

Single shear strain gages: 1.9 mm (0.075 inch), 350 ohms, left version



Original size

Dimensions in mm and inch

Measuring grid length	Measuring grid width	Total length	Total width
1.9 mm	1.4 mm	7.1 mm	3.2 mm
0.075 inch	0.055 inch	0.280 inch	0.126 inch

Preferred types

Variants

Option 4)

Option 5)

Option 8)

Steel

Aluminum

Other

Temperature resp. matched to

Creep adaptation

Option

Nominal resistance

1-XU91S1.9/350_W

K-XU9x⁴⁾x⁵⁾1.9/350_W⁸⁾

1= Steel
3= Aluminum

A, C, E, G, I, K, M,
O, Q, S

_W

350 Ω ± 0.3 %

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1.9 mm	1.4 mm	7.1 mm	3.2 mm
0.075 inch	0.055 inch	0.280 inch	0.126 inch

Preferred types

Variants

Option 4)

Option 5)

Option 8)

Steel

Aluminum

Other

Temperature resp. matched to

Creep adaptation

Option

Nominal resistance

1-XU01S1.9/350_W

K-XU0x⁴⁾x⁵⁾1.9/350_W⁸⁾

1= Steel
3= Aluminum

A, C, E, G, I, K, M,
O, Q, S

_W

350 Ω ± 0.3 %

Single shear strain gages: 1.9 mm (0.075 inch), 350 ohms



Original size

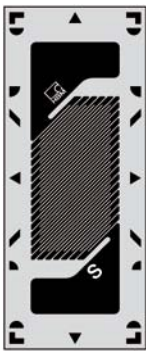
Dimensions in mm and inch

Measuring grid length	Measuring grid width	Total length	Total width
1.9 mm	2.4 mm	9.0 mm	4.4 mm
0.075 inch	0.094 inch	0.354 inch	0.173 inch

Single shear strain gages

Preferred types		Variants Other	Option 4)	Option 5)	Option 8)	Nominal resistance
Steel	Aluminum		Temperature resp. matched to	Creep adaptation	Option	
1-XA51S1.9/350_E		K-XA5x ⁴⁾ x ⁵⁾ 1.9/350xx ⁸⁾	1= Steel 3= Aluminum	A, C, E, G, I, K, M, O, Q, S	_E, BE, LE, _W	350 Ω ± 0.3 %

Single shear strain gages: 2.8 mm (0.110 inch), 175, 350 and 1000 ohms, left version



Original size

The 175 and 1000 ohms versions have a slightly smaller measuring grid; however, the external dimensions are as shown.

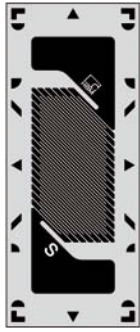
Dimensions in mm and inch

Measuring grid length	Measuring grid width	Total length	Total width
2.8 mm	3.5 mm	9.7 mm	4.0 mm
0.110 inch	0.138 inch	0.382 inch	0.157 inch

Single shear strain gages

Preferred types		Variants Other	Option 4)	Option 5)	Option 8)	Nominal resistance
Steel	Aluminum		Temperature resp. matched to	Creep adjustment	Option	
1-XA91K2.8/175_E		K-XA9x ⁴⁾ x ⁵⁾ 2.8/175xx ⁸⁾	1= Steel 3= Aluminum	A, C, E, G, I, K, M, O, Q, S	_E, BE, LE, _W	175 Ω ± 0.3 %
1-XA91S2.8/175_E						175 Ω ± 0.3 %
1-XA91K2.8/350_E		K-XA9x ⁴⁾ x ⁵⁾ 2.8/350xx ⁸⁾	1= Steel 3= Aluminum	A, C, E, G, I, K, M, O, Q, S	_E, BE, LE, _W	350 Ω ± 0.3 %
1-XA91S2.8/350_E						350 Ω ± 0.3 %
1-XU91K2.8/1K0_E		K-XU9x ⁴⁾ x ⁵⁾ 2.8/1K0xx ⁸⁾	1= Steel 3= Aluminum	A, C, E, G, I, K, M, O, Q, S	_E, BE, LE, _W	1000 Ω ± 0.3 %
1-XU91S2.8/1K0_E						1000 Ω ± 0.3 %

Single shear strain gages: 2.8 mm (0.110 inch), 175, 350 and 1000 ohms, right version



Original size

The 175 and 1000 ohms versions have a slightly smaller measuring grid; however, the external dimensions are as shown.

Dimensions in mm and inch

Measuring grid length	Measuring grid width	Total length	Total width
2.8 mm	3.5 mm	9.7 mm	4.0 mm
0.110 inch	0.138 inch	0.382 inch	0.157 inch

Single shear strain gages

Preferred types		Variants	Option 4)	Option 5)	Option 8)	Nominal resistance
Steel	Aluminum	Other	Temperature resp. matched to	Creep adjustment	Option	
1-XA01K2.8/175_E		K-XA0x ⁴⁾ x ⁵⁾ 2.8/175xx ⁸⁾	1= Steel 3= Aluminum	A, C, E, G, I, K, M, O, Q, S	_E, BE, LE, _W	175 Ω ± 0.3 %
1-XA01S2.8/175_E						175 Ω ± 0.3 %
1-XA01K2.8/350_E		K-XA0x ⁴⁾ x ⁵⁾ 2.8/350xx ⁸⁾	1= Steel 3= Aluminum	A, C, E, G, I, K, M, O, Q, S	_E, BE, LE, _W	350 Ω ± 0.3 %
1-XA01S2.8/350_E						350 Ω ± 0.3 %
1-XU01K2.8/1K0_E		K-XU0x ⁴⁾ x ⁵⁾ 2.8/1K0xx ⁸⁾	1= Steel 3= Aluminum	A, C, E, G, I, K, M, O, Q, S	_E, BE, LE, _W	1000 Ω ± 0.3 %
1-XU01S2.8/1K0_E						1000 Ω ± 0.3 %