KaiserSelect AEROSPACE PLATE



ENHANCED CHARACTERISTICS

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



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KaiserSelect AEROSPACE PLATE PERFORMANCE DATA



The performance of **Kaiser**Select 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 Kaiser Select

100% of the **Kaiser**Select 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