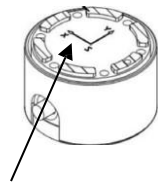


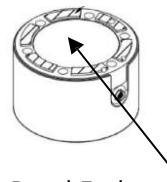
INSTALLATION INFORMATION 6A SERIES MULTI-AXIS LOAD CELLS

1. Interface model 6A Series multi-axis load cells must be mounted on a surface that is flat and rigid enough so as to not deform appreciably under load.
2. Fasteners should be Grade 8.8 or better.
3. Sensors should be mounted using the recommended screws and mounting torques in the table below.
4. Dowel pins should be used at all mounting surfaces.
5. For sensors 500Nm and above, a thin coating of Loctite 638 or similar is recommended on the mounting surfaces to prevent slippage. This is also recommended for Model 6A68 10kN/500Nm.
6. Mounting fixtures and plates may only contact the sensor at the raised mounting surfaces or supplied adapter (Model 6A68).

MOUNTING DETAILS								
Model	Capacity (N)	Material	Live End			Dead End		
			Threads	Screw Torque – DRY (Nm)	Dowel Pin Holes (mm)	Recommended Mounting Screws	Screw Torque – DRY (Nm)	Dowel Pin Holes (mm)
6A27	All Capacities	Aluminum	M2 x 0.4 SHCS 6 Places 4 mm Deep	2	2 H7 1 Place 4 mm Deep	M2 x 0.4 SHCS 6 Places 4 mm Deep	2	2 H7 1 Place 4 mm Deep
6A40	All Capacities	Stainless Steel	M5 x 0.8 6 Places 6 mm Deep	6	3 H7 1 Place 7 mm Deep	M5 x 0.8 6 Places 6 mm Deep	6	3 H7 1 Place 7 mm Deep
6A68	All Capacities	Stainless Steel	M10 x 1.5 6 Places 12 mm Deep	50	6 H7 2 places 12 mm Deep	M10 x 1.5 6 Places 12 mm Deep	50	6 H7 2 places 12 mm Deep
6A154	All Capacities	Stainless Steel	M6 x 1 6 Places 8 mm Deep	10.5	6 E7 8 mm Deep 1 Place	M6 x 1 6 Places 8 mm Deep	10.5	6 E7 8 mm Deep 1 Place
6A175	All Capacities	Stainless Steel	M16 x 2 6 Places 22 mm Deep	210	10 E7 1 Place 25 mm Deep	M16 x 2 6 Places 22 mm Deep	210	10 E7 1 Place 25 mm Deep



Live End
mounting surface



Dead End
mounting surfaces

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