

## 4S Fittings

For use with hoses:

H430-6,-8,-10,-12,-16,-20,-24,-32;  
 H430R-6,-8,-10,-12,-16,-20,-24,-32;  
 H464-12,-16,-20,-24,-32;  
 H471-12,-16,-20,-24; EC600-12,-16;  
 EC525-12,-16,-20,-24,-32; EC810-12,-16

## 6S Fittings

For use with hoses:

H471-32;  
 EC600-20;  
 EC810-20,-24,-32

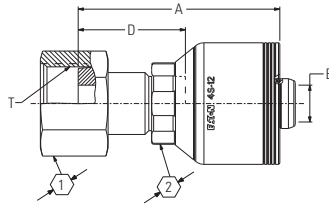
## Crimp fittings

Spiral hose fittings  
 (4S/6S Series)

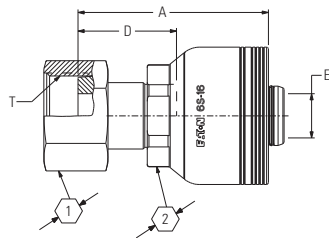
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### Female ORS Swivel (FR)

Straight



4S



6S

Part Number	Terminal End		Hose Size		Thread		A		D		E Ø		1		2	
	Dash size	DN	Dash size	in	mm	in	mm	in	mm	in	mm	in	mm	in	in	
4SA6FR6 (06-S66)	-6	10	-6	11/16-16	52,7	2.07	31,4	1.24	6,7	0.26	30,0	13/16	11/16			
4SA8FR6 (06-S68)	-8	10	-6	13/16-16	54,4	2.14	33,6	1.32	6,7	0.26	23,8	15/16	11/16			
4SA6FR8	-6	12	-8	11/16-16	61,3	2.41	34,1	1.34	6,7	0.26	30,0	13/16	7/8			
4SA8FR8 (08-S68)	-8	12	-8	13/16-16	66,2	2.61	38,1	1.50	9,1	0.36	23,8	15/16	7/8			
4SA10FR8 (08-S70)	-10	12	-8	1-14	65,4	2.57	37,3	1.47	9,6	0.38	28,6	1 1/8	7/8			
4S8FR10	-8	16	-10	13/16-16	64,4	2.54	38,3	1.51	9,1	0.36	23,8	15/16	15/16			
4S10FR10	-10	16	-10	1-14	66,5	2.62	40,8	1.61	11,5	0.45	30,0	1 3/16	1 1/16			
4SA10FR10 (10-S70)	-10	16	-10	1-14	66,5	2.62	40,8	1.61	11,5	0.45	28,6	1 1/8	1 1/16			
4SA12FR10 (10-S72)	-12	16	-10	13/16-12	67,2	2.65	41,4	1.63	12,8	0.50	34,9	1 3/8	1			
4S12FR10	-12	16	-10	13/16-12	67,6	2.66	41,5	1.63	12,8	0.50	30,0	1 3/16	1.42			
4SA10FR12 (12-S70)	-10	19	-12	1-14	74,4	2.93	38,1	1.50	14,2	0.56	30,0	1 3/16	1 1/8			
4SA12FR12 (12-S72)	-12	19	-12	13/16-12	77,4	3.05	41,2	1.62	14,2	0.56	30,0	1 3/16	1 3/8			
4SA16FR12 (12-S76)	-16	19	-12	17/16-12	79,2	3.12	43,1	1.70	14,2	0.56	30,0	1 3/16	1 5/8			
4SA12FR16 (16-S72)	-12	25	-16	13/16-12	80,5	3.17	40,8	1.61	19,2	0.76	41,0	1 5/8	1 3/8			
4SA16FR16 (16-S76)	-16	25	-16	17/16-12	82,4	3.24	42,6	1.68	19,2	0.76	41,0	1 5/8	1 5/8			
4SA20FR16 (16-S80)	-20	25	-16	1 11/16-12	82,4	3.24	42,7	1.68	19,2	0.76	41,0	1 5/8	1 7/8			
4SA20FR20 (20-S80)	-20	31	-20	1 11/16-12	99,0	3.90	43,8	1.72	25,2	0.99	46,0	1 13/16	1 7/8			
4SA24FR24 (24-S84)	-24	38	-24	2-12	125,7	4.95	47,6	1.87	31,1	1.22	57,0	2 1/4	2 1/4			
<b>6S</b>	<b>Dash size</b>	<b>DN</b>	<b>Dash size</b>	<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>	<b>in</b>	<b>in</b>			
6SA20FR20 (20-S80)	-20	31	-20	1 11/16-12	99,8	3.93	43,8	1.72	25,2	0.99	46,0	1 13/16	1 7/8			
6SA24FR24 (24-S84)	-24	38	-24	2-12	125,7	4.95	47,6	1.87	31,1	1.22	57,0	2 1/4	2 1/4			