

REV	DATE	DRAWN/CHKD	GDM	UPDATE FORMAT	DESCRIPTION
B	09APR2002				
C	20JAN2004	CHW/RLR		PRN:P2004-0069	

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.

No.17 SCREW FASTENER

ULTIMATE TENSION

SCREW ASSEMBLY		RECEPTACLES		
CARBON STEEL	S/S	RIVET TYPE 17-10015-13	RIVET TYPE 17-10015-14	"U" TYPE 17-10027-11
17-XX-XXX-11		5110 N (1150 LBS)	2890 N (650 LBS)	5110 N (1150 LBS)
	17-XX-XXX-12	5110 N (1150 LBS)	2890 N (650 LBS)	5110 N (1150 LBS)

ULTIMATE SHEAR

SCREW ASSEMBLY		RECEPTACLES		
CARBON STEEL	S/S	RIVET TYPE 17-10015-13	RIVET TYPE 17-10015-14	"U" TYPE 17-10027-11
17-XX-XXX-11		5220 N (1170 LBS)	5220 N (1170 LBS)	10200 N (2300 LBS)
	17-XX-XXX-12	12400 N (2800 LBS)	12400 N (2800 LBS)	13300 N (3300 LBS)

ULTIMATE TORQUE

SCREW ASSEMBLY		RECEPTACLES		
CARBON STEEL	S/S	RIVET TYPE 17-10015-13	RIVET TYPE 17-10015-14	"U" TYPE 17-10027-11
17-XX-XXX-11		445 N (100 IN-LBS)	335 N (75 IN-LBS)	445 N (100 IN-LBS)
	17-XX-XXX-12	560 N (125 IN-LBS)	400 N (90 IN-LBS)	550 N (125 IN-LBS)

FIGURES SHOWN UNDER TENSION, SHEAR AND TORQUE ARE LOADS AT WHICH THE FASTENER FAILED.

FASTENER ASSEMBLIES USING A CARBON STEEL RECEPTACLE SHOULD NOT BE TIGHTENED IN EXCESS OF 4 N-m (35 IN-LBS).

FASTENER ASSEMBLIES USING A STAINLESS STEEL RECEPTACLE SHOULD NOT BE TIGHTENED IN EXCESS OF 2.8 N-m (25 IN-LBS).