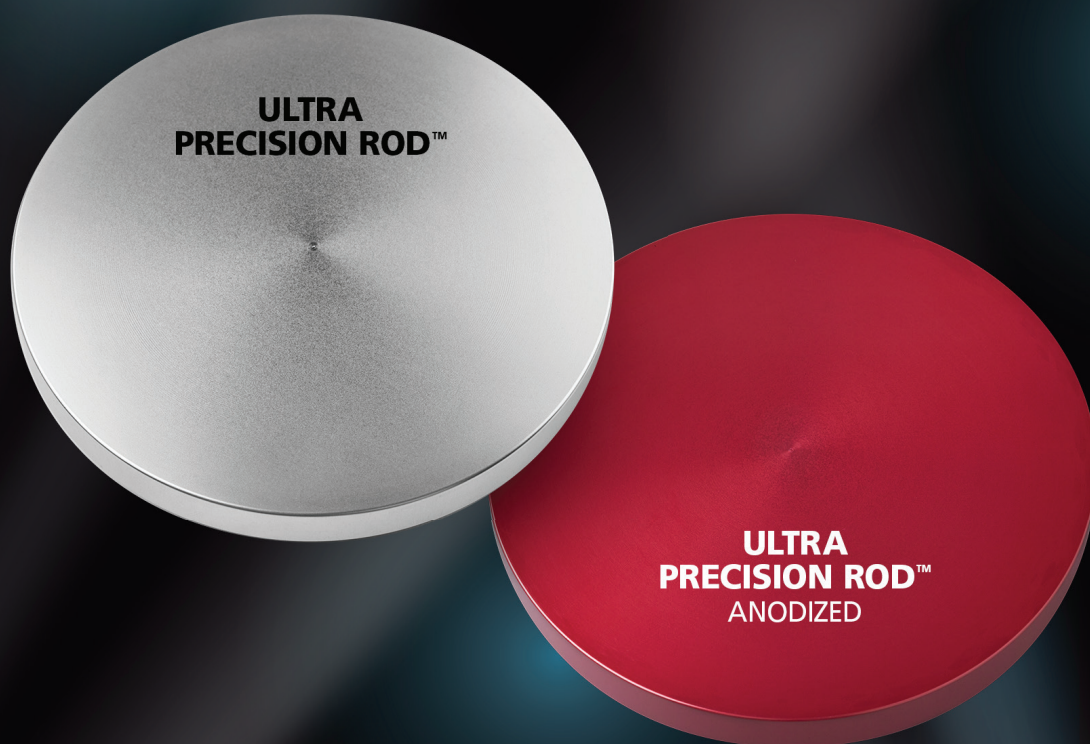


KaiserSelect® ULTRA PRECISION ROD™



THE BEST CHOICE FOR DIFFICULT-TO-MACHINE PARTS

KaiserSelect® Ultra Precision Rod™ — Because the consistency matters.

6061-T6511U **KaiserSelect® Ultra Precision Rod™** is designed with a uniform grain structure throughout the product — resulting in superior machining performance for highly demanding applications. The improved machined surface finish — plus excellent anodize response — also provides superior aesthetics over existing rod products. In head-to-head trials, **Ultra Precision Rod™** produced surface finishes up to 50% smoother than the competition.*

Enhanced mechanical properties make Ultra Precision Rod™ even faster.

Ultra Precision Rod™ allows machinists to take advantage of the latest generation machining technology for improved productivity — via increased feeds and speeds of up to 20% (based on real-world machining trials).*

Five reasons to consider Ultra Precision Rod™ for your difficult-to-machine parts:

- Superior grain consistency
- Increased feeds and speeds
- Smaller chip formation
- Improved machined surface finish
- Excellent anodize response

KAISER
ALUMINUM

kaiseraluminum.com

*Each application and process is unique. Results obtained in Kaiser's trials may not be duplicated in all situations.

6061-T6511U **ULTRA PRECISION ROD™**

Improved Mechanical Properties

	YIELD	ULTIMATE	ELONGATION
AA 6061-T6511	35 KSI	38 KSI	10% min
KaiserSelect® Precision Rod™ 6061-T6511B	43 KSI	48 KSI	10% min
KaiserSelect® Ultra Precision Rod™ 6061-T6511U	43 KSI	48 KSI	10% min

Up to 50% Smoother Machined Surface

In head-to-head trials, **KaiserSelect® Ultra Precision Rod™** produced machined surface finishes up to 50% smoother than the competitors' material.

TRIAL RESULTS**	COMPETITOR	ULTRA
Machined Finish (Ra µm)	0.54	0.26

**Same part, machined head-to-head, at the same feeds and speeds, using the identical machine setup.

ORDER NOW!

Available as a mill item from Kaiser Aluminum, ordered as:

KaiserSelect®
Ultra Precision Rod™
6061-T6511U

Contact your inside sales representative for details on how to order, or to arrange for our application engineers to support you with this product.

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800-537-1881

