

TYPE SX-AA, SX-90-AA

Stud Expansion Connector for Pipe

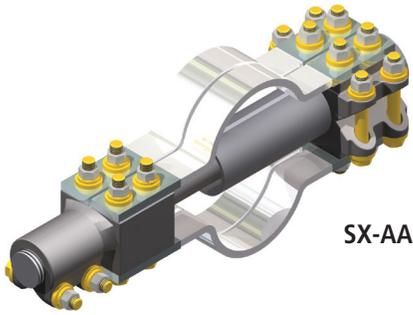
An expansion stud connector for joining a tubular bus to a threaded or unthreaded transformer stud. The movements of the conductors caused by thermal expansion and contraction or settling foundations are efficiently absorbed by the aluminum laminated straps. Type SX is furnished with an alignment guide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

Material
Aluminum Alloy

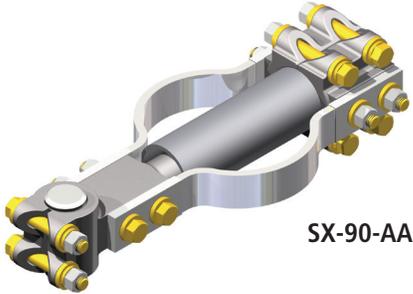
Hardware
Aluminum bolts, nuts, and lockwashers.

Laminates
Pure aluminum

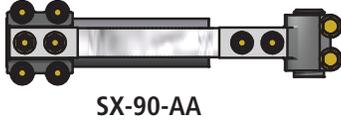
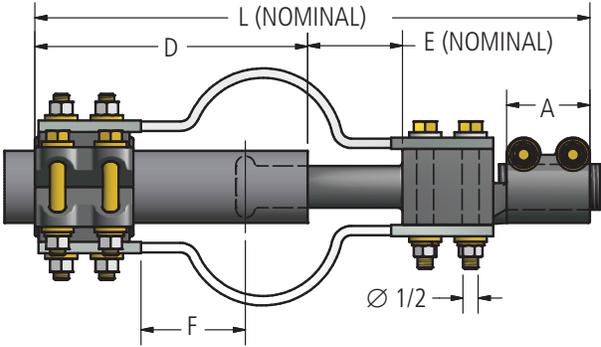
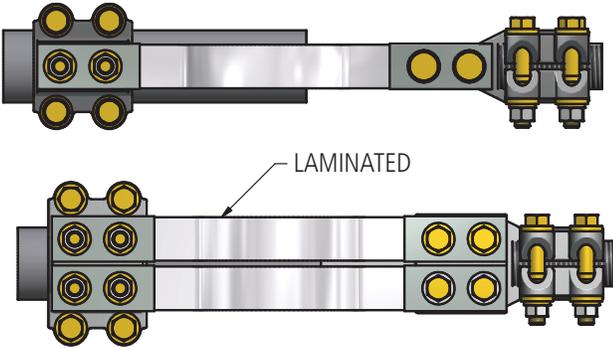
- Notes**
- For a 90 degree stud connector, add -90 to the Catalog Number.
Ex: SX100-100-T14-90-AA



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