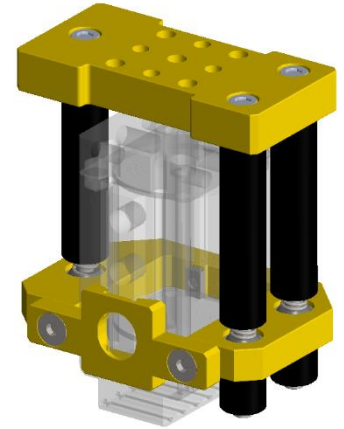


D85 COMPLIANCE DEVICE FIXED-POST | P/N: 88001509

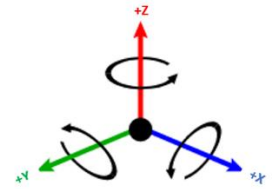
Summary

The D85 Compliance Device Fixed-Post is an accessory to the D85 (sold separately). The compliance device simplifies setup for the D85 by compensating for part variation and can be used for flat and near flat contact, NOT for extreme deviation (round parts). Consider units with customizable pole geometries in these scenarios instead. Angular compliance is allowed on the X and Y axes as well as vertical compression and rotation about the Z axis. The additional flexibility also improves handling of sagging sheets ensuring the maximum performance in each application. It also imparts a dampening effect against accelerations.



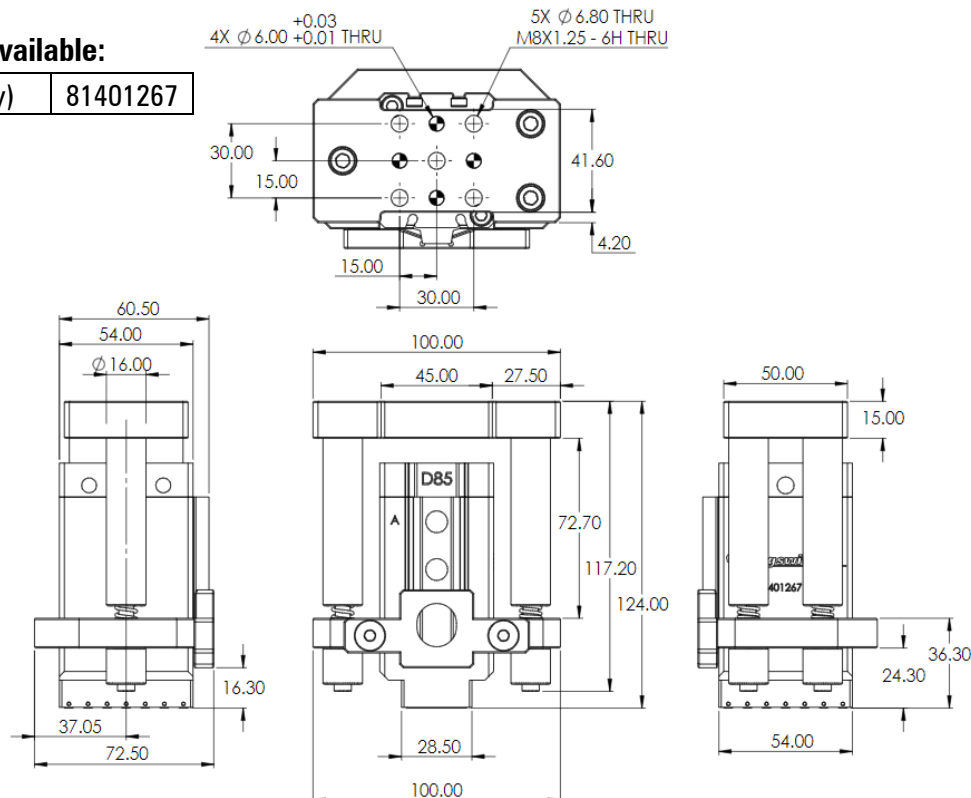
Specifications

Net Weight (Compliance Device Only)	1.0 lb	0.45 kg
Pitch Forward/Backward (X-axis)	+/-9°	
Roll Left/Right (Y-axis)	+/-5°	
Yaw Clockwise/Counterclockwise (Z-axis)	+/- 0.08° (negligible when using multiple tools)	
Z-axis Compression/Extension	+/-5mm	
X-axis or Y-axis Compression/Extension	Negligible Movement	
Dimensions (Compliance Device Only)	100mm x 72.5mm x 117.2mm	



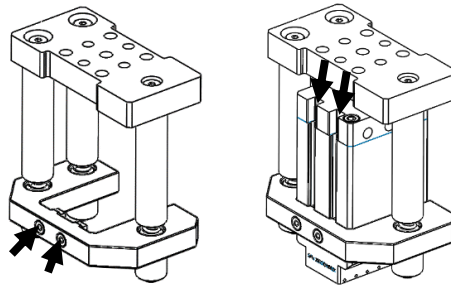
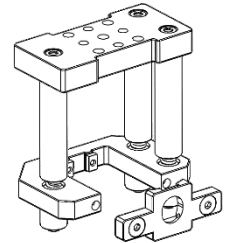
Compatible Tool Available:

D85 (sold separately)	81401267
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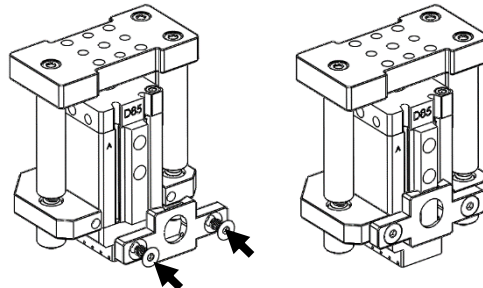


Installation Instructions

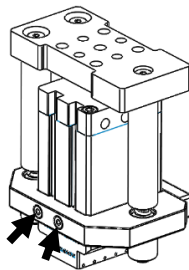
- Actuate the D85 tool to the OFF state.
- Remove the D85 tool from pre-existing mounting surfaces as required to expose top and side surfaces of the tool. Ensure the dowel and fastener holes are clean. Confirm the side surfaces of the tool are flat and smooth.
- Disassemble the front cover of Compliance Device from the main bracket.
- Loosen the two M4 SHCS fasteners. Slide the two threaded inserts and main bracket of Compliance Device through the T-slots on the back of actuator and ensure they are seated all the way down to the bottom of slots. Do not tighten the fasteners for now.



- Install the front cover of Compliance Device. Align the holes on the front cover with the thread holes on the main bracket. The device must be seated flush against the bottom of the actuator air port protrusion. Apply Loctite 222 on the threads of two M6 flat head fasteners. Thread both fasteners through the front cover into the threaded bores on the main bracket. Torque both fasteners to 5Nm.



- Turn the tool to the other side and torque two M4 SHCS fasteners to 1Nm.



- The installation of D85 Compliance Device is complete. There should be no visible gaps between the D85 tool and brackets of the Compliance Device.

