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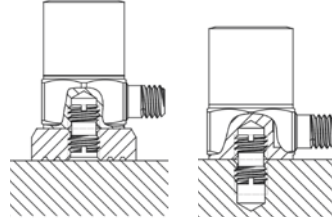
Accessories

Mounting

Common accessories extend the flexibility of the accelerometer families, often adapting to less than optimal conditions. For instance, the variety of adhesive mounting pads provide ground isolation while permitting a reasonable attachment in situations where tapping a threaded hole is unacceptable.

A series of magnet mounts provide an alternate solution if the structure is a ferrous material. Also included in this section are a variety of conversion studs to accommodate a previous mounting site to a different accelerometer with different threads. Mounting

cubes provide a means of obtaining accurate orthogonal measurements at a reasonable cost.



Magnetic mounting base – see data sheet 8400_000-281 for more information


Technical data	Type	A mm [in]	B mm [in]	C mm [in]	THD. X	Holding Force N [lbf]	Weight (grams)	Max. temp. °C [°F]	Material	Recommended Sensor Types
	8450A	7.6 [0.30]	12.7 [0.50]	11.1 [0.44]	5–40	26.7 [6]	1.25	170 [340]	17-4 PH Stainless steel	8763, 8730
	8452A	11.2 [0.44]	17.8 [0.70]	15.9 [0.62]	10–32	55 [12]	19	260 [500]	17-4 PH Stainless steel	8274, 8702, 8703, 8704, 8705, 8774, 8784, 8763, 8202, 8786, 8290, 8766
	KIG4662B-4	10.9 [0.43]	18.0 [0.71]	12.7 [0.50]	10–32	55 [12]	17	80 [175]	Stainless steel	
	KIG4662B-1	10.9 [0.43]	18.0 [0.71]	12.7 [0.50]	6–32	55 [12]	17	80 [175]	Stainless steel	8714
	KIG4662B-5	9.9 [0.39]	11.9 [0.47]	9.9 [0.39]	M2.5	55 [12]	8	80 [175]	Stainless steel	8765, 8715, 8764
	KIG4662B-6	5.8 [0.23]	9.4 [0.37]	7.1 [0.28]	5–40	20 [5]	8	80 [175]	Stainless steel	8730, 8640
	8456	11.3 [0.44]	25.0 [0.98]	–	¼–28	135 [30]	57	170 [340]	17-4 PH Stainless steel	8203
	KIG4662B-3	14.0 [0.55]	18.0 [0.71]	–	10–32	50 [11]	16	80 [180]	Stainless steel	8702, 8705
	KIG4662B-2	14.0 [0.55]	18.0 [0.71]	–	¼–28	50 [11]	16	80 [180]	Stainless steel	–
	8458A	28.0 [1.10]	47.0 [1.85]	–	¼–28	40 [9]	102	–	17-4 PH Stainless steel	8203, 8712

Technical data	Type	A mm [in]	C mm [in]	D mm [in]	THD. X	Holding Force N [lbf]	Material	Recommended Sensor Types
	8466K03	5.08 [0.20]	8.9 [0.35]	22.2 Hex [0.88 Hex]	10–32	100 [22]	303 Stainless steel	8396
	800M159	2.5 [0.10]	6.3 [0.25]	11.1 [0.44]	10–32	40 [9]	17-4 PH Stainless steel	8688
	800M160	2.5 [0.10]	5.1 [0.20]	9.4 [0.37]	5–40	30 [7]	17-4 PH Stainless steel	8640

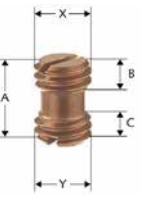

Accessories

Mounting

Magnetic mounting base – see data sheet 8400_000-281 for more information

Technical data	Type	A (thickness) mm [in]	B mm [in]	C mm [in]	THD. X	Holding Force N [lbf]	Material	Recommended Sensor Types
	8464K03	7.6 [0.30]	21.6 [0.85]	25.4 [1.00]	4–40	100 [22]	17-4 PH Stainless steel	8316

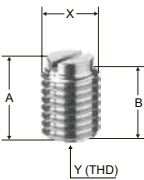
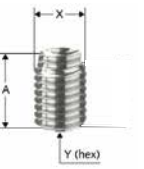
Mounting studs – see data sheet 8400_000-281 for more information

Technical data	Type	A mm [in]	B mm [in]	C mm [in]	THD. X	THD. Y	Material	Recommended Sensor Types
	8402	7.1 [0.28]	2.5 [0.10]	2.5 [0.10]	10–32	10–32	BeCu	8290, 8202, 8702, 8704, 8703, 8705, 8784, 8786, 8396, 8762, 8770
	8404	7.1 [0.28]	2.5 [0.10]	2.5 [0.10]	10–32	10–32	17-4 PH Stainless steel	8044
	8406	5.8 [0.23]	2.0 [0.08]	2.0 [0.08]	10–32	10–32	BeCu	8076K, 8080
	8410	6.4 [0.25]	3.2 [0.13]	2.0 [0.08]	¼–28	10–32	BeCu	8076K, 8203, 8712, 8784, 8786, 8080
	8411	10.4 [0.41]	6.6 [0.26]	2.8 [0.11]	M6	10–32	BeCu	8290, 8202, 8702, 8704, 8703, 8705, 8784, 8786, 8762, 8770, 8002K
	8416	6.6 [0.26]	3.2 [0.13]	2.3 [0.09]	10–32	5–40	316 Stainless steel	8763, 8766A250/500/1K0
	8416K01	7.1 [0.28]	3.2 [0.12]	2.5 [0.10]	5–40	M3	303 Stainless steel	–
	8418	7.0 [0.28]	3.8 [0.15]	2.3 [0.09]	M6	5–40	316 Stainless steel	8763, 8766A250/500/1K0
	8421	12.3 [0.48]	7.5 [0.30]	3.3 [0.13]	M8	¼–28	BeCu	8203, 8712, 8080
	8430K03	6.9 [0.27]	3.6 [0.14]	2.3 [0.09]	10–32	6–32	BeCu	8766A50, 8766A050/100
	8451	8.8 [0.34]	5.0 [0.20]	2.8 [0.11]	M5	10–32	BeCu	8688, 8290, 8202, 8702, 8704, 8703, 8705, 8762, 8784, 8786, 8770, 8002K
	8453	9.8 [0.38]	5.1 [0.20]	3.7 [0.15]	M5	¼–28	BeCu	8712

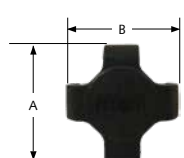
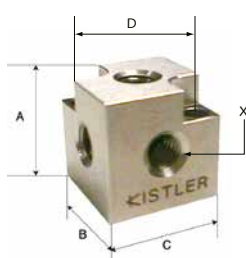
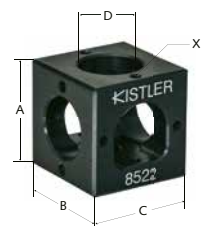
Accessories

Mounting

Stud converters – see data sheet 8400_000-281 for more information

Technical data	Type	A mm [in]	B mm [in]	THD. X	THD. Y	Material	Recommended Sensor Types
	8414	8.9 [0.35]	7.1 [0.28]	¼–28	10–32	17-4 PH Stainless steel	8076K, 8080
	8484	5.5 [0.21]	3.4 [0.13]	10–32	5–40	17-4 PH Stainless steel	
	8486	5.5 [0.21]	3.4 [0.13]	10–32	M3	17-4 PH Stainless steel	
	8412	9.5 [0.37]	–	¼–28	Hex	18-8 Stainless steel	8712, 8076K, 8080
	8420	6.3 [0.25]	–	5–40	Hex	18-8 Stainless steel	8763

Triaxial mounting cubes and adhesive mounting clips – see data sheet 8400_000-281 for more information

Technical data	Type	A mm [in]	B mm [in]	C mm [in]	D mm [in]	THD. X	Weight (grams)	Material	Recommended Sensor Types
Mounting Clips 	800M156	16.3 [0.64]	16.0 [0.63]	–	–	–	–	Polycarbonate	8640
	800M155	20.1 [0.79]	19.8 [0.78]	–	–	–	–	Polycarbonate	8688
Triaxial Mounting Cubes 	8502	25.4 [1.00]	25.4 [1.00]	25.4 [1.00]	25.4 [1.00]	10–32	117	303 Stainless steel	8202, 8702, 8703, 8704, 8705, 8002K
	8504	14.5 [0.57]	14.5 [0.57]	14.5 [0.57]	14.2 [0.56]	10–32	20	303 Stainless steel	8044, 8742, 8743
	8510	14.3 [0.57]	14.3 [0.57]	14.3 [0.57]	14.2 [0.56]	5–40	19	316 Stainless steel	8730
	8514	17.3 [0.68]	17.3 [0.68]	17.3 [0.68]	18.4 [0.72]	10–32	35	303 Stainless steel	8202, 8702, 8704, 8774
	8524	11.1 [0.44]	11.1 [0.44]	11.1 [0.44]	–	10–32	2.8	Al. hard anodized	8774, 8274 (stud mount)
	8522	27.0 [1.06]	27.0 [1.06]	27.0 [1.06]	15.1 [0.59]	4–40	28	Al. hard anodized	8316

Accessories

Mounting


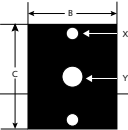
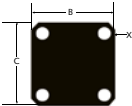
Isolated mounting pads – see data sheet 8400_000-281 for more information

Technical data	Type	A mm [in]	B mm [in]	C mm [in]	D mm [in]	THD. X	THD. Y	Material	Recommended Sensor Types
	8434	4.8 [0.19]	2.4 [0.49]	11.1 [0.44]	–	5–40	–	Al. hard anodized	8730, 8763
	8436	4.8 [0.19]	15.7 [0.62]	14.2 [0.56]	–	10–32	–	Al. hard anodized	8202, 8203, 8274, 8702, 8703, 8704, 8705, 8774, 8784, 8786, 8766
	8438	7.9 [0.31]	21.0 [0.83]	19.1 [0.75]	–	¼–28	–	Al. hard anodized	8076K
	8442	9.5 [0.37]	18.3 [0.72]	–	–	¼–28	–	Al. hard anodized	–
	8436M02	3.0 [0.12]	9.0 [0.35]	8.0 [0.31]	–	5-40	–	Al. hard anodized	8730
	8462K01	4.8 [0.19]	20.5 [0.81]	19.0 [0.75]	–	4-40	–	Al. hard anodized	8764, 8765, 8715
	8462K02	4.8 [0.19]	20.5 [0.81]	19.0 [0.75]	–	M2.5	–	Al. hard anodized	8764, 8765, 8715
	800M157	2.5 [0.10]	–	6.4 [0.25]	11.1 [0.44]	10–32	–	Al. hard anodized	8688
	800M158	2.5 [0.10]	–	5.1 [0.20]	9.4 [0.37]	5–40	–	Al. hard anodized	8640
	8440K01	5.2 [0.20]	–	8.0 [0.31]	12.7 Hex [0.50]	5–40	–	Al. hard anodized	8763A, 8766A250/ 500/1K0
	8440K02	5.7 [0.22]	–	9.0 [0.35]	19.1 Hex [0.75]	6-32	–	Al. hard anodized	8766A50
	8440K03	5.0 [0.19]	–	8.3 [0.32]	14.3 Hex [0.56]	10–32	–	Al. hard anodized	8702, 8703, 8704, 8705
	8440K04	5.0 [0.19]	–	8.3 [0.32]	14.3 Hex [0.56]	6–32	–	Al. hard anodized	8766A050/100
	8466K01	6.4 [0.25]	–	10.2 [0.40]	22.2 Hex [0.87]	10–32	–	Al. hard anodized	8396
	8400K01	3.4 [0.13]	–	11.6 [0.46]	12.7 Hex [0.50]	10–32	10–32	Al. hard anodized	8702, 8703, 8704, 8705, 8784, 8786
	8400K02	6.0 [0.24]	–	12.4 [0.49]	19.1 Hex [0.75]	10-32	6-32	Al. hard anodized	8766A50
	8400K03	5.5 [0.22]	–	12.8 [0.50]	19.1 Hex [0.75]	10–32	M6	Al. hard anodized	8688, 8702, 8703, 8704, 8705, 8784, 8786
	8400K04	5.2 [0.20]	–	12.3 [0.48]	12.7 Hex [0.50]	5–40	M6	Al. hard anodized	8766A250/500/1K0, 8763
	8400K05	5.9 [0.23]	–	13.3 [0.52]	19.1 Hex [0.75]	6-32	M6	Al. hard anodized	8766A50
	8400K06	5.3 [0.21]	–	11.4 [0.45]	12.7 Hex [0.50]	10–32	5–40	Al. hard anodized	8766A250/500/1K0, 8763
	8400K07	5.1 [0.20]	–	13.2 [0.52]	22.2 Hex [0.87]	10–32	10–32	Al. hard anodized	8762

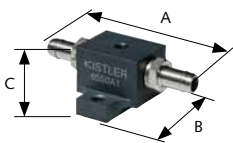
Accessories

Mounting

Isolated mounting pads – see data sheet 8400_000-281 for more information

Technical data	Type	A mm [in]	B mm [in]	C mm [in]	D mm [in]	THD. X	THD. Y	Material	Recommended Sensor Types
	8466K02	6.4 [0.25]	–	10.2 [0.40]	22.2 Hex [0.87]	10–32	10–32	Al. hard anodized	8396
	8466K06	6.4 [0.25]	–	10.2 [0.40]	9.53 Hex [0.37]	10–32	10–32	Al. hard anodized	8742, 8743
	8466K07	5.1 [0.20]	–	7.6 [0.30]	8.89 Hex [0.35]	5–40	5–40	Al. hard anodized	8730
	8464K01	7.6 [0.30]	21.6 [0.85]	25.4 [1.0]	–	4–40	–	Al. hard anodized	8316
	8464K02	7.6 [0.30]	21.6 [0.85]	25.4 [1.0]	–	4–40	10–32	Al. hard anodized	8316
	800M144	4.8 [0.19]	15.9 [0.63]	15.9 [0.63]	–	4–40	–	Al. hard anodized	8793, 8794 (adhesive mount)
	800M154	4.8 [0.19]	15.9 [0.63]	15.9 [0.63]	–	hole	–	Al. hard anodized	8793, 8794 screw mount 4 x 8446AE4 or 4 x 8446AM4 isolated screw kits to be ordered separately

Water cooled mounting adapter - see data sheet 8550_003-249e

Technical data	Type	A mm [in]	B mm [in]	C mm [in]	Weight with fittings	Max base temperature
	8550A1	59.7 [2.35]	37.3 [1.47]	21.1 [0.83]	36 grams	580°C [1 100°F]