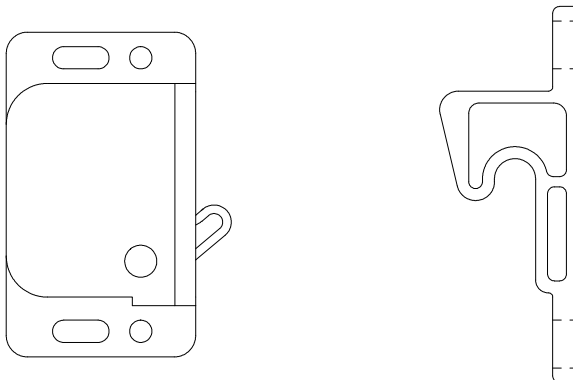


SOUTHCO PERFORMANCE GUIDELINES
 THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE PRODUCT INOPERABLE. NO SAFETY 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.



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

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

PART NUMBER	HOLDING FORCE NEWTONS			CLOSING FORCE NEWTONS		
	\bar{x}	SIGMA	3 SIGMA RANGE	\bar{x}	SIGMA	3 SIGMA RANGE
C3-303 C3-503 C3-703	20.0	0.5	18.5-21.5	26.1	2.5	18.6-33.6
C3-305 C3-505 C3-705	27.2	1.8	21.8-32.6	30.3	5.9	12.6-48.0
C3-310 C3-510 C3-710	51.2	1.7	46.1-56.3	54.6	3.9	42.9-66.3

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

MAXIMUM RECOMMENDED TIGHTENING TORQUE FOR ALL MOUNTING HARDWARE IS 2.8 NEWTON METERS.

REV A	DATE 09APR2002	DRAWN/CHKD GDM	DESCRIPTION UPDATE FORMAT	N o C3 DOOR CATCH SNAP-IN	TEST DATA	DATE 26MAY94	DRAWN MMMA/CZ	CHKD MMMA/CZ	SCALE NTS	DRAWING NUMBER TD-C3-03-J
	THIRD ANGLE PROJECTION									
A PAPER SIZE										

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