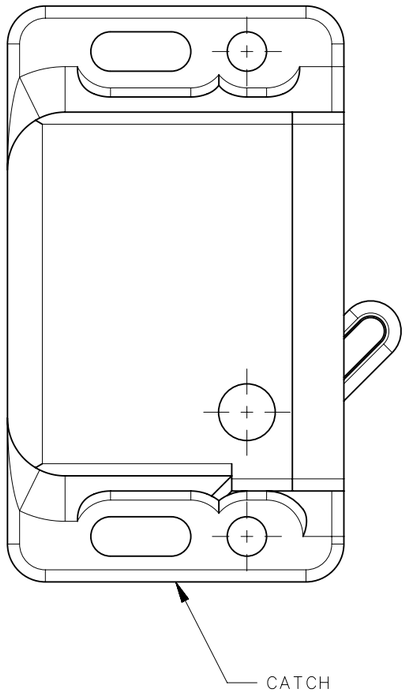
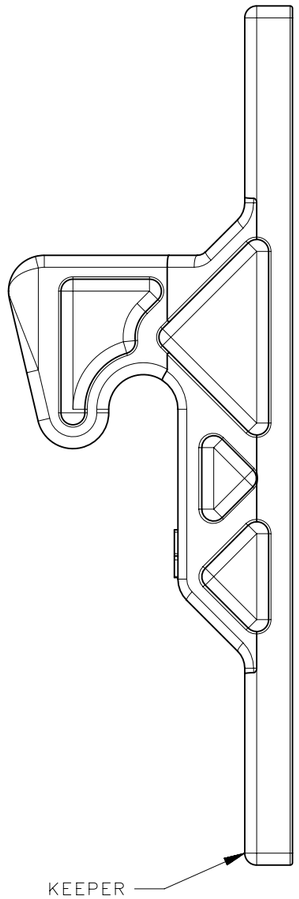
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
E	10MAR2024	HPT/GJL	PRN: P2025-0344





HOLDING FORCE - THE FORCE EXERTED BY THE CATCH ASSEMBLY TO HOLD THE DOOR CLOSE.

CLOSING FORCE - THE FORCE REQUIRED TO FULLY ENGAGE THE KEEPER IN THE CATCH ASSEMBLY.

ASSEMBLY PART NUMBER	CATCH PART NUMBER	KEEPER PART NUMBER	HOLDING FORCE	CLOSING FORCE	CYCLE LIFE
C3-803	C3-12-03	C3-77	22 N (4.95 LBF)	20 N (4.50 LBF)	18,000
C3-805	C3-12-05	C3-77	25 N (5.64 LBF)	24 N (5.40 LBF)	18,000
C3-810	C3-12-10	C3-77	41 N (9.32 LBF)	50 N (11.34 LBF)	18,000

THE TESTED CYCLE LIFE OF THE C3-8XX DOOR CATCH AND KEEPER IS IN EXCESS OF 18,000 CYCLES. ADJUSTMENT OF KEEPER POSITION MAY BE REQUIRED TO MAINTAIN OPERATION OF THE PAWL RETAINING FEATURE.

TABULATED RESULTS WERE MEASURED PRIOR TO CYCLE TESTING THE CATCH AND KEEPER.

SOUTHCO PERFORMANCE GUIDELINES:
THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDELINE 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 THE 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.

REF: trC3-2184730, trC3-2198826, trC3-2202454

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THIRD ANGLE PROJECTION

MILLIMETERS [IN]

TOLERANCES UNLESS OTHERWISE NOTED

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

PER ASME Y14.5M-2009

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DESCRIPTION: No C3 DOOR CATCH TEST DATA HEAVY DUTY KEEPER

SIZE	SYSTEM	DWG NO.
B	NX	TD-C3-04-J

DRAWN BY	DATE	SCALE	SHEET
MJH	09DEC2024	1:1	1 OF 1