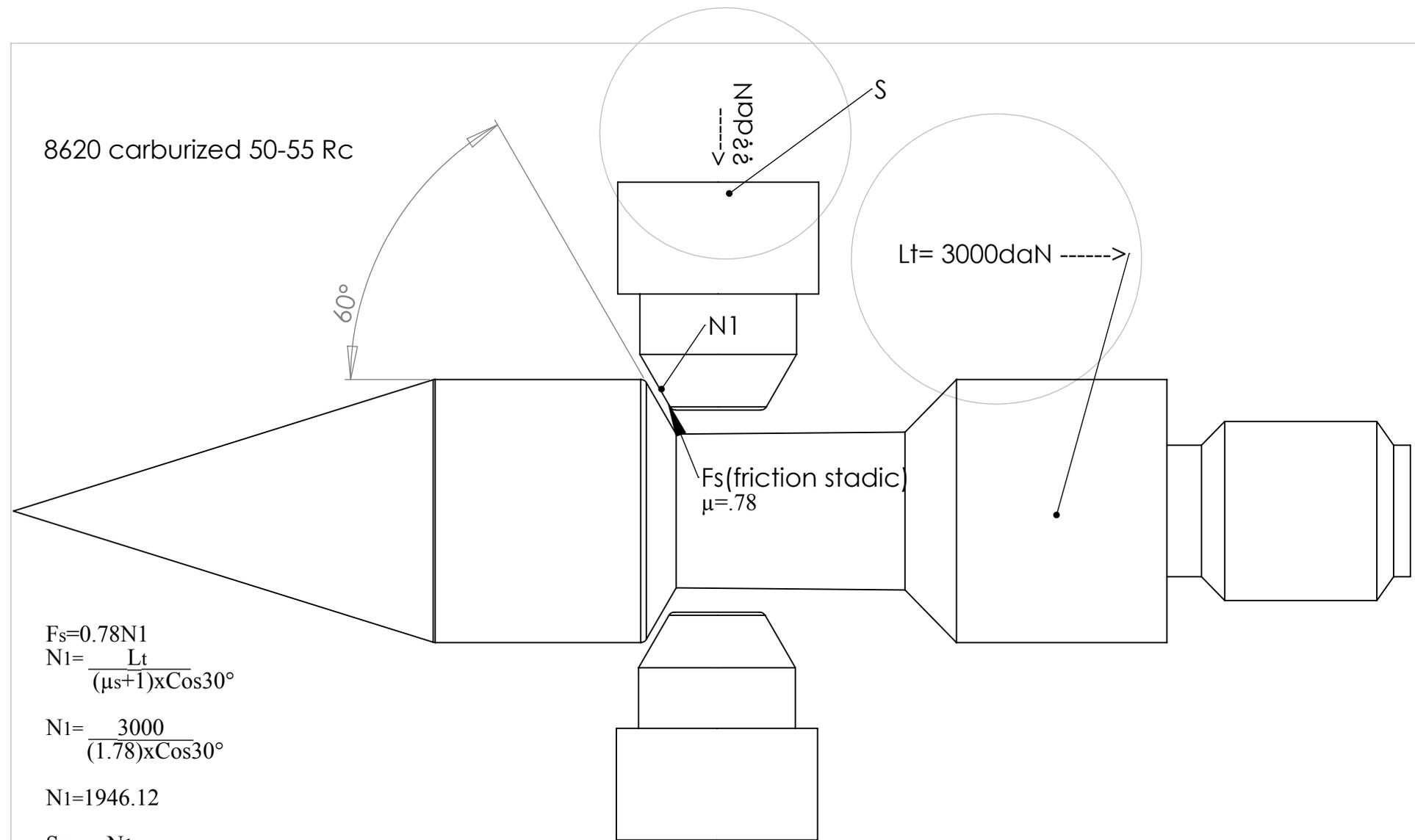


8620 carburized 50-55 Rc



$$F_s = 0.78N_1$$

$$N_1 = \frac{L_t}{(\mu_s + 1) \times \cos 30^\circ}$$

$$N_1 = \frac{3000}{(1.78) \times \cos 30^\circ}$$

$$N_1 = 1946.12$$

$$S = \frac{N_1}{\cos 60^\circ}$$

$$S = 3892.24 \text{ daN}$$

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
		DIMENSIONS ARE IN INCHES	DRAWN	CBogue		TITLE:
		TOLERANCES:	CHECKED			
		FRACTIONAL ±	ENG APPR.			
		ANGULAR: MACH ± BEND ±	MFG APPR.			
		TWO PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. REV A new guess
		THREE PLACE DECIMAL ±	COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:2 WEIGHT: SHEET 1 OF 1
		MATERIAL				
		FINISH				
NEXT ASSY	USED ON					
APPLICATION		DO NOT SCALE DRAWING				