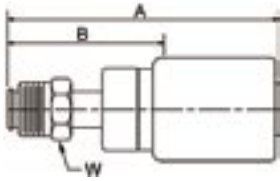
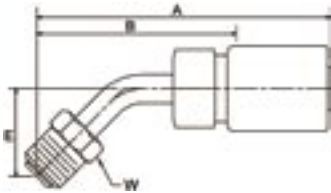


128HY (HY-MF) Male Inverted SAE 45° Swivel - Straight



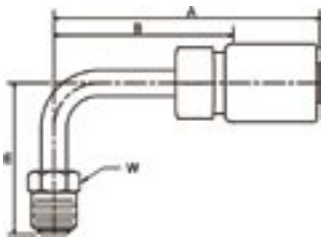
Steel Part Number	Thread Size		Hose I.D.		A		W Hex		Cutoff Allow. B	
#										
Hose Fitting	inch		inch		inch	mm	inch	mm	inch	mm
128HY-3-4	3/8x24	-3	1/4	-4	3.09	78	3/8	1.75	44	
128HY-4-4	7/16x24	-4	1/4	-4	3.28	83	7/16	1.94	49	
128HY-5-4	1/2x20	-5	1/4	-4	3.34	85	1/2	2.00	51	
128HY-5-6	1/2x20	-5	3/8	-6	3.17	81	1/2	1.81	46	
128HY-6-6	5/8x18	-6	3/8	-6	3.73	95	5/8	2.38	60	
128HY-8-6	3/4x18	-8	3/8	-8	3.42	87	3/4	2.06	52	
128HY-8-8	3/4x18	-8	1/2	-8	3.66	93	3/4	2.31	59	

167HY (HY-MF45T) Male Inverted SAE 45° - Swivel - 45° Elbow



Steel Part Number	Thread Size		Hose I.D.		A		E		W Hex		B	
#												
Hose Fitting	inch		inch		inch	mm	inch	mm	inch	mm	inch	mm
167HY-3-4	3/8x24	-3	1/4	-4	3.03	77	0.72	18	3/8	1.69	43	
167HY-4-4	7/16x24	-4	1/4	-4	3.31	84	0.78	20	7/16	1.97	50	
167HY-4-6	7/16x24	-4	3/8	-6	3.14	80	0.78	20	7/16	1.78	45	
167HY-5-4	1/2x20	-5	1/4	-4	3.55	90	0.88	22	1/2	2.19	56	
167HY-5-6	1/2x20	-5	3/8	-6	3.38	86	0.88	22	1/2	2.03	52	
167HY-6-6	5/8x18	-6	3/8	-6	4.16	106	0.94	24	5/8	2.81	71	
167HY-8-8	3/4x18	-8	1/2	-8	4.22	107	1.06	27	3/4	2.88	73	

169HY (HY-MF90T) Male Inverted SAE 45° - Swivel - 90° Elbow



Steel Part Number	Thread Size		Hose I.D.		A		E		W Hex		B	
#												
Hose Fitting	inch		inch		inch	mm	inch	mm	inch	mm	inch	mm
169HY-3-4	3/8x24	-3	1/4	-4	3.09	78	1.38	35	3/8	1.75	44	
169HY-4-4	7/16x24	-4	1/4	-4	3.28	83	1.47	37	7/16	1.94	49	
169HY-4-6	7/16x24	-4	3/8	-6	3.11	79	1.47	37	7/16	1.75	44	
169HY-5-4	1/2x20	-5	1/4	-4	3.52	89	1.66	42	1/2	2.16	55	
169HY-5-6	1/2x20	-5	3/8	-6	3.34	85	1.66	42	1/2	2.00	51	
169HY-6-6	5/8x18	-6	3/8	-6	4.03	102	1.69	43	5/8	2.69	68	
169HY-7-6	11/16x18	-7	3/8	-6	4.16	106	1.69	43	11/16	2.81	71	
169HY-8-6	3/4x18	-8	3/8	-6	4.05	103	1.88	48	3/4	2.72	69	
169HY-8-8	3/4x18	-8	1/2	-8	4.09	104	1.88	48	3/4	2.75	70	