### **EMEME** Micro-Measurements



# **General Purpose Strain Gages**

		GAGE SERIES	GAGE RESISTANCE	GAGE LENGTH			
G	GAGE PATTERN		See Note 1	(ohms)	inches	millimeters	
062DW	, 🚔 ,	A	EA, ED, <b>WA</b> , WK, <b>SA</b> , <b>SK</b> , <b>SD</b> , WD	120, 350	0.062	1.57	
		actual size	45° torque gage. Matrix size: 0.30L x 0.15W in. (7.6L x 3.8W mm)				
	·						
062TW		Ē	EA, WK, <b>SA</b> , <b>SK</b>	120, 350	0.062	1.52	
	actual size	Two-element 90° torque gage.					
	, , , , , , , , , , , , , , , , , , ,		Matrix size: 0.27L x 0.21W in. (6.9L x 5.3W mm)				
090DW	, <b>ů</b> ,	actual size	EA, <b>WA</b> , WK, <b>SA</b> , <b>SK</b>	120, 350	0.09	2.29	
			45° torque gage. Larger version of 062DW pattern. See also 090DY pattern.				
	<b>—</b>		Matrix size: 0.38L x 0.19W in. (9.6L x 4.8W mm)				
090DY	. <b>Þ</b> .	actual size	EA, <b>WA</b> , WK, <b>SA</b> , <b>SK</b>	120, 350	0.09	2.29	
			45° torque gage. Similar to the 090DW pattern except opposite grid angle. Matrix size: 0.38L x 0.19W in. (9.7L x 4.8W mm)				
					r	T	
125TH		actual size	EA, <b>WA</b> , WK, <b>SA</b> , <b>SK</b>	120, 350	0.125	3.18	
			Two-element 90° torque gage. Sections are electrically independent.				
			Matrix size: 0.44L x 0.31W in. (11.2L x 7.9W mm)				
125TR		actual size	EA, EK, <b>S2K, WA</b> , WK, <b>SA, SK</b>	120, 350, 1000	0.125	3.18	
			Two-element 90° torque rosette. EK-Series gages are supplied with duplex copper dots (DD) when optional feature W or SE is not specified.				
			Matrix size: 0.36L x 0.47W	in. (9.1L x 11.9W mm)			

**Note 1:** Products with designations and options shown in bold are not RoHS compliant.

See www.vishay.com/strain-gages for complete specifications.



# **Other Shear/Torque Patterns**

### Micro-Measurements

#### General Purpose Strain Gages

GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (ohms)	GAGE LENGTH		
GAGE FATTERN			inches	millimeters	
250TK	EA, <b>WA</b> , WK, <b>SA</b> , <b>SK</b>	120, 350, 1000	0.25	6.35	
	Two-element 90° torque gage with compact geometry. Sections are electrically independent.				
actual size	Matrix size: 0.74L x 0.55W in. (18.8.3L x 14.0W mm)				
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250TR	EA, EK, <b>S2K, WA</b> , WK, <b>SA</b> , <b>SK</b>	120, 350, 1000	0.25	6.35	
	Two-element 90° rosette for shear-strain and torque measurements. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified.				
actual size	Matrix size: 0.70L x 0.96W in. (17.8L x 24.4W mm)				

**Note 1:** Products with designations and options shown in bold are not RoHS compliant.

See www.vishay.com/strain-gages for complete specifications.



Vishay Precision Group

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