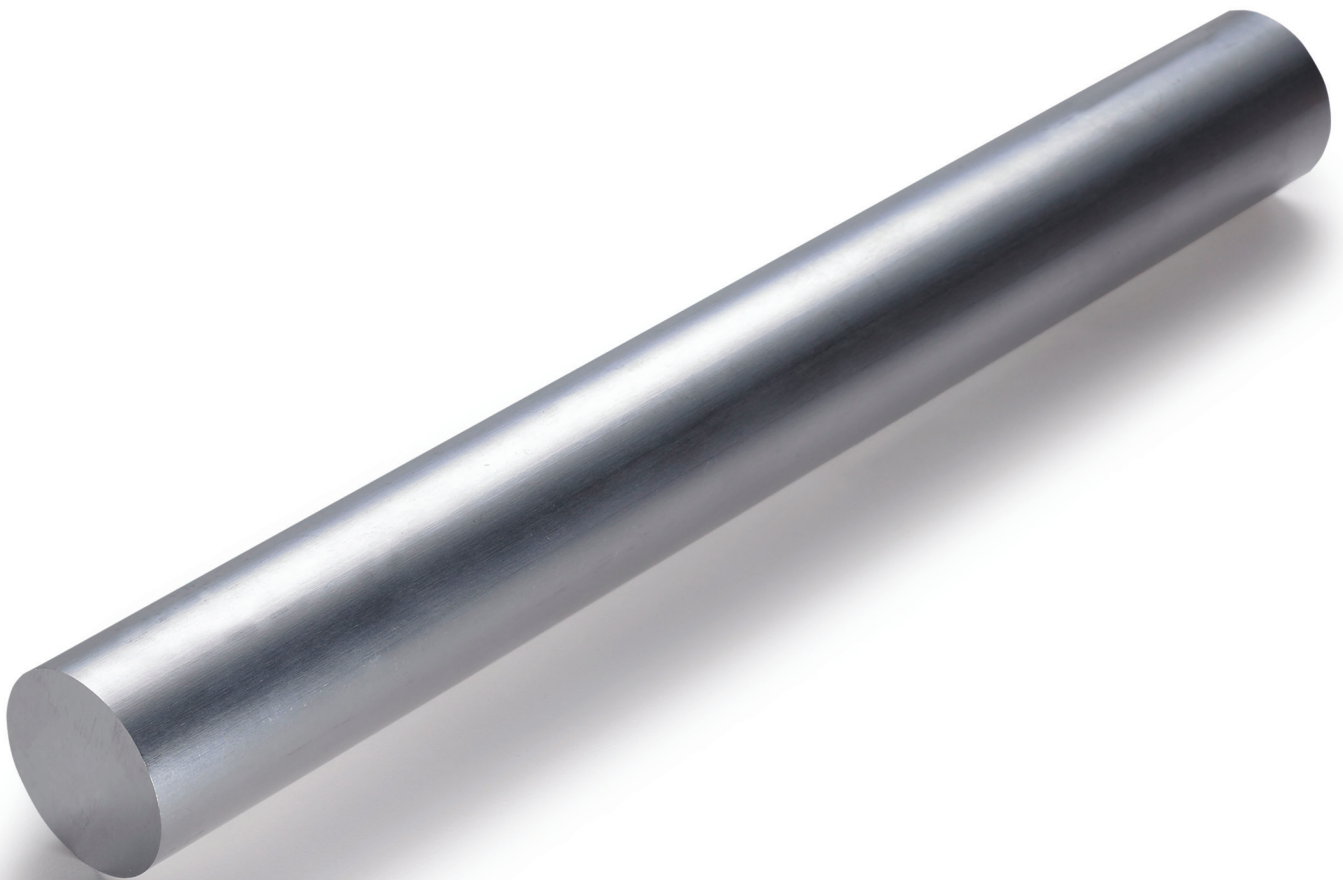


KaiserSelect[®]

P R E C I S I O N R O D



KAISER
ALUMINUM



KaiserSelect[®] PRECISION ROD

KaiserSelect[®] Precision Rod is a superior product, highly engineered with specific performance attributes for enhanced machining performance.

KaiserSelect[®] Precision Rod Delivers:

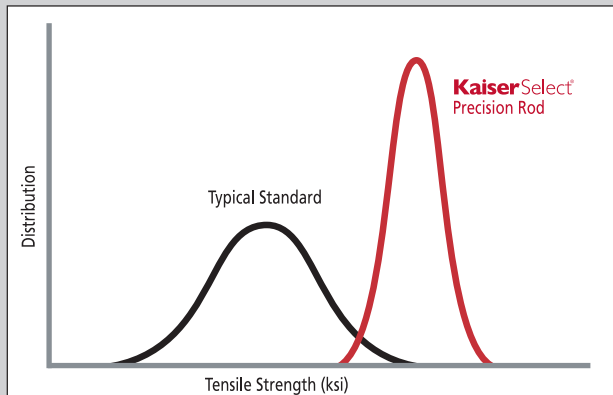
- Superior Machining Performance
- Tight Tolerances
- Exceptional Straightness
- Improved Surface Finish

Alloy	Temper	Rod Diameter
6061	T6511B	0.750" – 8.500"

- **KaiserSelect[®] Precision Rod** allows complex machining with high metal removing rates
- Improved and repeatable piece-to-piece and lot-to-lot performance is offered over other extruded aluminum rod products
- Rod straightness and dimensional control are key quality characteristics of **KaiserSelect[®] Precision Rod**

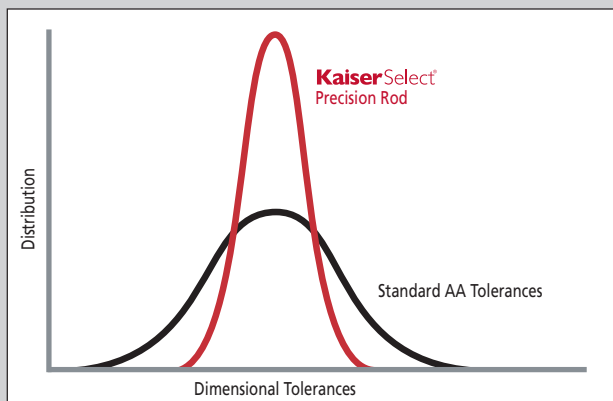
PERFORMANCE DATA

Tensile Strength (ksi)



The enhanced 6061 alloy used in **KaiserSelect** Precision Rod increases the mechanical strength and the overall hardness of the material resulting in a consistently higher mechanical performance level. **KaiserSelect** Precision Rod machines better and has less material and performance variation compared to other close tolerance aluminum products. **Elevated mechanical properties:** UTS 48.0 KSI min. / YTS 43.0 KSI min. 10% Elongation.

Dimensional Tolerances



Press process controls reduce variation for a more consistent material size that is much closer to the desired finish size. Kaiser Aluminum produces **KaiserSelect** Precision Rod to a straightness of no more than 0.075 inches in 12 feet – a full 1/2 improvement over the Aluminum Association Standard of 0.150 inches in 12 feet.

KaiserSelect



Competitor



KaiserSelect Precision Rod generates compact chips, allowing machinery to operate smoothly, minimizing downtime and costs. It offers improved and repeatable piece-to-piece, lot-to-lot performance over other extruded aluminum products.

In standard machining tests the chip formation from **KaiserSelect** products resulted in 35% smaller chips on average. Smaller chips improve throughput and reduce waste.

PRECISION ROD



Diameter "A"	Tolerance (+/-)	Lbs./Ft.	Part Number
0.750	0.004	0.519	705464*
0.812	0.004	0.609	705465
0.875	0.004	0.707	705467*
0.890	0.004	0.732	719553
0.938	0.004	0.812	705468
1.000	0.004	0.923	705469*
1.031	0.005	0.982	714240
1.062	0.005	1.042	705472*
1.125	0.005	1.169	705473*
1.188	0.005	1.303	705474*
1.250	0.005	1.443	705475*
1.255	0.005	1.454	705476
1.312	0.005	1.590	705477*
1.360	0.006	1.709	706997
1.375	0.005	1.746	705478*
1.438	0.005	1.910	705479*
1.500	0.005	2.078	705480*
1.562	0.005	2.253	705483*
1.625	0.005	2.439	705484*
1.688	0.005	2.632	705487*
1.693	0.005	2.647	705488
1.750	0.005	2.828	705489*
1.812	0.005	3.033	705491*
1.875	0.005	3.247	705492*
1.938	0.005	3.469	705493
2.000	0.008	3.695	705494*
2.031	0.008	3.810	712214
2.062	0.008	3.927	705495
2.125	0.008	4.171	705496*
2.188	0.008	4.422	705497
2.250	0.008	4.676	705498*
2.312	0.008	4.937	705499
2.375	0.008	5.210	705500*
2.438	0.008	5.490	705501
2.500	0.008	5.773	705502*
2.504	0.008	5.791	716277
2.562	0.008	6.062	705503
2.625	0.008	6.364	705504*
2.688	0.008	6.674	705505
2.750	0.008	6.985	705507*
2.875	0.008	7.634	705509*
3.000	0.008	8.313	705511*
3.062	0.012	8.660	733935

Diameter "A"	Tolerance (+/-)	Lbs./Ft.	Part Number
3.125	0.012	9.020	731792*
3.150	0.012	9.165	731793
3.250	0.012	9.756	731791*
3.313	0.012	10.138	731790
3.375	0.012	10.520	731789*
3.500	0.012	11.314	731788*
3.625	0.012	12.137	731769*
3.750	0.012	12.989	731768*
3.875	0.012	13.869	731767
4.000	0.017	14.778	731766*
4.125	0.017	15.716	731765
4.250	0.017	16.684	731764*
4.312	0.017	17.174	731763
4.375	0.017	17.679	731762
4.500	0.017	18.703	731761*
4.625	0.017	19.757	731760
4.750	0.017	20.840	731759*
4.875	0.017	21.951	731743
5.000	0.017	23.091	731742*
5.062	0.017	23.667	731741
5.125	0.017	24.260	731740
5.250	0.017	25.457	731738*
5.375	0.017	26.684	731717
5.500	0.017	27.940	731716*
5.625	0.017	29.225	731715
5.750	0.017	30.538	731714*
6.000	0.022	33.250	731713*
6.125	0.022	34.651	731712*
6.250	0.022	36.080	731711*
6.375	0.022	37.537	732407
6.500	0.022	39.024	731710*
6.625	0.022	40.539	731709
6.750	0.022	42.083	731708*
7.000	0.022	45.257	731707*
7.125	0.022	46.888	731706
7.250	0.022	48.548	731705*
7.375	0.022	50.237	731809
7.500	0.022	51.954	731704*
7.750	0.022	55.476	731703
8.000	0.027	59.113	731702*
8.125	0.027	60.974	731701
8.250	0.027	62.864	731700*
8.500	0.027	66.732	731699*

ORDER NOW For more information on **KaiserSelect®** Precision Rod, as well as the complete line of Kaiser Aluminum products, please call **866-499-7690**.

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* Available as a depot item