

Mirraloy™ FM Pre-Keyed

Free Machining, Full Length Keyed Shaft

Mirraloy FM Pre-Keyed is designed to provide a high degree of accuracy while also exhibiting high strength, ease of machining, and long-term wear life. Most other pre-keyed shafts are typically “Cold Roll” which generally is mild steel.

Mirraloy FM Pre-Keyed offers superior strength and toughness in service due to its micro alloyed chemistry. The following tests: mechanical, roto bar, warpage and machinability, are performed at the manufacturing level, prior to keying the shaft, to ensure proper product performance in the field.

Mirraloy FM Pre-Keyed exhibits up to 50% more tensile strength than 1018 carbon steel and up to 25% more tensile strength than 1045.

Typical Physical Properties*

Brinell Hardness	260 BHN
Tensile Strength	133,000 P.S.I.
Yield Strength	110,000 P.S.I.
Elongation	8% Min.
Reduction of Area	25% Min.
Surface Finish.....	RMS 15 (approx.)

*Based on ½” Diameter Test Specimen

Available Stock Lengths

Custom Lengths (call for details)
10 Ft to 12 Ft Random Lengths

Key Advantages

- High Strength
- Ease of Machining
- TG&P Finish
- Ready For Immediate Use



Value-Added Services

Also available as metric shafting and stainless steel shafting, please call for details.

(Past Protected Trade Name of Ludlow Steel Company – Centra-Key™)

Sizes Available

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

Not recommended for service where welding or additional thermal treatment will be required.