

DOSSERT®

TYPE SP-AA Stud Connector to Pipe

A connector for joining a tubular bus conductor to a threaded stud.

Material

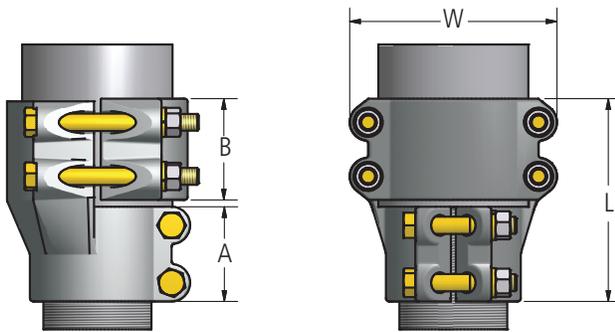
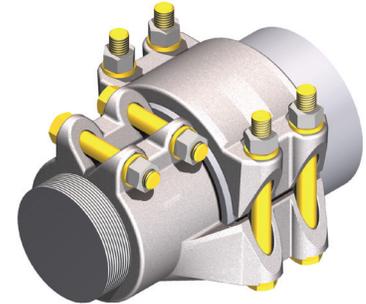
Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts and lockwashers.

Notes

1. For tin plating add suffix "-SN" to end of catalog number.
2. For no threads use suffix "T0" in catalog number. Ex: SP100-75-T0-AA-SN.



Ordering Information

CATALOG NUMBER	STUD DIAMETER	THREADS PER INCH	SPS	DIMENSIONS IN INCHES				BOLT SIZE	
				A	B	L	W	STUD	PIPE
SP125-150-T14-AA	1-1/4	14	1-1/2	2-3/4	3	6	3-5/8	1/2	1/2
SP100-75-T16-AA	1	16	3/4	2-3/4	2-3/4	5-3/4	2-13/16	1/2	1/2
SP150-300-T12-AA	1-1/2	12	3	2-3/4	3-1/2	6-1/2	5-5/8	1/2	1/2
SP112-75-T12-AA	1-1/8	12	3/4	2-3/4	2-3/4	5-3/4	2-13/16	1/2	1/2
SP112-100-T12-AA	1-1/8	12	1	2-3/4	2-3/4	5-3/4	3-1/16	1/2	1/2
SP112-125-T12-AA	1-1/8	12	1-1/4	2-3/4	3	6	3-7/16	1/2	1/2
SP112-150-T12-AA	1-1/8	12	1-1/2	2-3/4	3	6	3-5/8	1/2	1/2
SP118-250-T12-AA	1-3/8	12	2-1/2	2-3/4	3-1/4	6-1/4	4-1/8	1/2	1/2
SP150-100-T12-AA	1-1/2	12	1	2-3/4	2-3/4	5-3/4	3-1/16	1/2	1/2
SP150-125-T12-AA	1-1/2	12	1-1/4	2-3/4	3	6	3-7/16	1/2	1/2
SP150-150-T12-AA	1-1/2	12	1-1/2	2-3/4	3	6	3-5/8	1/2	1/2
SP150-200-T12-AA	1-1/2	12	2	2-3/4	3-1/4	6-1/4	4-1/8	1/2	1/2
SP150-250-T12-AA	1-1/2	12	2-1/2	2-3/4	3-1/4	6-1/4	4-1/8	1/2	1/2
SP200-100-T12-AA	2	12	1	2-3/4	2-3/4	5-3/4	3-1/16	1/2	1/2
SP200-125-T12-AA	2	12	1-1/4	2-3/4	3	6	3-7/16	1/2	1/2
SP200-150-T12-AA	2	12	1-1/2	2-3/4	3	6	3-5/8	1/2	1/2
SP200-200-T12-AA	2	12	2	2-3/4	3-1/4	6-1/4	4-1/8	1/2	1/2
SP200-250-T12-AA	2	12	2-1/2	2-3/4	3-1/4	6-1/4	4-1/8	1/2	1/2
SP200-350-T12-AA	2	12	3-1/2	2-3/4	3-3/4	6-3/4	6-1/8	1/2	5/8
SP400-500-T10-AA	4	10	5	3-1/2	3-3/4	7-1/2	7-3/4	5/8	5/8
SP400-600-T12-AA	4	12	6	4-1/8	8	12-1/2	8-3/4	5/8	5/8

TYPE SX-AA, SX-90-AA

Stud Expansion Connector for Pipe

An expansion stud connector for joining a tubular bus to a threaded or unthreaded transformer stud. The movements of the conductors caused by thermal expansion and contraction or settling foundations are efficiently absorbed by the aluminum laminated straps. Type SX is furnished with an alignment guide for connections where axial alignment is required.

Material

Aluminum Alloy

Hardware

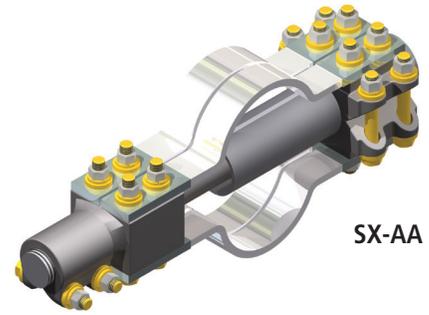
Aluminum bolts, nuts, and lockwashers.

Laminates

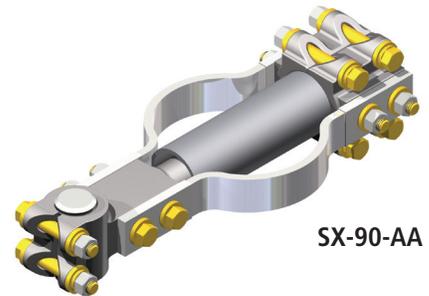
Pure aluminum

Notes

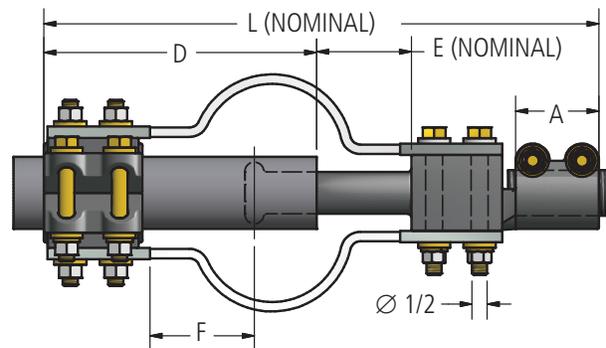
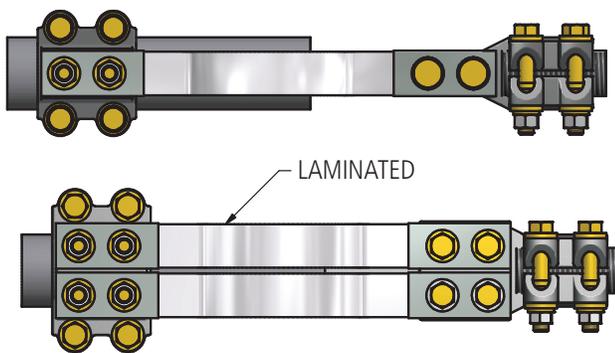
- For a 90 degree stud connector, add -90 to the Catalog Number.
Ex: SX100-100-T14-90-AA



SX-AA



SX-90-AA



SX-90-AA

TYPE SX-AA, SX-90-AA

Stud Expansion Connector for Pipe Type SX

Ordering Information

Catalog Number		SPS	Stud Diameter	Threads Per Inch	Dimension in Inches					Bolt Size	
					A	D	E	F	L	Stud	SPS
SX75-75-T16-AA	SX75-75-T16-90-AA	3/4	3/4	16	2-1/4	6-5/8	1-1/2	3	13-5/8	1/2	1/2
SX75-100-T16-AA	SX75-100-T16-90-AA	1	3/4	16	2-1/4	6-3/4	1-1/2	3-1/2	13-3/4	1/2	1/2
SX100-75-T14-AA	SX100-75-T14-90-AA	3/4	1	14	2-1/4	6-5/8	1-1/2	3	13-5/8	1/2	1/2
SX100-100-T14-AA	SX100-100-T14-90-AA	1	1	14	2-1/4	6-3/4	1-1/2	3-1/2	13-3/4	1/2	1/2
SX100-125-T14-AA	SX100-125-T14-90-AA	1-1/4	1	14	2-1/4	7-5/8	1-1/2	3-1/2	14-5/8	1/2	1/2
SX100-150-T14-AA	SX100-150-T14-90-AA	1-1/2	1	14	2-1/4	7-5/8	1-1/2	3-1/2	14-5/8	1/2	1/2
SX100-200-T12-AA	SX100-200-T12-90-AA	2	1	12	2-11/32	10	2-1/2	4-1/2	16-3/4	1/2	1/2
SX112-75-T12-AA	SX112-75-T12-90-AA	3/4	1-1/8	12	2-1/4	6-5/8	1-1/2	3	13-5/8	1/2	1/2
SX112-100-T12-AA	SX112-100-T12-90-AA	1	1-1/8	12	2-1/4	6-3/4	1-1/2	3-1/2	13-3/4	1/2	1/2
SX112-125-T12-AA	SX112-125-T12-90-AA	1-1/4	1-1/8	12	2-1/4	7-5/8	1-1/2	3-1/2	14-5/8	1/2	1/2
SX112-150-T12-AA	SX112-150-T12-90-AA	1-1/2	1-1/8	12	2-1/4	7-5/8	1-1/2	3-1/2	14-5/8	1/2	1/2
SX112-250-T12-AA	SX112-250-T12-90-AA	2-1/2	1-1/8	12	2-1/2	8-3/4	2-1/2	4-1/2	16-5/8	1/2	1/2
SX125-75-T12-AA	SX125-75-T12-90-AA	3/4	1-1/4	12	2-3/4	6-5/8	1-1/2	3	14-1/8	1/2	1/2
SX125-100-T12-AA	SX125-100-T12-90-AA	1	1-1/4	12	2-3/4	6-3/4	1-1/2	3-1/2	14-1/4	1/2	1/2
SX125-125-T12-AA	SX125-125-T12-90-AA	1-1/4	1-1/4	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX125-150-T12-AA	SX125-150-T12-90-AA	1-1/2	1-1/4	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX150-75-T12-AA	SX150-75-T12-90-AA	3/4	1-1/2	12	2-3/4	6-5/8	1-1/2	3	14-1/8	1/2	1/2
SX150-100-T12-AA	SX150-100-T12-90-AA	1	1-1/2	12	2-3/4	6-3/4	1-1/2	3-1/2	14-1/4	1/2	1/2
SX150-125-T12-AA	SX150-125-T12-90-AA	1-1/4	1-1/2	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX150-150-T12-AA	SX150-150-T12-90-AA	1-1/2	1-1/2	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX150-200-T12-AA	SX150-200-T12-90-AA	2	1-1/2	12	2-3/4	8-1/4	2-1/2	4-1/2	16-3/4	1/2	1/2
SX150-450-T12-AA	SX150-450-T12-90-AA	4-1/2	1-1/2	12	2-3/4	11-3/4	3-3/4	3-5/8	22	1/2	5/8
SX175-75-T12-AA	SX175-75-T12-90-AA	3/4	1-3/4	12	2-3/4	6-5/8	1-1/2	3	14-1/8	1/2	1/2
SX175-100-T12-AA	SX175-100-T12-90-AA	1	1-3/4	12	2-3/4	6-3/4	1-1/2	3-1/2	14-1/4	1/2	1/2
SX175-125-T12-AA	SX175-125-T12-90-AA	1-1/4	1-3/4	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX175-150-T12-AA	SX175-150-T12-90-AA	1-1/2	1-3/4	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX175-200-T12-AA	SX175-200-T12-90-AA	2	1-3/4	12	2-3/4	8-1/4	2-1/2	4-1/2	16-3/4	1/2	1/2
SX200-100-T12-AA	SX200-100-T12-90-AA	1	2	12	2-3/4	6-3/4	1-1/2	3-1/2	14-1/4	1/2	1/2
SX200-125-T12-AA	SX200-125-T12-90-AA	1-1/4	2	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX200-150-T12-AA	SX200-150-T12-90-AA	1-1/2	2	12	2-3/4	7-5/8	1-1/2	3-1/2	15-1/8	1/2	1/2
SX200-200-T12-AA	SX200-200-T12-90-AA	2	2	12	2-3/4	8-1/4	2-1/2	4-1/2	16-3/4	1/2	1/2
SX200-250-T12-AA	SX200-250-T12-90-AA	2-1/2	2	12	2-3/4	8-3/4	2-1/2	4-1/2	17-1/4	1/2	1/2
SX200-250E-T12-AA	SX200-250E-T12-90-AA	2-1/2	2	12	2-3/4	8-3/4	2-1/2	4-1/2	17-1/4	1/2	1/2
SX200-300-T12-AA	SX200-300-T12-90-AA	3	2	12	2 3/4	6 9/16	5	4 1/2	18 7/16	1/2	5/8
SX225-350E-T12-AA	SX225-350E-T12-90-AA	3-1/2	2-1/4	12	2-3/4	9-1/4	2-1/2	4-1/2	15-1/2	1/2	5/8
SX250-250E-T12-AA	SX250-250E-T12-90-AA	2-1/2	2-1/2	12	2-3/4	9-1/4	2-1/2	4-1/2	15-1/2	1/2	5/8
SX300-200-T12-AA	SX300-200-T12-90-AA	2	3	12	3-1/4	8-1/4	2-1/2	4-1/2	17-1/4	5/8	1/2
SX300-250-T12-AA	SX300-250-T12-90-AA	2-1/2	3	12	3-1/4	8-3/4	2-1/2	4-1/2	17-3/4	5/8	1/2
SX300-300-T12-AA	SX300-300-T12-90-AA	3	3	12	3-1/4	10	2-1/2	4-1/2	19	5/8	5/8
SX300-350-T12-AA	SX300-350-T12-90-AA	3-1/2	3	12	3-1/4	11	2-1/2	4-1/2	20	5/8	5/8
SX300-400-T12-AA	SX300-400-T12-90-AA	4	3	12	3-1/4	11-1/2	2-1/2	4-1/2	20-1/2	5/8	5/8