
1AYLX-8-05C	8	-05	7.9	5/16	3/4 - 16 UNF	70.0	31.0	27.0	1500	21,750
1AYLX-8-06C	10	-06	9.5	3/8	3/4 - 16 UNF	70.0	25.0	27.0	1400	20,300
1AYLX-11-08C	12	-08	12.7	1/2	1 - 12 UNF	81.0	27.0	32.0	1300	18,850
1AYLX-16-12C	20	-12	19.0	3/4	1 5/16 - 12 UNF	82.0	29.0	41.0	1000	14,500
6AYLX-16-16C	25	-16	25.4	1	1 5/16 - 12 UNF	139.0	52.0	38.0	900	13,050

BSP Male (120° cone): High strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1YBLX-4-03	5	-03	4.8	3/16	G 1/4	78.5	39.5	17.0	1800	26,100

High pressure tube nipple: Special materials. C: Stainless Steel.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1YALX-1-025	4	-025	4.0	5/32	1/4 - 28 UNF-LH	87.0	50.0	2200	31,900
1YALX-1-025C	4	-025	4.0	5/32	1/4 - 28 UNF-LH	87.0	50.0	2200	31,900
1YALX-3-025	4	-025	4.0	5/32	3/8 - 24 UNF-LH	89.0	50.0	2200	31,900
1YALX-1-03	5	-03	4.8	3/16	1/4 - 28 UNF-LH	92.0	53.0	1800	26,100
1YALX-1-03C	5	-03	4.8	3/16	1/4 - 28 UNF-LH	92.0	53.0	1800	26,100
1YALX-3-03	5	-03	4.8	3/16	3/8 - 24 UNF-LH	99.0	57.0	1800	26,100
1YALX-3-03C	5	-03	4.8	3/16	3/8 - 24 UNF-LH	99.0	57.0	1800	26,100
1YALX-6-03	5	-03	4.8	3/16	9/16 - 18 UNF-LH	108.0	78.0	1800	26,100
1YALX-6-03C	5	-03	4.8	3/16	9/16 - 18 UNF-LH	108.0	78.0	1800	26,100
1YALX-3-04	6	-04	6.4	1/4	3/8 - 24 UNF-LH	102.0	58.0	1640	23,780
1YALX-6-04	6	-04	6.4	1/4	9/16 - 18 UNF-LH	112.0	67.0	1640	23,780
1YALX-3-05C	8	-05	7.9	5/16	3/8 - 24 UNF-LH	103.0	59.0	1500	21,750
1YALX-6-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	110.0	66.0	1500	21,750
1YALX-6-05C	8	-05	7.9	5/16	9/16 - 18 UNF-LH	110.0	66.0	1500	21,750
1YALX-6-06	10	-06	9.5	3/8	9/16 - 18 UNF-LH	106.0	62.0	1400	20,300

For high pressure Parker Tema couplings. Refer to couplings and accessories section on page 215.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2448D TOUGH COVER
WATER JETTING

Hydraulic and water jetting applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2448D-025V32-TC	4	-025	4.0	5/32	9.9	3250	47,120	6500	94,240	100.0	0.21

APPLICATIONS
Ultra-high pressure service for tube cleaning applications such as heat exchanging in the chemical and oil refining industries, Marine cleaning and water jet cutting.

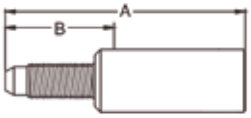
FEATURES
- Meets or exceeds the requirements of DIN EN 1829-2. This standard prescribes that the hose assemblies have to resist at least 20,000 impulse cycles amongst other challenges
- Tough Cover is up to 40% more resistant to abrasion over Standard Version
- Compact design
- Resistant against hydrolysis, ozone and UV radiation

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Four spiral layers of maximum tensile steel wire.
Cover: Polyamide.
Colour: Blue.

TEMPERATURE RANGE
-10˚C up to +70˚C.

FITTINGS
UNF Male nozzle nipple: Stainless steel.

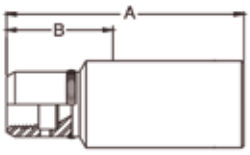
#	DN	size	mm	inch		A mm	B mm	bar	psi
6YHLYX-4-2AC-PL*	4	-025	4.0	5/32	1/4 - 28 UNF	58.0	26.0	2800	40,600
6YHLYX-4-2AC-PL-LH*	4	-025	4.0	5/32	1/4 - 28 UNF LH	58.0	26.0	2800	40,600



*ProLance fitting.

UNF Female for water jetting nozzle: Stainless steel.

#	DN	size	mm	inch		A mm	B mm	bar	psi
6HYLX-4-2AC-PL*	4	-025	4.0	5/32	1/4 - 28 UNF	51.0	19.0	2800	40,600
6HYLX-4-2AC-PL-LH*	4	-025	4.0	5/32	1/4 - 28 UNF LH	51.0	19.0	2800	40,600
6HYLX-6-2AC-PL-LH*	4	-025	4.0	5/32	3/8 - 24 UNF LH	49.0	21.0	2800	40,600



*ProLance fitting.

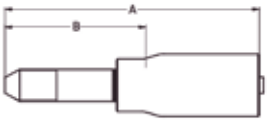
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2448D TOUGH COVER
WATER JETTING



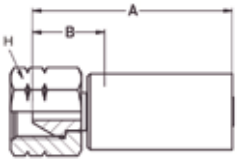
High pressure tube nipple UNF - LH Thread: Stainless steel.

#	DN	size	mm	inch		A mm	B mm	bar	psi
6Y4LX-4-2AC	4	-025	4.0	5/32	1/4 - 28 UNF LH	75.0	44.0	4000	58,000
6Y4LX-6-2AC	4	-025	4.0	5/32	3/8 - 24 UNF LH	86.0	55.0	4000	58,000



Type "M" female swivel: Stainless steel.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
6AYLX-6-2AC	4	-025	4.0	5/32	9/16 - 18 UNF	64.0	33.0	17.0	3010	43,645



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



Hydraulic and water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2640D-025V32	4	-025	3.9	5/32	12.0	2800	40,600	7000	101,505	140.0	0.29
2640D-03V32	5	-03	4.7	3/16	13.0	2500	36,250	6250	90,625	175.0	0.41
2640D-05V32	8	-05	7.9	5/16	16.9	2100	30,450	5250	76,125	225.0	0.68
2640N-08V32	12	-08	12.8	1/2	24.5	1800	26,100	4500	65,250	290.0	1.36
2640N-12V32	20	-12	19.6	3/4	33.0	1400	20,300	3500	50,750	350.0	2.10
2640N-16V32	25	-16	25.0	1	40.0	1200	17,400	3000	43,500	400.0	2.90

APPLICATIONS
Ultra high pressure service for the construction and shipbuilding industries and for general industrial cleaning applications. For use with petroleum or synthetic hydraulic fluids, gas and chemical fluids. Especially suitable for hydraulic bolt tensioning equipment, test rigs, as well as in offshore hydraulic and gas applications.

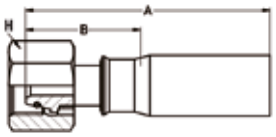
FEATURES
- Light weight and abrasion resistant thermoplastic hose
- Compact design

CONSTRUCTION
Core tube: DN 4-8: Polyoxymethylene; DN 12-25: Polyamide.
Pressure reinforcement: Six spiral layers of maximum tensile steel.
Cover: Polyamide.
Colour: Blue.

TEMPERATURE RANGE
-10˚C up to +70˚C.

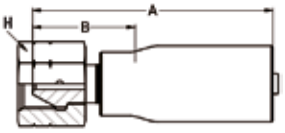
FITTINGS
Metric female swivel heavy series with O-ring: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1C9JX-16-08W	12	-08	12.7	1/2	M24 x 1.5	96.0	39.0	32.0	1800	26,100
1C9JX-25-12W	20	-12	19.0	3/4	M36 x 2	108.0	49.0	46.0	1600	23,200
1C9JX-30-16W	25	-16	25.4	1	M42 x 2	121.0	55.0	55.0	1500	21,750



Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-6-025	4	-025	4.0	5/32	9/16 - 18 UNF	61.0	24.0	22.0	4000	58,000
1AY2X-6-03	5	-03	4.8	3/16	9/16 - 18 UNF	91.0	38.0	22.0	4000	58,000
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400
1AYJX-11-08W	12	-08	12.7	1/2	1 - 12 UNF	86.0	29.0	32.0	1800	26,100
1AYJX-16-12W	20	-12	19.0	3/4	1 5/6 - 12 UNF	90.0	31.0	41.0	1600	23,200

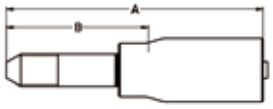


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2640D / 2640N
HYDRAULIC & WATER JETTING

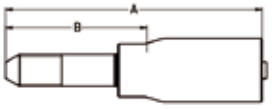


High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1Y42X-4-025	4	-025	4.0	5/32	1/4 - 28 UNF-LH	87.0	50.0	4000	58,000
1Y42X-6-025	4	-025	4.0	5/32	3/8 - 24 UNF-LH	92.0	55.0	4000	58,000
1Y42X-4-03	5	-03	4.8	3/16	1/4 - 28 UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-03	5	-03	4.8	3/16	3/8 - 24UNF-LH	108.0	58.0	4000	58,000
1Y42X-9-03	5	-03	4.8	3/16	9/16 - 18UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18UNF-LH	116.0	63.0	4000	58,000

High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-03	5	-03	4.8	3/16	M14 x 1.5-LH	116.0	63.0	4000	58,000
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000

Polyflex Lok components



#	Description
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 84)
1TM2X-8-03-HPK	Fitting for DN5 hoses incl. caps (refer to page 84)

For UHP accessories. Refer to page 92.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2648N
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2648N-08V32	12	-08	12.9	1/2	26.7	2100	30,450	5250	76,125	290.0	1.64
2648N-12V32	20	-12	19.8	3/4	33.7	1600	23,200	4000	58,000	350.0	2.28
2648N-16V32	25	-16	25.0	1	40.8	1500	21,750	3750	54,375	400.0	3.10

APPLICATIONS
Ultra high pressure service for the construction and shipbuilding industries and for general industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

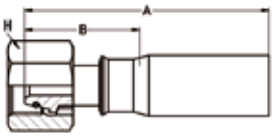
FEATURES
- For use where high flow rates are required at high pressures
- Available in long lengths to avoid joins and subsequent pressure drop
- Light weight when compared with alternative rubber product
- Available with extruded double cover

CONSTRUCTION
Core tube: Polyamide.
Pressure reinforcement: Six spiral layers of maximum tensile steel wire.
Cover: Polyamide.
Colour: Blue.

TEMPERATURE RANGE
-10˚C up to +70˚C.

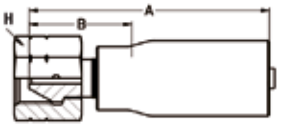
FITTINGS
Metric female swivel heavy series with O-ring: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1C9CX-16-08W	12	-08	12.7	1/2	M24 x 1.5	112.0	48.0	32.0	2100	30,450
1C9JX-25-12W	20	-12	19.0	3/4	M36 x 2	108.0	50.0	46.0	1600	23,200
1C9CX-30-16W	25	-16	25.4	1	M42 x 2	121.0	55.0	55.0	1500	21,750



Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

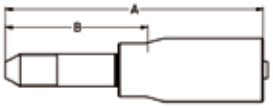
#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AYJX-11-08W	12	-08	12.7	1/2	1 - 12 UNF	102.0	41.0	32.0	2100	30,450
1AYJX-16-12W	20	-12	19.0	3/4	1 5/16 - 12 UNF	90.0	31.0	41.0	1600	23,200



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

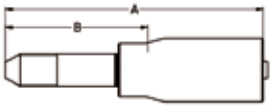


High pressure tube nipple UNF - LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



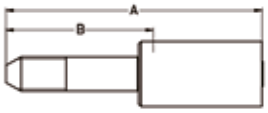
#	DN	size	mm	inch		A mm	B mm	bar	psi
1Y4CX-9-08W	12	-08	12.7	1/2	9/16 - 18 UNF-LH	135.0	70.0	210	30,450

High pressure tube nipple metric - LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1YMJX-11-08W	12	-08	12.7	1/2	M18 x 1.5-LH	143.0	82.0	210	30,450
1YMJX-12-08W	12	-08	12.7	1/2	M 20 x 1.5-LH	143.0	82.0	210	30,450

Medium pressure tube nipple: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1Y2CX-16-16W	25	-16	25.4	1	1-14 UNF-LH	146.0	72.0	138	20,000

For UHP accessories. Refer to page 92.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2740D
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2740D-025V16	4	-025	4.0	5/32	12.0	3000	43,500	7800	113,100	120.0	0.40
2740D-03V34	5	-03	4.7	3/16	13.2	2800	40,600	7000	101,500	200.0	0.47
2740D-05V34	8	-05	7.7	5/16	17.2	2500	36,250	6250	90,625	200.0	0.83
2740D-08V30	12	-08	12.7	1/2	27.0	2000	29,000	5000	72,500	300.0	1.85

APPLICATIONS
For very-high pressure lances for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

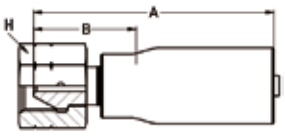
FEATURES
- Meets or exceeds the requirements of DIN EN 1829-2. This standard prescribes that hose assemblies have to resist at least 20,000 impulse cycles amongst other challenges
- Available with a wide range of protective sleeves and hose restraints
- Light weight and flexible
- Available with quick connect Polyflex Lok system

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Six spiral layers of maximum tensile steel wire.
Cover: DN4: Polyurethane, DN5-12: Polyamide.
Colour: DN4: yellow, DN5-8: red, DN12: black.

TEMPERATURE RANGE
-10˚C up to +70˚C.

FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

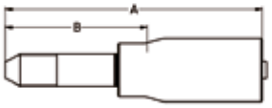
#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-6-025	4	-025	4.0	5/32	9/16 - 18 UNF	61.0	24.0	22.0	4000	58,000
1AY2X-6-03	5	-03	4.8	3/16	9/16 - 18 UNF	91.0	38.0	22.0	4000	58,000
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

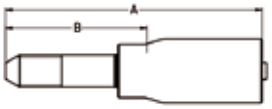


High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1Y42X-4-025	4	-025	4.0	5/32	1/4 - 28 UNF-LH	87.0	50.0	4000	58,000
1Y42X-4-03	5	-03	4.8	3/16	1/4 - 28 UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-025	4	-025	4.0	5/32	3/8 - 24 UNF-LH	92.0	55.0	4000	58,000
1Y42X-6-03	5	-03	4.8	3/16	3/8 - 24 UNF-LH	108.0	58.0	4000	58,000
1Y42X-9-03	5	-03	4.8	3/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000
6Y4HX-16-8C	12	-08	12.7	1/2	1 - 14 UNF-LH	138.0	80.0	3000	43,500

High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000

Polyflex Lok components



#	Description
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 90)



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2741D EASTERN TIGER - DOUBLE COVER
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2741D-05V32/18	8	-05	7.9	5/16	21.2	2500	36,250	6250	90,625	200.0	0.95

APPLICATIONS
For very-high pressure lances with working pressures up to 300 MPa for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

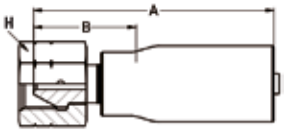
FEATURES
- The hose benefits from an integral bonded second cover which is a different colour so the second cover acts as an early warning without having to take the hose out of service
- Polyurethane cover increases abrasion resistance
- The hose is lighter than one with a spiral guard or helix reinforced cover
- Smoother cover means the cover is less likely to be damaged
- Same great flexibility as a single covered hose of the same pressure
- Smaller OD when compared to the same spiral guarded or helix reinforced sleeved hose with a single cover
- Fully branded along the entire length of the hose with operating pressures
- Safety colours for different operating pressures

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Six spiral layers of maximum tensile steel wire.
Cover: 1st: Polyamide; 2nd: Polyurethane, abrasion resistant.
Colour: 1st: Blue; 2nd: Gold.

TEMPERATURE RANGE
-10˚C up to +70˚C.

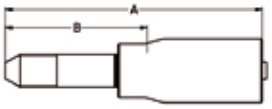
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000



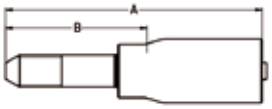
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2741D EASTERN TIGER - DOUBLE COVER
WATER JETTING

High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000



Polyflex Lok components

#	Description
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 90)



For UHP accessories. Refer to page 92.



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2748D
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2748D-05V34	8	-05	7.8	5/16	17.3	2800	40,600	7000	101,500	230.0	0.83

APPLICATIONS
For very-high pressure lances for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

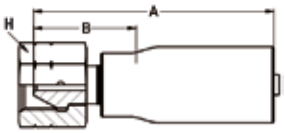
FEATURES
- Meets or exceeds the requirements of DIN EN 1829-2. This standard prescribes that hose assemblies have to resist at least 20,000 impulse cycles amongst other challenges
- Parker Polyflex hose is the first to be fully compliant
- UHP Compact design and light weight
- Available with quick connect Polyflex Lok system
- Wide range of protective sleeves and hose restraints available

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Six spiral layers of maximum tensile steel wire.
Cover: Polyamide.
Colour: Red.

TEMPERATURE RANGE
-10˚C up to +70˚C.

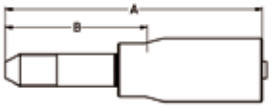
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000

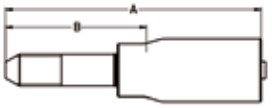


Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000



Polyflex Lok components

#	Description
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 90)



For UHP accessories. Refer to page 92.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2748D COPPER HEAD - DOUBLE COVER
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2748D-05V32/15	8	-05	7.9	5/16	21.8	2800	40,600	7000	101,500	230.0	0.99

APPLICATIONS
For very-high pressure lances for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

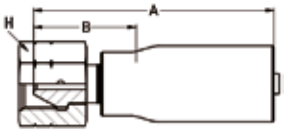
FEATURES
- The hose benefits from an integral bonded second cover which is a different colour so the second cover acts as an early warning without having to take the hose out of service
- Polyurethane cover increases abrasion resistance
- The hose is lighter than one with a spiral guard or helix reinforced cover
- Smoother cover means the cover is less likely to be damaged
- Same great flexibility as a single covered hose of the same pressure
- Smaller OD when compared to the same spiral guarded or helix reinforced sleeved hose with a single cover
- Fully branded along the entire length of the hose with operating pressures
- Safety colours for different operating pressures

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Six spiral layers of maximum tensile steel wire.
Cover: 1st: Polyamide; 2nd: Polyurethane, abrasion resistant.
Colour: 1st: Blue; 2nd: Orange.

TEMPERATURE RANGE
-10˚C up to +70˚C.

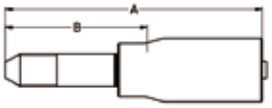
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000



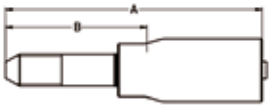
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2748D COPPER HEAD - DOUBLE COVER
WATER JETTING

High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000



Polyflex Lok components

#	Description
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 90)



For UHP accessories. Refer to page 92.



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2749D
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2749D-03V34	5	-03	4.8	3/16	13.3	3010	43,645	7000	101,500	200.0	0.47
2749D-05V34	8	-05	7.8	5/16	17.3	3010	43,645	7000	101,500	230.0	0.83

APPLICATIONS
For very-high pressure lances for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

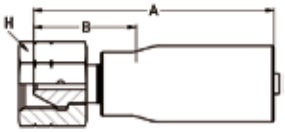
FEATURES
- Meets or exceeds the requirements of DIN EN 1829-2. This standard prescribes that hose assemblies have to resist at least 20,000 impulse cycles amongst other challenges
- Available with quick connect Polyflex Lok System
- Compact lightweight hose
- Excellent flexibility

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Six spiral layers of maximum tensile steel wire.
Cover: Polyurethane.
Colour: Red.

TEMPERATURE RANGE
-10˚C up to +70˚C.

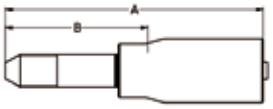
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-6-03	5	-03	4.8	3/16	9/16 - 18 UNF	91.0	38.0	22.0	4000	58,000
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

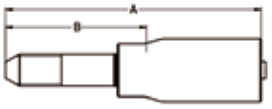
#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1Y42X-4-03	5	-03	4.8	3/16	1/4 - 28 UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-03	5	-03	4.8	3/16	3/8 - 24 UNF-LH	108.0	58.0	4000	58,000
1Y42X-9-03	5	-03	4.8	3/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-03	5	-03	4.8	3/16	M14 x 1.5-LH	116.0	63.0	4000	58,000
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000

Polyflex Lok components



#	Description
1TM2X-8-03-HPK	Fitting for DN5 hoses incl. caps (refer to page 90)
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 90)

For UHP accessories. Refer to page 92.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2749D RED BELLY - DOUBLE COVER
WATER JETTING



Water jetting applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2749D-05V32/14	8	-05	7.9	5/16	21.8	3010	43,645	7000	101,500	230.0	0.99

APPLICATIONS
Double cover product for extra protection to extend working life. For very-high pressure lances for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumuated dirt and materials for surfaces such as concrete, asphalt and tanks.

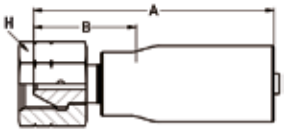
FEATURES
- The hose benefits from an integral bonded second cover which is a different colour so the second cover acts as an early warning without having to take the hose out of service
- Polyurethane cover increases abrasion resistance
- The hose is lighter than one with a spiral guard or helix reinforced cover
- Smoother cover means the cover is less likely to be damaged
- Same great flexibility as a single covered hose of the same pressure
- Smaller OD when compared to the same spiral guarded or helix reinforced sleeved hose with a single cover
- Fully branded along the entire length of the hose with operating pressures
- Safety colours for different operating pressures

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Six spiral layers of maximum tensile steel wire.
Cover: 1st: Polyamide; 2nd: Polyurethane, abrasion resistant.
Colour: 1st: Blue. 2nd: Red.

TEMPERATURE RANGE
-10˚C up to +70˚C.

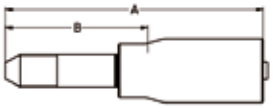
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000



Parker

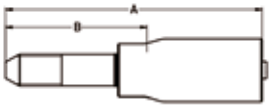
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2749D RED BELLY - DOUBLE COVER
WATER JETTING

High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000



Polyflex Lok components

#	Description
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 90)



For UHP accessories. Refer to page 92.



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2840D
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2840D-03V34	5	-03	4.5	3/16	15.0	4000	58,000	8000	116,000	200.0	0.66
2840D-05V36	8	-05	7.7	5/16	19.5	3000	43,500	7000	101,500	250.0	1.10
2840D-08V30	12	-08	12.7	1/2	29.8	2500	36,250	6250	90,625	350.0	2.50

APPLICATIONS
For very-high pressure lances for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

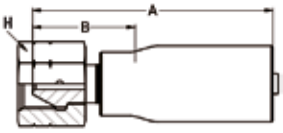
FEATURES
- Meets or exceeds the requirements of DIN EN 1829-2. This standard prescribes that hose assemblies have to resist at least 20,000 impulses cycles amongst other challenges
- Available with quick connect Polyflex Lok System

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Eight spiral layers of maximum tensile steel wire.
Cover: Polyamide.
Colour: DN5: red, DN8: red, DN12: black.

TEMPERATURE RANGE
-10˚C up to +70˚C.

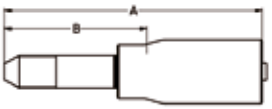
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-6-03	5	-03	4.8	3/16	9/16 - 18 UNF	91.0	38.0	22.0	4000	58,000
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

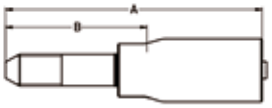
#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1Y42X-4-03	5	-03	4.8	3/16	1/4 - 28 UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-03	5	-03	4.8	3/16	3/8 - 24 UNF-LH	108.0	58.0	4000	58,000
1Y42-9-03	5	-03	4.8	3/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000
6Y4WX-16-8C	12	-08	12.7	1/2	1 - 14 UNF-LH	147.0	77.0	3000	43,500



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.



#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-03	5	-03	4.8	3/16	M14 x 1.5-LH	116.0	63.0	4000	58,000
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000
6YMWX-11-8C	12	-08	12.8	1/2	M18 x 1.5-LH	189.0	125.0	2500	36,250
6YMWX-12-8C	12	-08	12.8	1/2	M20 x 1.5-LH	190.0	125.0	3000	43,500

Polyflex Lok components



#	Description
1TM2X-8-03-HPK	Fitting for DN5 hoses incl. caps (refer to page 90)
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to page 90)

For UHP accessories. Refer to page 92.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

2841D – DOUBLE COVER
WATER JETTING



Water jetting applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2841D-05V36/17	8	-05	7.7	5/16	23.5	3000	43,500	7000	101,500	250.0	1.38

APPLICATIONS
Ultra high pressure service for water jet cutting equipment with water only or with abrasive additives.
Replaces steel pipe where flexibility is important.

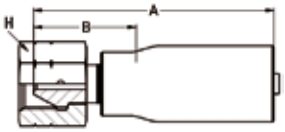
FEATURES
- Double cover product for extra protection to extend working life
- Meets or exceeds the requirements of DIN EN 1829-2. This standard prescribes that hose assemblies have to resist at least 20,000 impulses cycles among other challenges
- Lighter and more flexible than hose with extra cover or spiral guard fitted
- Available with quick connect Polyflex Lok System

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Eight spiral layers of maximum tensile steel wire.
Cover: 1st: Polyamide; 2nd: Polyurethane, abrasion resistant.
Colour: 1st: Yellow; 2nd: Grey.

TEMPERATURE RANGE
-10˚C up to +70˚C.

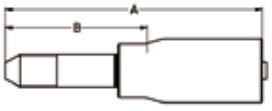
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



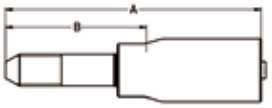
High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000



High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2848D
WATER JETTING



Water jetting applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2848D-05V34	8	-05	7.8	5/16	19.6	3200	46,400	8000	116,000	280.0	1.10
2848D-08V30	12	-08	13.0	1/2	29.9	3000	43,500	6250	90,625	350	2.5

APPLICATIONS
For very-high pressure lances for the construction and shipbuilding industries or for common industrial cleaning applications. Mainly used for hydrodemolition and removal of accumulated dirt and materials from surfaces such as concrete, asphalt and tanks.

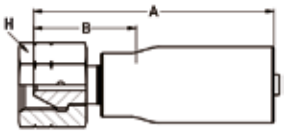
FEATURES
- Meets or exceeds the requirements of DIN EN 1829-2. This standard prescribes that hose assemblies have to resist at least 20,000 cycles of 0 pressure to working pressure impulses among other challenges

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Eight spiral layers of maximum tensile steel wire.
Cover: Polyamide.
Colour: Red.

TEMPERATURE RANGE
-10˚C up to +70˚C.

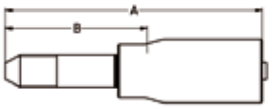
FITTINGS
Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	bar	psi
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16 UNF	91.0	38.0	27.0	3200	46,400
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14 UNF	91.0	38.0	30.0	3200	46,400
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 11 UNF	91.0	38.0	36.0	3200	46,400



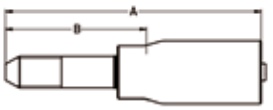
High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24 UNF-LH	116.0	63.0	4000	58,000
1Y42X-9-05	8	-05	7.9	5/16	9/16 - 18 UNF-LH	116.0	63.0	4000	58,000
6Y4WX-16-8C	12	-08	12.7	1/2	1 - 14 UNF-LH	138.0	80.0	3000	43,500



High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1YM2X-6-05	8	-05	7.9	5/16	M14 x 1.5-LH	116.0	63.0	4000	58,000



For UHP accessories. Refer to page 92.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.



2849D
WATER JETTING

Water jetting / cutting applications

#	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m
2849D-05V34	8	-05	7.8	5/16	19.6	3800	55,000	8000	116,000	280.0	1.10

APPLICATIONS
Ultra high pressure service for water jet cutting equipment with water only or with abrasive additives.
Replaces steel pipe where flexibility is important. Also used in compression forming (hydroforming).

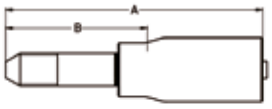
FEATURES
- Extreme UHP hose
- Flexible alternative to steel tube
- Multiple connections available

CONSTRUCTION
Core tube: Polyoxymethylene.
Pressure reinforcement: Eight spiral layers of maximum tensile steel wire.
Cover: Polyamide.
Colour: Red.

TEMPERATURE RANGE
-10˚C up to +70˚C.

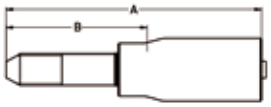
FITTINGS
High pressure tube nipple UNF – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
6Y4WX-9-5C-55	8	-05	7.9	5/16	9/16 - 18 UNF-LH	130.0	63.0	4000	58,000



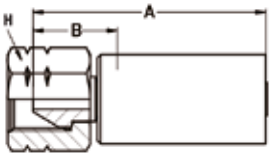
High pressure tube nipple metric – LH thread: Nipple: very high strength stainless steel.
Shell: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	bar	psi
6YMWX-6-5C-55	8	-05	7.9	5/16	M14 x 1.5-LH	130.0	63.0	4000	58,000



Type "M" female swivel: Nipple: very high strength stainless steel.
Shell and nut: high strength carbon steel, zinc plated.

#	DN	size	mm	inch		A mm	B mm	H mm	bar	psi
6AYWX-10-5C-55	8	-05	7.9	5/16	7/8 - 14	113.0	45.0	32.0	3800	55,000



For UHP accessories. Refer to page 92.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

POLYFLEX-LOK
PARKER POLYFLEX HOSE CONNECTOR



Innovative design
Polyflex-Lok has been developed by Parker Polyflex to meet the requirements of today's water jetting applications. It uses the latest technology to provide a "state of the art" hose safety system. The hose connector as well as the pump / gun connector are now equipped with an improved design, based on the reliable quality of the former generation of Polyflex-Lok. The Polyflex-Lok hose assemblies are now also available without protective cover, and hose types with an additional outer cover for extra abrasion resistance and security are also available.

What is it?
Efficient and hassle free assembly – Quick connect and release hose connection system which also provides hose burst protection, while ranging in size from DN 5 (3/16″) up to DN 12 (1/2″). One major benefit of the system is that it will only operate when full protection of the user is guaranteed. In addition, the Polyflex-Lok system is compliant with requirements determined in DIN EN 1829-2.

Product features
- Wide range of hose types available from 1,000 up to 3,200 bar working pressure
- Hose sizes available from DN 5 up to DN 12
- Certified according to DIN EN 1829-2
- Easy, fast, comfortable and safe system
- Only 2 working parts needed
- Integrated safety system
- No spanners required
- Incorrect assembly and use impossible
- Safety factor 2.5 times (burst pressure)
- Mechanical safety factor 4 times (hose connection breaking load)
- Same parts can be used to connect different hose series (e.g. DN 3 and DN 5)
- Swivel function when system is not under pressure (rotary joints)



Major benefits
- Operator protection guaranteed – priceless
- Hose twisting eliminated – longer hose life
- Faster assembly / disassembly of hoses – more valuable working time
- Less wear on components – fewer part replacements necessary
- Less operator fatigue due to easy handling and compact design – increases efficiency
- In one word: **SAFETY!**



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

PARKER POLYFLEX HOSE CONNECTOR

AVAILABLE HOSE TYPES

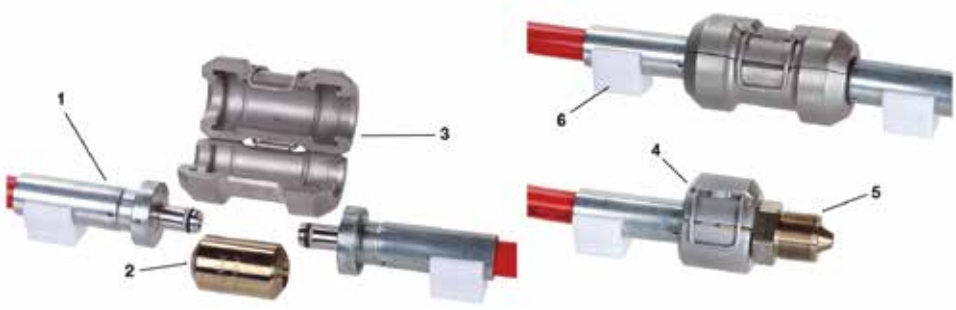
Size	Hose types
-03	2640D-03VXX
-03	2740D-03VXX
-03	2749D-03VXX
-03	2840D-03VXX

Size	Hose types
-05	2380N-05VXXW
-05	2640D-05VXX
-05	2740D-05VXX
-05	2748D-05VX
-05	2840D-05VXX
-05	2848D-05VXX
-05	2741D-05VXX/XX
-05	2748D-05VXX/X
-05	2749D-05VXX
-05	2841D-05VXX/XX

Size	Hose types
-08	2388N-08VXX
-08	2580N-08VXX
-08	2740D-08VXX
-08	2748D-08VXX
-08	2840D-08VXX
-08	2848D-08VXX

COMPONENTS

Reference	Part Number	Description
1	1TM2X-8-03-HPK	Fitting for DN 5 hoses including caps
1	1TM2X-8-05-HPK	Fitting for DN 8 hoses including caps
1	1TMKY-8-05-HPK	Fitting for DN 8 hoses including caps
1	1TMBL-9-08-HPK	Fitting for DN 12 hoses including caps
1	1TMBS-9-08-HPK	Fitting for DN 12 hoses including caps
2	TFTF-8-8	Hose connector bushing
2	TFTF-8-9	Hose connector bushing
2	TFTF-9-9	Hose connector bushing
3	HPK-HS-8	Hose connector
4	HPK-HSP-8	Pump/gun connector
5	YTTF-6-8	Adaptor M20 x 1.5
5	YTTF-9-8	Adaptor M26 x 1.5
5	YTTF-9-9	Adaptor M26 x 1.5
5	YTTF-10-8	Adaptor M30 x 2
5	YTTF-10-9	Adaptor M30 x 2
5	YTTF-12-8	Adaptor M42 x 2
5	YTTF-12-9	Adaptor M42 x 2-6g
5	Y6TF-6-8	Adaptor 3/4 - 16UNF
5	Y6TF-9-8	Adaptor 1 1/8 - 12UNF
6	TMCAP-8	Cap
6	TMCAP-9	Cap



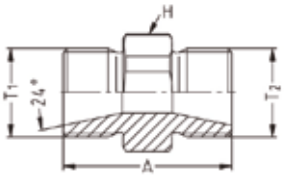
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.

ADAPTORS
WATER JETTING ACCESSORIES

METRIC ADAPTOR

24° Flare

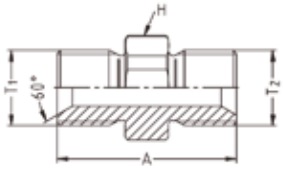
#	T1	T2	A mm	H mm	bar	psi
D2D2-16-16W	M24 x 1.5	M24 x 1.5	50.0	27.0	1800	26,100
D2D2-16-25W	M24 x 1.5	M36 x 2	60.5	41.0	1400	20,300
D2D2-25-25W	M36 x 2	M36 x 2	65.0	41.0	1400	20,300
D2D2-30-30W	M42 x 2	M42 x 2	75.0	46.0	1200	17,400



BSP ADAPTOR

60° Flare

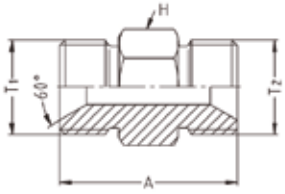
#	T1	T2	A mm	H mm	bar	psi
D9D9-8-8W	G 1/2	G 1/2	50.0	27.0	1800	26,100
D9D9-12-12W	G 3/4	G 3/4	65.0	41.0	1400	20,300
D9D9-16-16W	G 1	G 1	65.0	41.0	1200	17,400



TYPE "M" ADAPTOR

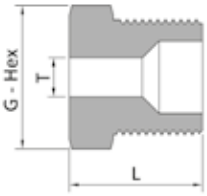
UNF 60° Flare

#	T1	T2	A mm	H mm	bar	psi
AZAZ-6-6W	9/16 - 18 UNF	9/16 - 18 UNF	36.0	24.0	2800	40,600
AZAZ-8-8W	3/4 - 16 UNF	3/4 - 16 UNF	44.0	24.0	2500	36,250
AZAZ-16-16W	1-12 UNF	1-12 UNF	48.0	27.0	1800	26,100
AZAZ-16-16W	1 5/16 - 12 UNF	1 5/16 - 12 UNF	54.0	41.0	1400	20,300



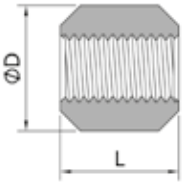
GLANDS

T-Tube O.D.	#	Dimensions - in. (mm) G	L
1/4"	SS-G-6FH4	0.63 (15.9)	0.82 (20.8)
3/8"	SS-G-6FH6	0.81 (20.6)	1.13 (28.7)
9/16"	SS-G-6FH9	1.19 (30.2)	1.50 (38.1)
M14 x 1.5	SS-G-M14	1.06 (27.0)	1.10 (27.9)



COLLARS

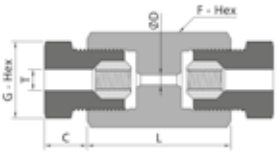
T-Tube O.D.	#	Dimensions - in. (mm) D	L
1/4"	SS-CO-6FH4	0.38 (9.6)	0.38 (9.6)
3/8"	SS-CO-6FH6	0.50 (12.7)	0.54 (13.7)
9/16"	SS-CO-6FH9	0.81 (20.6)	0.62 (15.8)
M14 x 1.5	SS-CO-M14	0.75 (18.95)	0.55 (14.0)



Please Note: Dimensions and pressures may vary.

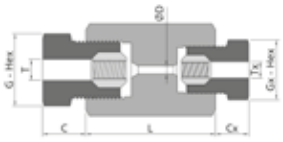
UNION COUPLINGS

T-Tube O.D.	#	Dimensions - in. (mm)				
		L	C	D	G	F
1/4"	SS-U-6FH4	1.38 (34.9)	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	0.75 (19.1)
3/8"	SS-U-6FH6	1.75 (44.5)	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	1.00 (25.4)
9/16"	SS-U-6FH9	2.19 (55.6)	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	1.38 (34.9)
M14 x 1.5	SS-U-M14	1.81 (46.0)	0.57 (14.5)	0.19 (4.8)	1.06 (27.0)	1.26 (32.0)



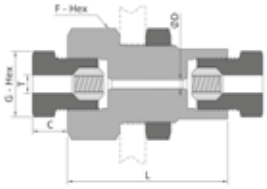
REDUCING UNION COUPLINGS

T-Tube O.D. (in)	Tx -Tube O.D. (in)	#	Dimensions - in. (mm)					
			L	C	Cx	D	G	Gx
3/8	1/4	SS-U-6FH6-6FH4	1.63 (41.3)	0.53 (13.5)	0.50 (12.7)	0.09 (2.3)	0.81 (20.6)	0.63 (15.9)
9/16	1/4	SS-U-6FH9-6FH4	1.75 (44.5)	0.81 (20.6)	0.50 (12.7)	0.09 (2.3)	1.19 (30.2)	0.63 (15.9)
9/16	3/8	SS-U-6FH9-6FH6	2.00 (50.8)	0.81 (20.6)	0.53 (13.5)	0.13 (3.3)	1.19 (30.2)	0.81 (20.6)



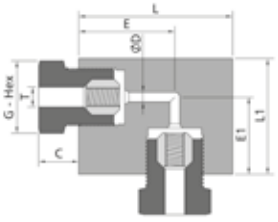
BULKHEAD COUPLINGS

T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		L	C	D	G	F	Panel hole size	Max. panel thickness
1/4	SS-BU-6FH4	1.88 (47.8)	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	1.06 (27.0)	0.94 (23.9)	0.38 (9.7)
3/8	SS-BU-6FH6	2.38 (60.5)	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	1.38 (34.9)	1.13 (28.6)	0.38 (9.7)
9/16	SS-BU-6FH9	2.75 (69.9)	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	1.88 (47.6)	1.69 (42.9)	0.38 (9.7)



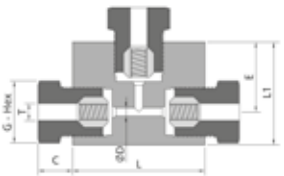
ELBOWS

T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		C	D	G	L	E	L1	E1
1/4	SS-LU-6FH4	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	1.50 (38.1)	0.88 (22.4)	1.00 (25.4)	0.62 (15.7)
3/8	SS-LU-6FH6	0.53 (13.5)	0.13 (3.3)	0.81 (29.6)	2.00 (50.8)	1.25 (31.8)	1.50 (38.1)	1.00 (25.4)
9/16	SS-LU-6FH9	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	2.62 (66.5)	1.88 (47.8)	1.88 (47.8)	1.12 (28.4)



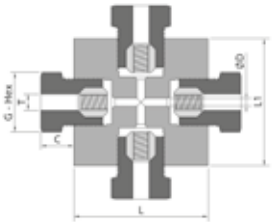
TEES

T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		C	D	G	L	L1	E	Thickness
1/4	SS-TTT-6FH4	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	2.00 (50.8)	1.25 (31.8)	0.88 (22.4)	0.75 (19.1)
3/8	SS-TTT-6FH6	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	2.00 (50.8)	1.56 (38.6)	1.06 (26.9)	1.00 (25.4)
9/16	SS-TTT-6FH9	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	2.62 (66.5)	2.12 (53.8)	1.38 (35.0)	1.50 (38.1)



CROSSES

T-Tube O.D. (in)	#	Dimensions - in. (mm)					
		C	D	G	L	L1	Thickness
1/4	SS-C-6FH4	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	2.00 (50.8)	1.25 (31.8)	0.75 (19.1)
3/8	SS-C-6FH6	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	2.00 (50.8)	2.12 (53.8)	1.00 (25.4)
9/16	SS-C-6FH9	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	2.62 (66.5)	2.75 (69.9)	1.50 (38.1)



Please Note: Dimensions and pressures may vary.