

PRECISION STRAIN GAGE

PRE-WIRED, STACKED (ROUND CARRIER) RECTANGULAR ROSETTE

KFG Series

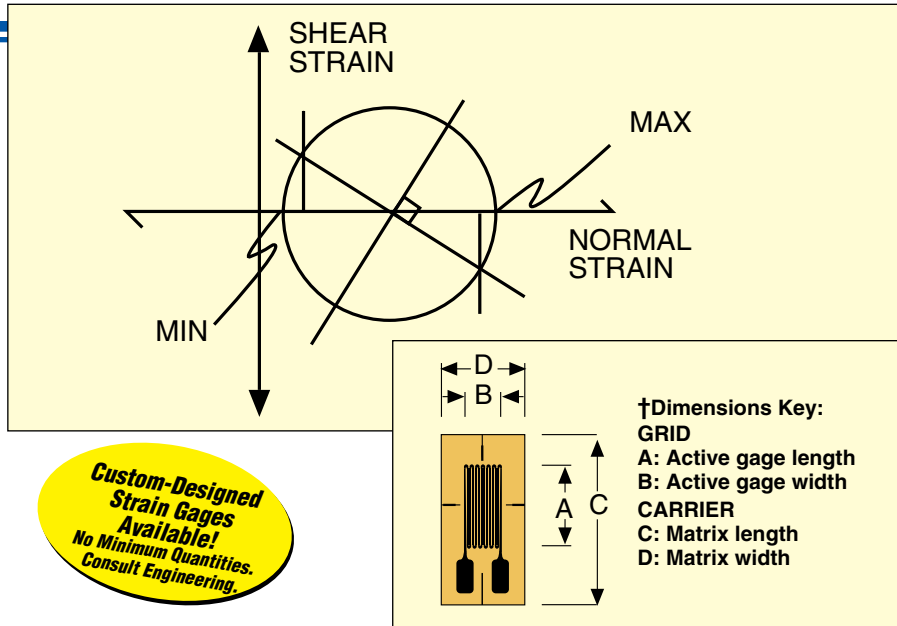
Rosettes are used to compute the state of stress at a particular point. The plotted results will form a Mohr circle, which gives the value and orientation of principal strains.

Termination

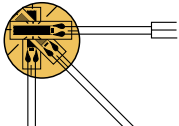
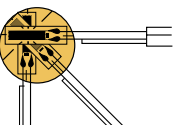
2 Wire: 2 lead wires, 1 m (3') attached
3 Wire: 3 lead wires, 3 m (9') attached (minimize lead wire resistance effects)

Temperature Compensation

STE Steel 10.8 ppm/C



To Order

MODEL NO. Pkg of 10	NOM. RESISTANCE (Ω)	DIMENSIONS mm (inch)†				MAX PERMITTED BRIDGE ENERGIZING VOLTAGE (Vrms)	TERMINATION	TEMP COMP.
		GRID		CARRIER				
		A	B	C	D			
0°/45°/90° ENCAPSULATED WITH 2 LEAD WIRES 1 m (3') LONG—MATCHED TO STEEL								
 KFG-1-120-D17-11L1M2S	120	1.0 (0.039)	1.2 (0.047)	5.0 (0.2)	—	1.5	2 wire	STE
KFG-2-120-D17-11L1M2S	120	2.0 (0.079)	1.3 (0.051)	8.0 (0.31)	—	2	2 wire	STE
KFG-3-120-D17-11L1M2S	120	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	4	2 wire	STE
KFG-3-350-D17-11L1M2S	350	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	15	2 wire	STE
KFG-5-120-D17-11L1M2S	120	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	8	2 wire	STE
KFG-5-350-D17-11L1M2S	350	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	20	2 wire	STE
0°/45°/90° ENCAPSULATED WITH 3 LEAD WIRES 3 m (9') LONG—MATCHED TO STEEL								
 KFG-1-120-D17-11L3M3S	120	1.0 (0.039)	1.2 (0.047)	5.0 (0.2)	—	1.5	3 wire	STE
KFG-2-120-D17-11L3M3S	120	2.0 (0.079)	1.3 (0.051)	8.0 (0.31)	—	2	3 wire	STE
KFG-3-120-D17-11L3M3S	120	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	4	3 wire	STE
KFG-3-350-D17-11L3M3S	350	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	15	3 wire	STE
KFG-5-120-D17-11L3M3S	120	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	8	3 wire	STE
KFG-5-350-D17-11L3M3S	350	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	20	3 wire	STE

DISCOUNT SCHEDULE

1 to 10 pkgs.	Net
11 to 24 pkgs.5%
25 to 49 pkgs.	10%
50 and up and OEM . . .	Consult Factory

Note: For strain gage accessories, visit us online.

Ordering Example: KFG-2-120-D17-11L3M3S, package of 10 pre-wired rosette strain gages, encapsulated with 3 lead wires attached to each element, with temperature characteristics matched to steel.