

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. 12 SCREW FASTENER

SCREW ASSEMBLIES			RECEPTACLES		
CARBON STEEL	STAINLESS STEEL		FLAT TYPE 12-11015-13	FLAT TYPE 12-11015-14	"U" TYPE 12-11027-11
12-XX-XXX-11		ULT. TENSION (N/lbs.)	2220/500	1330/300	1890/425
	12-XX-XXX-12		2220/500	1330/300	1890/425
12-XX-XXX-11		ULT. SHEAR (N/lbs.)	4450/1000	4450/1000	6000/1350
	12-XX-XXX-12		8900/2000	8900/2000	8900/2000
12-XX-XXX-11		ULT. TORQUE (N_m/in-lbs.)	3.4/30	2.8/25	3.4/30
	12-XX-XXX-12		4/35	3.4/30	4/35

FIGURES SHOWN UNDER "ULT. TENSION," "ULT. SHEAR" AND "ULT. TORQUE" ARE LOADS AT WHICH FASTENERS FAILED.

FASTENER ASSEMBLIES USING CARBON STEEL SPEED NUTS SHOULD NOT BE TIGHTENED IN EXCESS OF 2.3 N_m/20 in-lbs.

FASTENER ASSEMBLIES USING STAINLESS STEEL SPEED NUTS SHOULD NOT BE TIGHTENED IN EXCESS OF 1.7 N_m/15 in-lbs.