

# MECHANICAL CONNECTORS

## Aluminum Dual Rated Transformer Stud Connectors

### TS SERIES



#### FEATURES

- Versatile and reusable set-screw connectors made from high strength 6061-T6 aluminum alloy for superior electrical and mechanical performance.
- Clear plated for low contact resistance; stud is tin plated copper which provides low contact resistance for connection to transformer.
- For use with copper and aluminum conductors.
- Also available with the following options: clear plating, anodized set-screws or disc pad screws – contact NSi Customer Service for ordering details.

#### RATINGS

Meets or exceeds ANSI C119.4 Class A.

##### TEMPERATURE RATING:

90 °C.

##### VOLTAGE:

600V max.

TS350-8



All dimensional data is listed in inches.

CAT. NO.	WIRE RANGE
<b>TS1/0-2</b>	1/0-4 AWG
<b>TS1/0-4</b>	1/0-4 AWG
<b>TS250-2</b>	250 MCM-6 AWG
<b>TS250-3</b>	250 MCM-6 AWG
<b>TS250-4</b>	250 MCM-6 AWG
<b>TS250-8</b>	250 MCM-6 AWG
<b>TS350-2</b>	350 MCM-6 AWG
<b>TS350-2-12</b>	350 MCM-6 AWG
<b>TS350-3</b>	350 MCM-6 AWG
<b>TS350-4</b>	350 MCM-6 AWG
<b>TS350-6</b>	350 MCM-6 AEG
<b>TS350-8</b>	350 MCM-6 AWG
<b>TS500-2</b>	500 MCM-4 AWG
<b>TS500-3</b>	500 MCM-4 AWG
<b>TS500-4</b>	500 MCM-4 AWG
<b>TS750-2</b>	750-250 MCM
<b>TS750-4</b>	750-250 MCM



NO. OF CONDUCTORS	COPPER STUD DIA.	STUD LENGTH	TORQUE VALUE (IN./LBS.)	WRENCH SIZE	LENGTH (L)	WIDTH (W)	HEIGHT (H)	STD. CTN. QTY.
2	0.375	3.00	180	5/16	2.030	0.630	0.880	1
4	0.375	3.00	180	5/16	2.680	0.880	0.880	1
2	0.500	4.00	360	5/16	2.590	0.880	1.130	1
3	0.500	4.00	360	5/16	3.460	0.880	1.130	1
4	0.500	4.00	360	5/16	4.320	0.880	1.130	1
8	0.500	4.00	360	5/16	7.770	0.880	1.130	1
2	0.625	4.00	400	5/16	2.950	0.880	1.250	1
2	0.500	4.00	400	5/16	2.950	0.880	1.250	1
3	0.625	4.00	400	5/16	3.950	0.880	1.250	1
4	0.625	4.00	400	5/16	4.950	0.880	1.250	1
6	0.625	4.00	400	5/16	6.950	0.880	1.250	1
8	0.625	4.00	400	5/16	8.950	0.880	1.250	1
2	0.750	4.50	450	5/16	4.650	1.130	1.630	1
3	0.750	4.50	450	5/16	5.790	1.130	1.630	1
4	0.750	4.50	450	5/16	6.940	1.130	1.630	1
2	0.750	5.50	550	5/16	4.040	1.250	1.750	1
4	0.750	5.50	550	5/16	6.720	1.250	1.750	1

