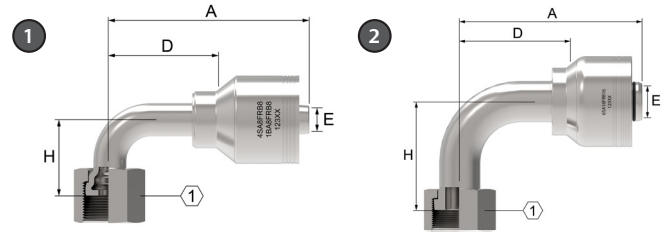


Spiral – 4S and 6S series



FRB

Female ORS swivel (90° elbow)

PART	HOSE SIZE INFO				DIMENSIONS								
	Terminal End Hose Size	DN	Hose size	Thread	A		D		EØ		H		①
① 4S part #					mm	in	mm	in	mm	in	mm	in	in
4SA10FRB12	-10	19	-12	1	91,5	3.60	55,3	2.18	14,2	0.56	32,3	1.27	1 1/8
4SA12FRB12	-12	19	-12	1 3/16	104,4	4.11	68,1	2.68	14,2	0.56	58,0	2.28	1 3/8
4SA16FRB12	-16	19	-12	1 7/16	117,1	4.61	80,9	3.19	14,2	0.56	71,0	2.80	1 5/8
4SA12FRB16	-12	25	-16	1 3/16	107,5	4.23	67,7	2.67	19,2	0.76	58,0	2.28	1 3/8
4SA16FRB16	-16	25	-16	1 7/16	112,8	4.44	73,0	2.87	19,2	0.76	71,0	2.80	1 5/8
4SA20FRB16	-20	25	-16	1 11/16	136,5	5.37	96,8	3.81	19,2	0.76	78,0	3.07	1 7/8
4SA20FRB20	-20	31	-20	1 11/16	153,1	6.03	97,9	3.85	25,2	0.99	78,0	3.07	1 7/8
4SA24FRB20	-24	31	-20	2	152,9	6.02	97,9	3.85	25,2	0.99	86,0	3.39	2 1/4
4SA24FRB24	-24	38	-24	2	208,9	8.22	130,8	5.15	31,1	1.22	104,0	4.09	2 1/4
② 6S part #	Terminal End Hose Size	DN	Hose size	Thread	A		D		EØ		H		①
6SA16FRB16	-16	25	-16	1 7/16	112,8	4.44	73,0	2.87	19,2	0.76	71,0	2.80	1 5/8
6SA20FRB16	-20	25	-16	1 11/16	136,5	5.37	96,8	3.81	19,2	0.76	78,0	3.07	1 7/8
6SA20FRB20	-20	31	-20	1 11/16	153,9	6.06	97,9	3.85	25,2	0.99	78,0	3.07	1 7/8
6SA24FRB24	-24	38	-24	2	208,9	8.22	130,8	5.15	31,1	1.22	104,0	4.09	2 1/4