

SECTION 2.7

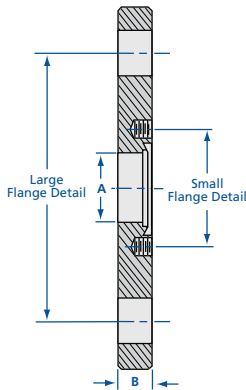


Adapter Fittings

Adapter Flange and Flange-to-Fitting

SPECIFICATIONS

Materials: 304 stainless steel
Vacuum range: $\geq 1 \times 10^{-8}$ mbar - High vacuum
Temperature range: -20°C to 150°C



CF to ASA Adapter Flanges

MODEL NUMBER	SMALL FLANGE	LARGE FLANGE	A	B
ASA-5-133-075Z	133-000NT	ASA-5-000N	0.63 (16.00)	0.50 (12.70)
ASA-5-212-100Z	212-000NT	ASA-5-000N	1.00 (25.40)	0.50 (12.70)
ASA-5-275-150Z	275-000NT	ASA-5-000N	1.50 (38.10)	0.50 (12.70)
ASA-6-133-075Z	133-000NT	ASA-6-000N	0.63 (16.00)	0.50 (12.70)
ASA-6-212-100Z	212-000NT	ASA-6-000N	1.00 (25.40)	0.50 (12.70)
ASA-6-275-150Z	275-000NT	ASA-6-000N	1.50 (38.10)	0.50 (12.70)
ASA-6-338-200Z	338-000NT	ASA-6-000N	2.00 (50.80)	0.75 (19.05)
ASA-7.5-133-075Z	133-000NT	ASA-7.5-000N	0.63 (16.00)	0.50 (12.70)
ASA-7.5-212-100Z	212-000NT	ASA-7.5-000N	1.00 (25.40)	0.50 (12.70)
ASA-7.5-275-150Z	275-000NT	ASA-7.5-000N	1.50 (38.10)	0.50 (12.70)
ASA-7.5-338-200Z	338-000NT	ASA-7.5-000N	2.00 (50.80)	0.75 (19.05)
ASA-7.5-450-250Z	450-000NT	ASA-7.5-000N	2.50 (63.50)	0.75 (19.05)
ASA-9-133-075Z	133-000NT	ASA-9-000N	0.63 (16.00)	0.75 (19.05)
ASA-9-212-100Z	212-000NT	ASA-9-000N	1.00 (25.40)	0.75 (19.05)
ASA-9-275-150Z	275-000NT	ASA-9-000N	1.50 (38.10)	0.75 (19.05)
ASA-9-338-200Z	338-000NT	ASA-9-000N	2.00 (50.80)	0.75 (19.05)
ASA-9-450-250Z	450-000NT	ASA-9-000N	2.50 (63.50)	0.75 (19.05)
ASA-9-462-300Z	462-000NT	ASA-9-000N	3.00 (76.20)	0.75 (19.05)
ASA-9-600-400Z	600-000NT	ASA-9-000N	4.00 (101.60)	0.75 (19.05)
ASA-11-133-075Z	133-000NT	ASA-11-000N	0.63 (16.00)	0.75 (19.05)
ASA-11-212-100Z	212-000NT	ASA-11-000N	1.00 (25.40)	0.75 (19.05)
ASA-11-275-150Z	275-000NT	ASA-11-000N	1.50 (38.10)	0.75 (19.05)
ASA-11-338-200Z	338-000NT	ASA-11-000N	2.00 (50.80)	0.75 (19.05)
ASA-11-450-250Z	450-000NT	ASA-11-000N	2.50 (63.50)	0.75 (19.05)
ASA-11-462-300Z	462-000NT	ASA-11-000N	3.00 (76.20)	0.75 (19.05)
ASA-11-600-400Z	600-000NT	ASA-11-000N	4.00 (101.60)	0.75 (19.05)
ASA-11-800-600Z	800-000NT	ASA-11-000N	6.00 (152.40)	0.75 (19.05)



SPECIFICATIONS

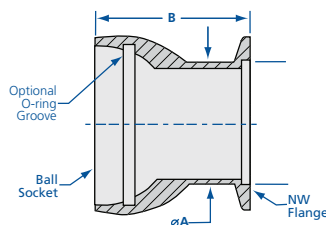
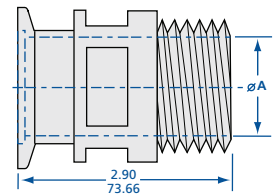
Materials: 304 stainless steel
Vacuum range: $\geq 1 \times 10^{-8}$ mbar - High vacuum
Temperature range: -20°C to 150°C



NW Welch Pump Adapters

MODEL NUMBER	USE WITH WELCH PUMP MODEL NUMBER	THREAD	TUBE ID A
AN-NW-16-1400	1399, 1400, 1410	3/8-18 NPSM x 1.00	0.450 (11.43)
AN-NW-16-1405	1405	3/4-20 NPSM x 1.00	0.562 (14.28)
AN-NW-25-1405	1405	3/4-20 NPSM x 1.00	0.562 (14.28)
AN-NW-25-1402	1380, 1402, 1403, 8806, 8811, 8816, 8821	1-20 NPSM x 1.00	0.750 (19.05)
AN-NW-40-1402	1380, 1402, 1403, 8806, 8811, 8816, 8821	1-20 NPSM x 1.00	0.750 (19.05)
AN-NW-40-1376	1373, 1376, 8831	1 1/2-12 NPSM x 1.00	1.125 (28.58)
AN-NW-40-1397	1374, 1397	1 3/4-20 NPSM x 1.00	1.375 (34.93)
AN-NW-50-1397	1374, 1397	1 3/4-20 NPSM x 1.00	1.375 (34.93)

Note: Includes aluminum gasket



NW Ball Socket Adapters

MODEL NUMBER	BALL SOCKET	FLANGE TYPE	TUBE OD A	B	O-RING SIZE
BS-50/30-NW	50/30	NW-40	1 1/2 (38.10)	1.90 (48.26)	-
BS-50/30G-NW	50/30	NW-40	1 1/2 (38.10)	1.90 (48.26)	2-224
BS-75/50-NW	75/50	NW-50	2 (50.80)	2.65 (67.31)	-
BS-75/50G-NW	75/50	NW-50	2 (50.80)	2.65 (67.31)	2-232

Note: "G" in model number indicates O-ring and O-ring groove.



All dimensions are in inches (mm) & weights are in pounds (kg), unless otherwise noted.