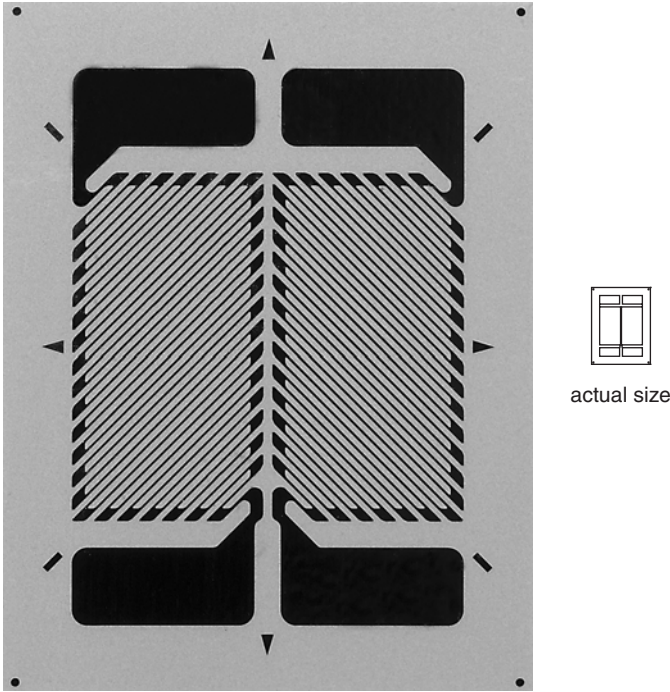


General Purpose Strain Gages - Shear/Torque Pattern

| GAGE PATTERN DATA | | | | | |
|---|-----------------------|---|--|--|--|
|  <p>actual size</p> | | | GAGE DESIGNATION See Note 1, 3 | RESISTANCE (OHMS) See Note 2 | OPTIONS AVAILABLE See Note 3 |
| | | | EA-XX-125TK-350 WA-XX-125TK-350 WK-XX-125TK-10C SA-XX-125TK-350 SK-XX-125TK-10C | 350 ± 0.2% 350 ± 0.4% 1000 ± 0.4% 350 ± 0.4% 1000 ± 0.4% | E, L, LE |
| DESCRIPTION High-resistance two-element 90° torque gage. Similar to 125TL pattern except sections are electrically independent. See also 125TH pattern. | | | | | |
| GAGE DIMENSIONS | | Legend: ES = Each Section S = Section (S1 = Sec 1) | | CP = Complete Pattern M = Matrix | |
| | | | | inch | millimeter |
| Gage Length | Overall Length | Grid Width | Overall Width | Matrix Length | Matrix Width |
| 0.125 ES | 0.320 CP | 0.110 ES | 0.225 CP | 0.40 | 0.31 |
| 3.18 ES | 8.13 CP | 2.79 ES | 5.72 CP | 10.2 | 7.9 |

| GAGE SERIES DATA | | | |
|---|---|--------------|-----------------------------------|
| See Gage Series data sheet for complete specifications. | | | |
| Series | Description | Strain Range | Temperature Range |
| EA | Constantan foil in combination with a tough, flexible, polyimide backing. | ±5% | -100° to +350°F [-75° to +175°C] |
| WA | Fully encapsulated constantan gages with high-endurance leadwires. | ±2% | -100° to +400°F [-75° to +205°C] |
| WK | Fully encapsulated K-alloy gages with high-endurance leadwires. | ±1.5% | -452° to +550°F [-269° to +290°C] |
| SA | Fully encapsulated constantan gages with solder dots. | ±2% | -100° to +400°F [-75° to +205°C] |
| SK | Fully encapsulated K-alloy gages with solder dots. | ±1.5% | -452° to +450°F [-269° to +230°C] |

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Tolerance is increased when Option W, E, SE, LE, or P is specified.

Note 3: Products with designations and options shown in bold are not RoHS compliant.