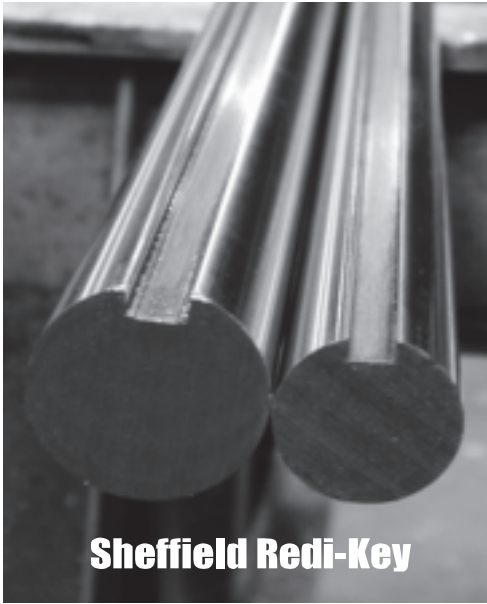


# SHEFFIELD™ REDI-KEY Free Machining, Pre-Keyed Shafting



**Sheffield Redi-Key**

## Typical Physical Properties\*

Hardness.....	260 BHN
Tensile Strength.....	135,000 P.S.I.
Yield Strength.....	113,000 P.S.I.
Machinability.....	85% of carbon steel
*Based on 1/2" Diameter Specimen	

## Available Sizes

Shaft Size	Keyway	Shaft Size	Keyway
1/2"	1/8" x 1/16"	1-7/16"	3/8" x 3/16"
5/8"	3/16" x 3/32"	1-1/2"	3/8" x 3/16"
3/4"	3/16" x 3/32"	1-5/8"	3/8" x 3/16"
7/8"	3/16" x 3/32"	1-15/16"	1/2" x 1/4"
1"	1/4" x 1/8"	2"	1/2" x 1/4"
1-1/8"	1/4" x 1/8"	2-3/16"	1/2" x 1/4"
1-3/16"	1/4" x 1/8"	2-7/16"	5/8" x 5/16"
1-1/4"	1/4" x 1/8"	2-15/16"	3/4" x 3/8"
1-3/8"	5/16" x 5/32"		

## Stock Lengths

10 / 12 Ft Random Lengths  
Custom Cut Lengths

## Benefits of Sheffield Redi-Key

Specify [Sheffield Redi-Key](#) and avoid the costly delays that result from milling your own keyways and then having to straighten the shafts.

All keyways are accurately cut to ensure proper fit to our mating keystock. Avoid problems of twist, bow, and distortion, specify [Sheffield Redi-Key](#).

Do not be misguided. "Cold Roll" is not considered high strength steel. "Cold Roll" is simply carbon steel, such as 1018 or 1045. Do not rely on carbon steel when torque, fatigue and toughness are of concern. The number one cause of shaft failure is fatigue.

[Sheffield Redi-Key](#) exhibits twice the tensile and yield strength of 1018 carbon steel.

[Sheffield Redi-Key](#) is furnished with a bright finish of 15 RMS (typical).

[Sheffield Redi-Key](#) is readily available for immediate shipment. We will cut bars in half to facilitate shipping, at no additional charge.

[Sheffield Redi-Key](#) may also be purchased to accommodate *metric* keyways. Simply inform our sales staff of the proper height and width in metrics, and we will furnish it to your exact requirements. This product is also available in stainless steel.

***Boxing recommended.***

[Sheffield Redi-Key](#) is not recommended where welding is required.

**Past Protected Trade Name Of Pyramid Steel Company – Silvakey™**