

Standard Keyway and Setscrew Machining Guide

Dia. of Shaft (in.)	Keyseat Width x Depth (in.)	Dia. of Setscrew (in.)*
5/16-7/16	3/32 x 3/64	#8-32
1/2-9/16	1/8 x 1/16	#10-24
5/8-7/8	3/16 x 3/32	1/4
15/16-1 ¹ / ₄	1/4 x 1/8	5/16
1 ⁵ / ₁₆ -1 ³ / ₈	5/16 x 5/32	5/16
1 ⁷ / ₁₆ -1 ³ / ₄	3/8 x 3/16	3/8
1 ¹³ / ₁₆ -2 ¹ / ₄	1/2 x 1/4	1/2
2 ⁵ / ₁₆ -2 ³ / ₄	5/8 x 5/16	5/8
2 ¹³ / ₁₆ -3 ¹ / ₄	3/4 x 3/8	3/4
3 ⁵ / ₁₆ -3 ³ / ₄	7/8 x 7/16	3/4
3 ¹³ / ₁₆ -4 ¹ / ₂	1 x 1/2	3/4
4 ⁹ / ₁₆ -5 ¹ / ₂	1 ¹ / ₄ x 5/8	3/4
5 ⁹ / ₁₆ -6 ¹ / ₂	1 ¹ / ₂ x 3/4	1
6 ⁹ / ₁₆ -7 ¹ / ₂	1 ³ / ₄ x 7/8	1
7 ⁹ / ₁₆ -8 ¹⁵ / ₁₆	2 x 1	1
9-10 ¹⁵ / ₁₆	2 ¹ / ₂ x 1 ¹ / ₄	1

(*) Setscrew size may vary depending on hub wall thickness. As a general rule, the hub wall over the keyway should be equal to or greater than the diameter of the setscrew.

Note: Maximum bore guidelines should be adhered to in order to ensure maximum product quality standards.