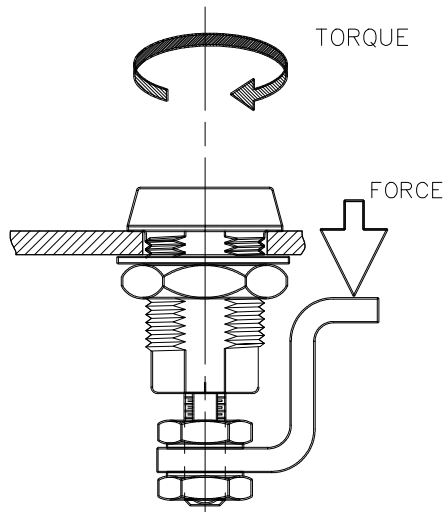




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SOUTHCO PERFORMANCE GUIDELINES
THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. IT IS RECOMMENDED THAT THE USER REQUEST A PRODUCT SAMPLE FOR TESTING TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE PURPOSE INTENDED AND USER'S PARTICULAR APPLICATION.



PART NO.	THREAD TYPE
E3-55-X2	METRIC
E3-56-X2	METRIC
E3-57-X2	METRIC
E3-59-X2	METRIC

COMPRESSIVE STRENGTH - Suggested WORKING FORCE①: 356 N / 80 LBS

Average ULTIMATE FORCE②: 778 N / 175 LBS

OPERATION TORQUE LIMITS - To develop a compressive force on the pawl of 330 N/75 lbs, an operating torque of 3.2 N-m/ 28.8 in.-lbs was required to lock the fastener.③

RECOMMENDED TIGHTENING TORQUE - MOUNTING NUT: 13 N-m (115 in-lbf)
PAWL MOUNTING NUT: 5 N-m (44 in-lbf)

SALT SPRAY EXPOSURE:
- ACHIEVED 500 HOURS PER "ASTM B117-94" FOR EXTERNAL SURFACES ON APPLICATION AND 230 HOURS FOR INTERNAL COMPONENTS INSIDE APPLICATION.
- SOME SURFACE DISCOLORATION MAY OCCUR WITHOUT LOSS OF PRIMARY FUNCTION.

- ① WORKING FORCE is the maximum force that the product will withstand without affecting the operation or appearance of the product.
- ② Average ULTIMATE FORCE causes failure of the product or sufficient deformation to make the product inoperable.
- ③ Overloading the fastener beyond these conditions is not recommended.