

**southco**

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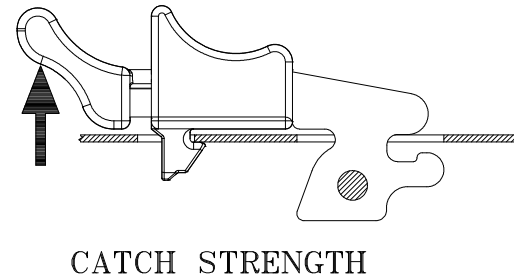
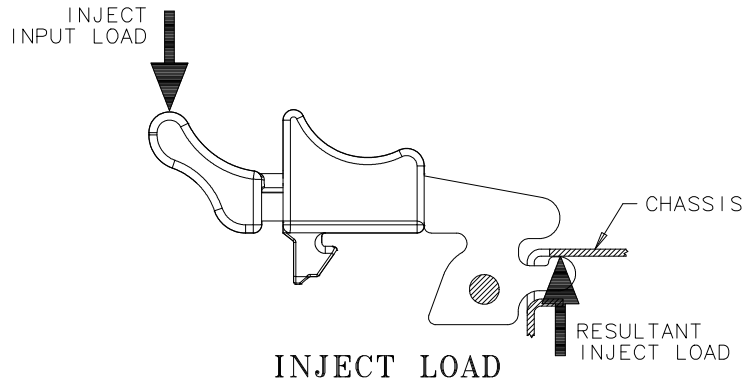
P7 EJECTOR

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
29APR2005	PWM	RES	1:1	TD-P7-A-503-J

REV	DATE	DRAWN/CHKD	DESCRIPTION
A	02JUL2013	CMS/JCG	PRN: P2013-1366

THIRD ANGLE PROJECTION  A4 PAPER SIZE

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 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.



PART NUMBER	MAXIMUM WORKING INJECT LOAD <sup>(A)</sup>	AVERAGE ULTIMATE CATCH STRENGTH <sup>(B)</sup>	CYCLE LIFE <sup>(C)</sup>
P7-A-503-11	120 N (27 LBS)	83 N (18.6 LBS)	250 CYCLES

- (A) INJECT INPUT LOAD OF 120N RESULTS IN 0.46mm PERMANENT DEFORMATION OF EJECTOR. EJECTOR STILL FUNCTIONS. RESULTANT INJECT LOAD IS 534N.
- (B) FAILURE MODE IS FRACTURE OF CATCH HOOK.
- (C) CYCLED IN ATCA CHASSIS WITH ZONE 1 & 2 CONNECTORS FULLY POPULATED. INPUT INJECT LOAD 45N PER EJECTOR, RESULTANT INJECT LOAD 250N.