١	<u>K</u>	TD-N7-1-J	A PAPER SIZE			
	DRAWING NUMBER			 	THIRD ANGLE PROJECTION	
	DRAWN CHKD SCALE	DAZ				
	DATE	05JUL95				
		NO. N/ CAPII/E NOI AUSEMBRIES				
	Southco, and the except for uses expressly granted in writing information blistoused Hereon is contidental and all gelists and all grifts patent and all grifts are reserved by southco, inc.		REV DATE DRAWN/CHKD DESCRIPTION	A 09APR2002 GDM UPDATE FORMAT		

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.



ASSEMBLY PART NUMBER	SCREW SIZE	INSTALLATION LOAD N (LBS)	PUSH-OUT LOAD N (LBS)	ULTIMATE (2) TIGHTENING TORQUE N-cm (in-lbs)	ULTIMATE TENSILE LOAD N (LBS)
N7-12-XY	M3 4-40	8900 (2000)	400 (90) (5)	73.4 (6.5)	1543 (347)
N7-62-XY	6-32	8200 (1850)	440 (100)	107.1 (9.5)	3013 (677)
N7-22-XY	M4 8-32	12400 (2800)	600 (135)	206.9 (18.3)	3501 (787)
N7-32-XY	M5 10-32	12400 (2800)	490 (110) 4	368.7 (32.6)	4244 (954)
N7-42-XY	M6 1∕4 -20	14000 (3150)	820 (185)	500.7 (44.3)	6905 (1552)

- 1 ASSEMBLIES WERE INSTALLED AND TESTED IN .048" THICK STEEL PANELS, RB-47.
- 2 FAILURE OCCURRED IN THE STRIPPING OF THE KNOB THREADS. ASSEMBLIES WERE TESTED AT MINIMUM THREAD ENGAGEMENT.
- 4 FAILURE OCCURRED IN THE ASSEMBLY PUSHING OUT OF THE PANEL. ASSEMBLIES WERE TESTED AT MINIMUM THREAD ENGAGEMENT.
- 5 FAILURE OCCURRED IN THE KNOB UNCRIMPING FROM THE FERRULE.