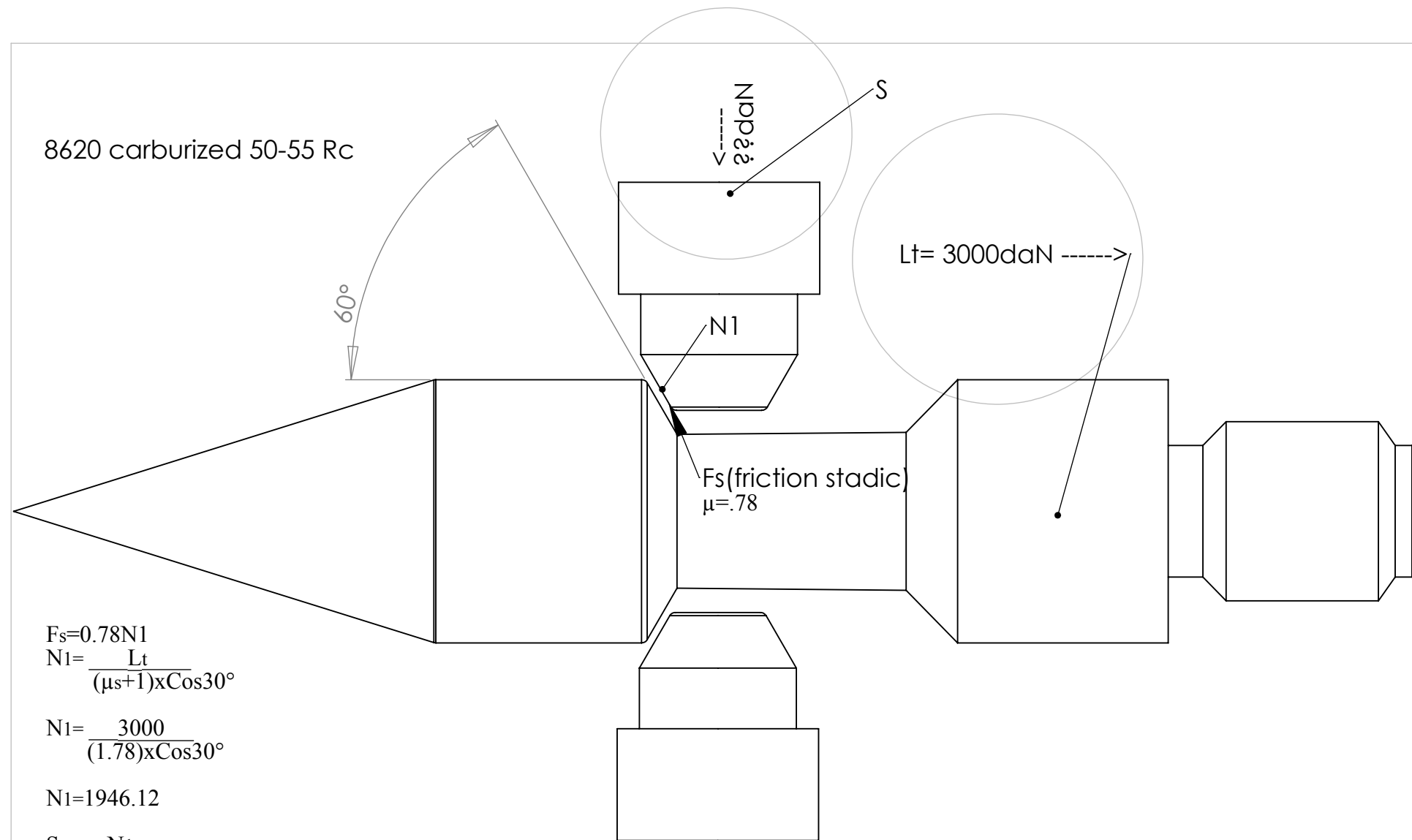


8620 carburized 50-55 Rc



$$F_s = 0.78 N_1$$

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

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

$$N_1 = 1946.12$$

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

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

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