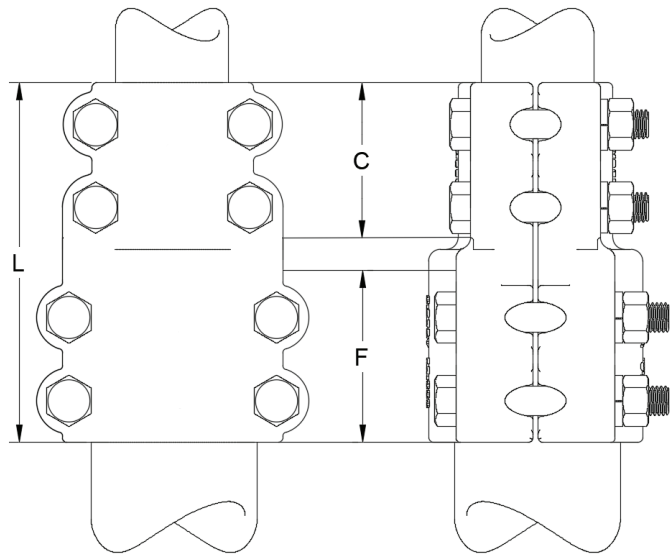
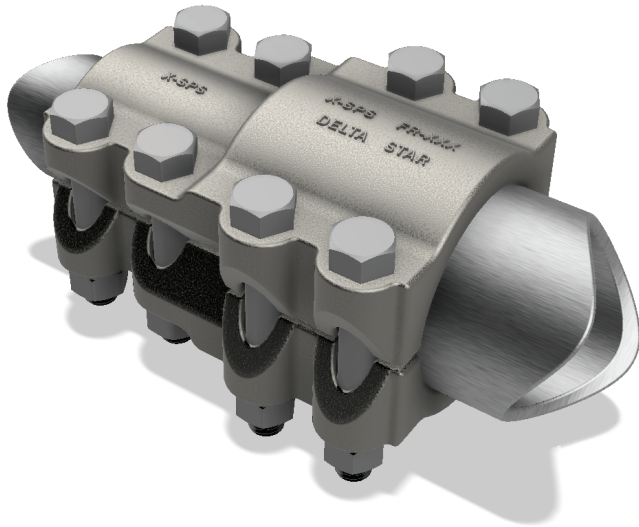


Reducers

FR-AL Tubing Run - Tap



Type "FR" aluminum reducer is designed for connections of two tubular buses of different diameters. It is cast to size, and like all Delta Star tubeto-tube connectors, it can be used with S.P.S. and E.H.P.S. tubing.

S.P.S. TUBING		CATALOG NUMBER	FIGURE NUMBER	DIMENSIONS IN INCHES			BOLT DIAMETER	
RUN	TAP			A	F	W	RUN	TAP
2	3/4	FR-140-AL	1	3	3 1/2	7	5/8	1/2
2	1	FR-141-AL	1	3 1/4	3 1/2	7 3/16	5/8	1/2
2	1 1/4	FR-142-AL	1	3	3 1/2	6 15/16	5/8	1/2
2	1 1/2	FR-143-AL	1	3 1/4	3 1/2	7 1/8	5/8	1/2
2 1/2	1	FR-151-AL	1	3 1/4	3 1/2	7 1/8	5/8	1/2
2 1/2	1 1/4	FR-152-AL	1	3	3 1/2	7	5/8	1/2
2 1/2	1 1/2	FR-153-AL	1	3 1/4	3 1/2	7 3/16	5/8	1/2
2 1/2	2	FR-154-AL	1	3 1/2	3 1/2	7 3/8	5/8	5/8
3	1	FR-161-AL	1	3 1/4	3 1/2	7	5/8	1/2
3	1 1/4	FR-162-AL	1	3	3 1/2	7 1/8	5/8	1/2
3	1 1/2	FR-163-AL	1	3 1/4	3 1/2	7 3/8	5/8	1/2
3	2	FR-164-AL	1	3 1/2	3 1/2	7 9/16	5/8	5/8
3	2 1/2	FR-165-AL	1	3 1/2	3 1/2	7 1/2	5/8	5/8
3 1/2	1 1/4	FR-170-AL	1	3	3 1/2	7 1/8	5/8	1/2
3 1/2	1 1/2	FR-171-AL	1	3 1/4	3 1/2	7 3/8	5/8	1/2
3 1/2	2	FR-172-AL	1	3 1/2	3 1/2	7 9/16	5/8	5/8
3 1/2	2 1/2	FR-173-AL	1	3 1/2	3 1/2	7 1/2	5/8	5/8
3 1/2	3	FR-174-AL	1	3 1/2	3 1/2	7 7/16	5/8	5/8

(continued)

For cross reference or other
information, please contact us.
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Reducers

FR-AL Tubing Run - Tap

(continued)

S.P.S. TUBING		CATALOG NUMBER	FIGURE NUMBER	DIMENSIONS IN INCHES			BOLT DIAMETER	
RUN	TAP			A	F	W	RUN	TAP
4	1 1/2	FR-180-AL	1	3 1/4	3 1/2	7 1/2	5/8	1/2
4	2	FR-181-AL	1	3 1/2	3 1/2	7 11/16	5/8	5/8
4	2 1/2	FR-182-AL	1	3 1/2	3 1/2	7 11/16	5/8	5/8
4	3	FR-183-AL	1	3 1/2	3 1/2	7 5/8	5/8	5/8
4	3 1/2	FR-184-AL	1	3 1/2	3 1/2	7 9/16	5/8	5/8
5	2	FR-214-AL	1	3 1/2	3 1/2	7 1/4	5/8	5/8
5	2 1/2	FR-215-AL	1	3 1/2	3 1/2	7 5/16	5/8	5/8
5	3	FR-216-AL	1	3 1/2	3 1/2	7 5/16	5/8	5/8
5	3 1/2	FR-217-AL	1	4 1/4	3 1/2	7 13/16	5/8	5/8
5	4	FR-218-AL	1	6	4 1/4	10 3/4	5/8	5/8
6	2	FR-224-AL	1	3 1/2	3 1/2	7 5/16	5/8	5/8
6	2 1/2	FR-225-AL	1	5	3 1/2	8 3/4	5/8	5/8
6	3	FR-226-AL	1	5 1/4	3 1/2	9	5/8	5/8
6	3 1/2	FR-227-AL	1	5 1/2	4 1/4	10	5/8	5/8
6	4	FR-228-AL	1	6	4 1/4	10 1/2	5/8	5/8
6	5	FR-229-AL	2	7	6	13 1/4	5/8	5/8

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