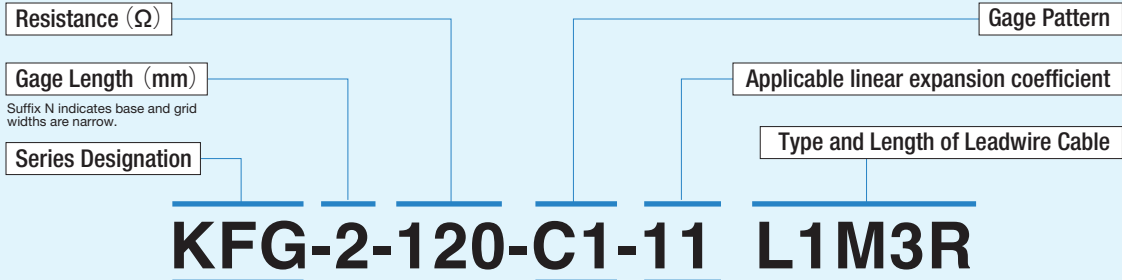


## Strain Gage Model Name Coding System



- KFG: General-purpose foil strain gage
- KFGT: Foil strain gage with temperature sensor
- KFR: Foil strain gage
- KFW: Waterproof foil strain gage
- KFWS: Small-sized waterproof foil strain gage
- KCW: Weldable waterproof foil strain gage
- KC: Wire strain gage
- KM: Embedded strain gage
- KMC: Concrete-embedded strain gage
- KFRP: Foil strain gage for composite materials
- KFRS: Foil strain gage for printed boards
- KFP: Foil strain gage for plastics
- KFML: Foil strain gage for low-elasticity materials
- KSP: Semiconductor strain gage
- KSN: Self-temperature-compensation semiconductor gage
- KSPH: High-output semiconductor gage
- KSPL: Ultra linear semiconductor gage
- KHCX: Encapsulated strain gage
- KHCV: Encapsulated strain gage
- KHCR: Encapsulated strain gage
- KHCS: Encapsulated strain gage
- KHCM: Encapsulated strain gage
- KHC: Encapsulated strain gage
- KFU: High-temperature foil strain gage
- KH: High-temperature foil strain gage
- KFH: High-temperature foil strain gage
- KFL: Low-temperature foil strain gage
- KFEM: Ultrahigh-elongation foil strain gage
- KFEL: High-elongation foil strain gage
- KFN: Non-inductive foil strain gage
- KFS: Shielded foil strain gage
- KFF: Foil strain gage for bending strain measurement
- KCH: Foil strain gage with protector
- KMP: Embedded gage
- KV: Crack gage

- A1: Uniaxial, leads at one end (KC, KTB gages)
- C1: Uniaxial, leads at one end (foil gage)
- C2: Uniaxial 90, lead at both ends
- C3: Uniaxial 0, lead at both ends
- C9: Uniaxial, leads at one end (KFN gage)
- C11: Uniaxial, 2-element, 1 mm thick (KFF gage)
- C12: Uniaxial, 2-element, 2 mm thick (KFF gage)
- C15: Uniaxial right 45, for shearing strain, leads at one end
- C16: Uniaxial left 45, for shearing strain, leads at one end
- C20: Uniaxial, leads at a side (for bolt axial tension)
- D1: Biaxial 0/90, lead at both ends
- D2: Biaxial 0/90, lead at both ends (for torque)
- D3: Triaxial 0/90/45, lead at both ends, plane arrangement
- D4: Triaxial 0/120/240, plane arrangement
- D6: Quadradial 0/30/90/150, plane arrangement
- D9: Uniaxial 5-element 90
- D16: Biaxial 0/90 stacked rosette, round base
- D17: Triaxial 0/90/45 stacked rosette, round base
- D19: Uniaxial 5-element 0
- D20: Biaxial 0/90 (KFN gage)
- D22: Triaxial 0/90/45, plane arrangement
- D25: Triaxial 0/90/45, plane arrangement
- D28: Triaxial 0/135/90, plane arrangement (for boring)
- D31: Biaxial 0/90, leads at one end (for torque)
- D34: Biaxial 0/90, plane arrangement
- D35: Triaxial 0/90/45, plane arrangement
- D39: Biaxial 5-element 0/90, stacked rosette
- E3: Uniaxial, lead at both ends (semiconductor gage)
- E4: Uniaxial, leads at one end (semiconductor gage)
- E5: Uniaxial, lead at both ends with no base (semiconductor gage)
- F2: Uniaxial 2-element (semiconductor gage)
- F3: Biaxial 0/90 (semiconductor gage)
- G4: Uniaxial, leads at one end (KH-G4)
- G8: Uniaxial active/dummy 2-element, Inconel (for KHC)
- G9: Uniaxial active/dummy 2-element, SUS (for KHC)
- G10: Uniaxial (for KCW)
- G12: Uniaxial active/dummy 2-element (for KHCS)
- G13: Uniaxial active/dummy 2-element (for KHCX)
- G15: Uniaxial active/dummy 2-element (for KHCM)
- G16: Uniaxial active/dummy 2-element (for KHCR)
- G17: Uniaxial active 1-element (for KHCV)
- H1: Uniaxial (for KM-30)
- H2: Uniaxial (for KM-120)
- H3: Uniaxial (for KMC)
- H4: Uniaxial with T thermocouple (for KMC)
- J1: Uniaxial (for KFS)

- 1: Composite materials such as CFRP
  - Amber (1.1)
  - Diamond (1.2)
- 3: Composite materials such as GFRP
  - Silicon (2.3)
  - Sulfur (2.7)
- 5: Composite materials such as GFRP
  - Tungsten (4.5)
  - Lumber (5.0)
  - Molybdenum (5.2)
  - Zirconium (5.4)
  - Kobar (5.9)
- 6: Composite materials such as GFRP
  - 28 Tantalum (6.6)
- 9: Composite materials such as CFRP, GFRP
  - Titanium alloy (8.5)
  - Platinum (8.9)
  - Soda-lime glass (9.2)
- 11: Common steel (11.7)
  - SUS631 (10.3)
  - SUS630 (10.6)
  - Cast iron (10.8)
  - Nickel-molybdenum steel (11.3)
  - Beryllium (11.5)
  - Inconel X (12.1)
- 13: Corrosion and heat-resistant alloys such as NCF
  - Nickel (13.3)
  - Printed board (13.0)
- 16: Stainless steel SUS304 (16.2)
  - Beryllium steel (16.7)
  - Copper (16.7)
- 23: 2014-T4 aluminum (23.4)
  - Brass (21.0)
  - Tin (23.0)
  - 2024-T4 aluminum (23.2)
- 27: Magnesium alloy (27.0)
  - Composite material, GFRP (35.0)
- 65: Acrylic resin (65.0)
  - Polycarbonate (66.6)

Note: Combination of codes is limited and menu options cannot freely be selected.