



**A high-tech approach...
with high performance
results**



- **air-hardening martensitic alloys**
- **excellent ride characteristics**
- **outstanding durability & toughness**
- **corrosion resistance**

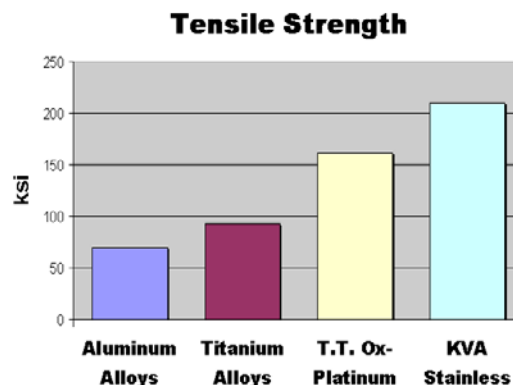
Excellent mechanical properties, including specific strength and stiffness, toughness and fatigue performance, in addition to corrosion-resistance, can be achieved using KVA martensitic stainless steels in place of other materials.

KVA processed air-hardening stainless exhibits:

- tensile strength > 200 ksi (1400 MPa)
- elongation > 14%
- hardness ~ 38-42 HRC

Ideal applications include silver brazed lugged-construction and TIG welded bicycle frames. ER309L filler wire and 350°F stress-relieve recommended for best welded joint performance.

Already proven by KVA in other industries, patented KVA martensitic stainless structural tubing can now be integrated into high performance bicycle frames to reduce weight, increase strength and stiffness, at significant cost decreases over competitive materials. KVA controlled atmosphere thermal processing ensures consistent, high-quality results.



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Road Tubeset

KVA STAINLESS
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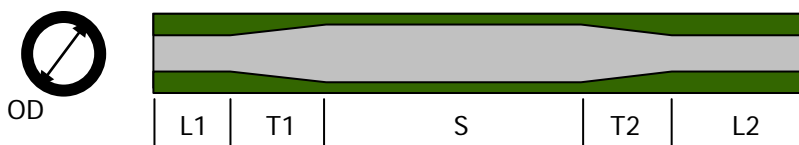


KVA Martensitic Stainless tubes are made in the U.S.A. from first quality domestic stainless alloys using the most modern forming, welding and precision thermal processing technology available...



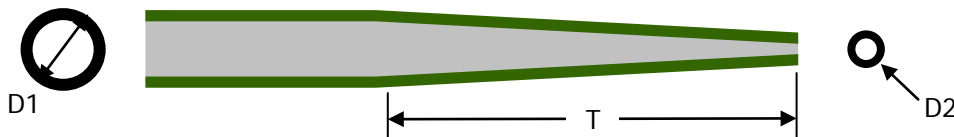
Double butted Main Tubes: CALL FOR MORE SIZES!

(All dimensions in mm)



OD	Length	Butt Profile	L1/T1/S/T2/L2	Part Number
Ø25.4	600	0.7/0.4/0.7	50/50/300/50/150	MT25.4B
Ø28.6	600	0.7/0.4/0.7	50/50/300/50/150	MT28.6B
Ø31.8	650	0.7/0.4/0.7	50/50/350/50/150	MT31.8B
Ø34.9	650	0.7/0.4/0.7	50/50/350/50/150	MT34.9B
Ø28.6	650	0.8/.6	125/50/475	ST28.6B

Tapered Stays: CALL FOR MORE SIZES!



D1	Length	Wall thickness	T	D2	Part Number
Ø22.2	425	0.65	250	12.5	CS22.2R
Ø16.0	600	0.6	300	12.5	SS16.0ST

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