













QUICK REFERENCE

HYDRAULIC & WATER JETTING







DN3

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm	mm	mm		
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

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm	mm	mm		
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

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm	mm	mm		
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.

QUICK REFERENCE HYDRAULIC & WATER JETTING

DN6

#	size											Nipple ID	Ferrule OD	DF	Page
		mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm			
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											Nipple ID	Ferrule OD	DF	Page
		mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm			
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. We reserve the right to make technical changes without notice.







QUICK REFERENCE

HYDRAULIC & WATER JETTING

DN10

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm				
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

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm				
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. We reserve the right to make technical changes without notice.

QUICK REFERENCE HYDRAULIC & WATER JETTING

DN16

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm				
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







#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm				
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

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm				
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

#													Nipple ID	Ferrule OD	DF	Page
	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	mm	mm				
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.