

KaiserSelect® AEROSPACE PLATE



ENHANCED CHARACTERISTICS

- Lower Residual Stress
- Superior Machining Performance
- Exceptional Flatness
- Extremely Tight Tolerances
- Lot-to-Lot Consistency
- Through Thickness Grain Consistency

- **Kaiser**Select® allows complex machining with high metal removal rates and less part repositioning.
- Minimal movement during the machining process requires a low level of residual stress in the original plate.
- Repeatable reduced movement, combined with improved flatness, allows you to purchase thinner plate with subsequent cost savings and reduced machining operations.



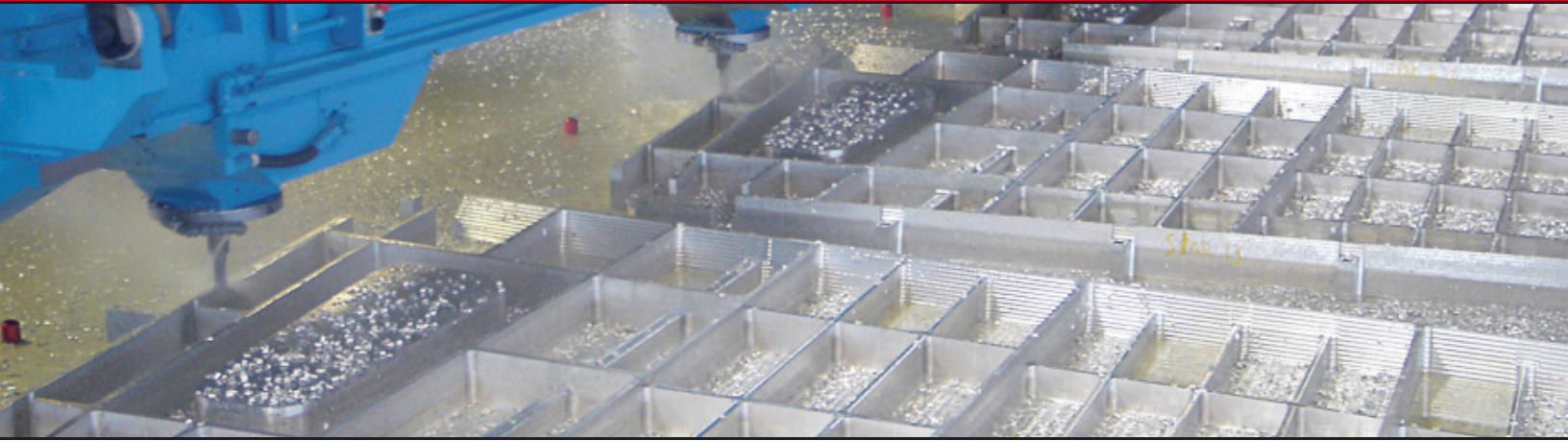
Alloy	Tempers	Min. Gauge	Max. Gauge
7050	T7451, T7651	1.00" / 25mm	8.00" / 203mm
7075	T7351	1.00" / 25mm	6.00" / 153mm
7475	T7351	1.00" / 25mm	4.00" / 100mm
7175	T7351	1.00" / 25mm	4.00" / 100mm

KAISER
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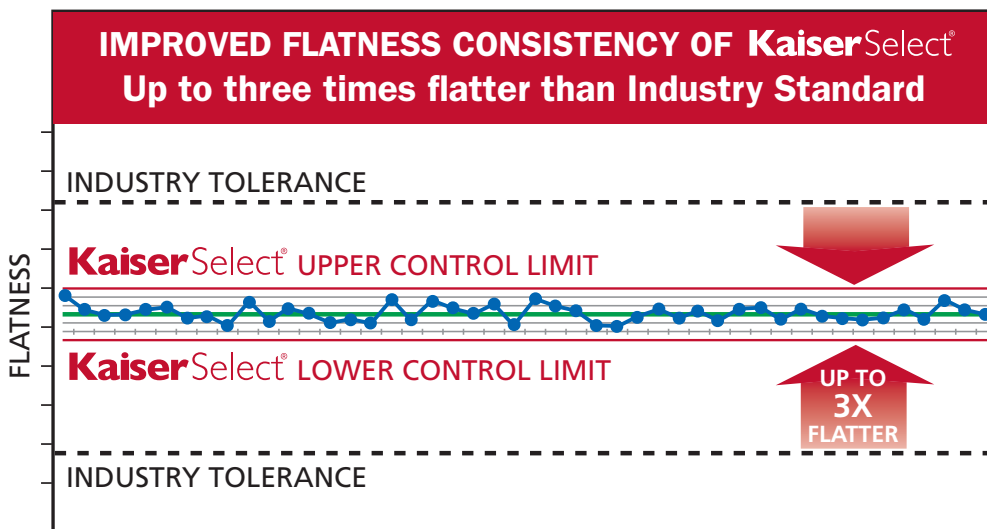
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800-873-2011 • 731-423-2811

KaiserSelect® AEROSPACE PLATE PERFORMANCE DATA



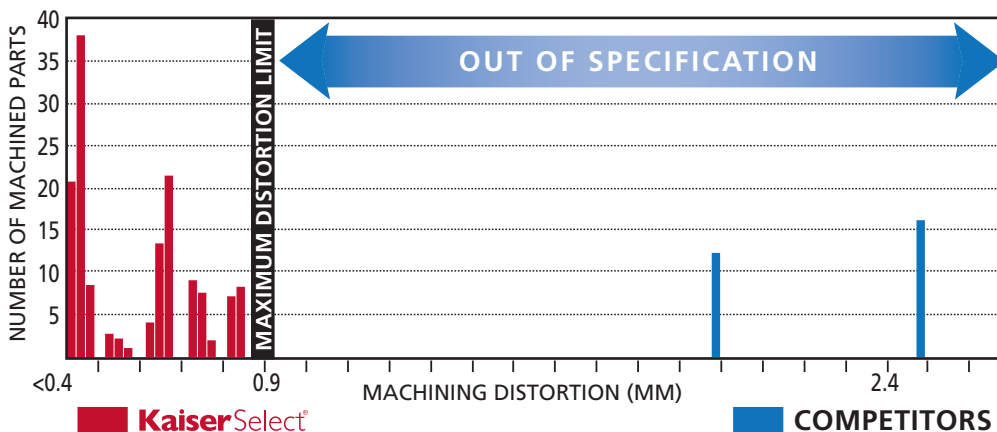
The performance of **KaiserSelect®** aerospace plate has been evaluated through stringent internal testing and benchmarking as well as structured customer trials and feedback.



- Exceptional flatness
- Less overall tooling and fixtures required
- Less waste
- Less purchased materials
- Predictable set-up

THIRD-PARTY RESIDUAL STRESS TEST ON KaiserSelect®

100% of the **KaiserSelect®** plate supplied was below the customer distortion limit. Customers experienced no rework with complex and challenging parts.



Lower residual stress provides:

- Improved ability to machine complex parts
- Reduction/elimination of rework
- Consistent mechanical property performance
- Uniform grain structure
- Faster overall machining time