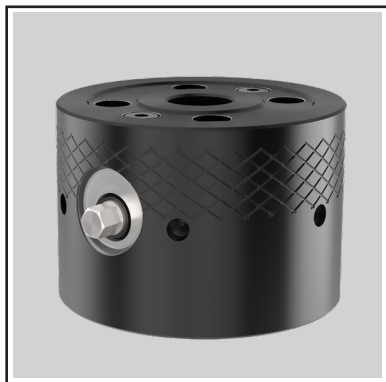


Modular Zero Point System ■ DropZero™

Drop Zero ■ 5 Axis System ■ that locates, clamps and supports a workpiece
Manual Operation ■ Max. Retention Force ■ 2700 lbs



- Reduces setup time and fixturing costs
- Modular design works with all of CLM's 1/2" and 5/8" modular tooling.
- Can also be used with non-modular tooling
- Elevates workpiece for machine spindle clearance
- Access to all 5 sides of the part
- Stackable for added clearance

With a few turns of a wrench, new Drop Zero Modular Zero Point System quickly unloads and loads new parts in one setup, all while having access to all five sides of the workpiece. Pull studs (round, diamond, and floating) are mounted directly to a part, and clamp modules can be mounted to any fixture plate and can be stacked for added height. DropZero gives you better part quality due to a completely machined part in one setup, reduced fixturing costs, and simpler tool paths.

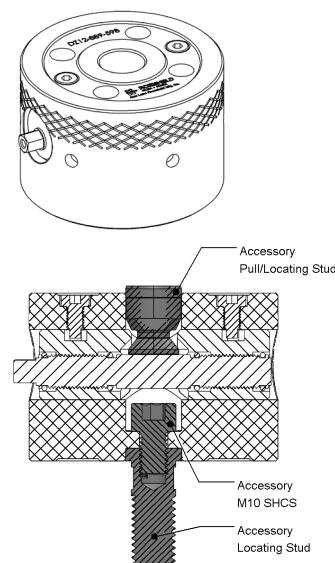
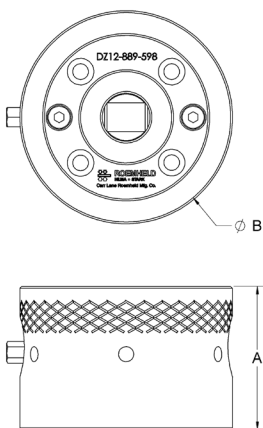
Application Examples



Four Drop Zeros mounted on a Carr Lane Mfg. modular fixturing plate holding an aluminum billet part.



Example of side work for vertical applications.



Operation	Manual
Type	Zero Point Mounting
Retention force (lbs) / Torque (ft-lbs)	2700/45
A (in.)	2.35
Ø B (in.)	3.50
Weight (lbs)	5.64
Part No.,	CLR-DZ12-889-598

Accessories

Part No., housing unit only	CLR-DZ12-889-598-H
Zero point locating stud/screw (1/2-13 UNC-2A)	CLR-DZ12T-500Z
Zero point locating stud/screw (5/8-11 UNC-2A)	CLR-DZ12T-625Z
Socket Head Cap Screw	CLR-M10-1.50X16-SHCS
Clamping spindle	CLR-DZ12M-25
Zero Point pull stud	CLR-DZ12N-20Z
Diamond pull stud	CLR-DZ12N-20D
Floating pull stud	CLR-DZ12N-20F
Floating pull stud without pallet/part locating shoulder	CLR-DZ12N-195
Custom standoff	Available on request
Custom locating bushings	Available on request

Subject to change. For further details, including detailed dimensions and mounting instructions, visit roemheld-usa.com.



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HILMA ■ STARK

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