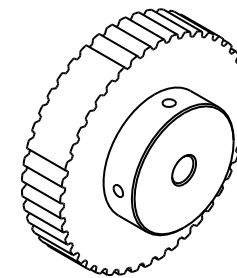



1. Gates groove profile number: H-02000-44-S-0
2. Mark Size: .125
3. Install set screws: 8-32



Technical drawing of a gear with a splined shaft. The left view is a side elevation showing the gear teeth and the splined shaft. The shaft has a diameter of 1 inch and a keyway width of 0.563 inches. The gear has an outside diameter of 2.781 inches. The right view is a top view of the gear, showing the teeth and the central bore. The bore has a diameter of 1.5 inches and is specified as (2) 8-32 UNG 2B TAP THRU TO BORE and #29 DRILL (0.140) THRU TO BORE. The gear has a pitch diameter of 1.3135 inches and a root diameter of 0.3125 inches.

Pulley Data		Tolerances
Number of Grooves:	44	Decimals .X $\pm .015"$.XX $\pm .010"$.XXX $\pm .005"$
Belt Pitch:	1/5"	Fractions $\pm 1/64"$
Tooth Type:	XL	Angles $\pm 1^\circ$ TIR .003 Max
Pitch Diameter:	2.801	
Outside Diameter:	2.781	This document is the property of Gates Corporation. It may not be reproduced in whole or in part or provided to third parties without written authorization from Gates Corporation. All rights are reserved including copyrights.
Surface Finish:	125 Micro	
Flange Size:	N/A	

		Rev	Revision	Date By
Drafted By:	-	 Gates Corporation Denver, Colorado		
Checked By:	-			
Approved By:	-			
This drawing is a stock power transmission component. Details shown which do not affect drive function may be changed without any notification		Gates Part No: PB44XL037		
Material: ALUMINUM		Gates Product No: 7823-0211		
Finish: CLEAR ANODIZE		Drawing Number: 44XL037-6A4		