

QUICK GUIDE:

Available Items

For our stock options of tubes, extrusions, and fittings, please visit our up-to-date webstore: www.bicycleframedepot.us

Stock items are also marked in this catalog with a “★”.

All dimensions are shown in Metric units. Refer to the back of this catalog for quick Imperial conversions.

Special Ordering

For inquiries regarding unique or unavailable tubes, extrusions, and fittings, please contact us or email: info@fairing.com

Custom Manufacturing

For quotations regarding custom made tube designs and unique components, please contact us or email: info@fairing.com

Titanium & Scandium Tubes

Our premium Titanium (3/2.5 seamless) and Scandium-7005 tubes are currently made to order only. Contact us for more information and specification possibilities.

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Cover photo by Sasha Malikov



www.bicycleframedepot.us

Visit our webstore to view product updates and items we stock in 7005/6061 aluminum, 4130 chromoly, and much more. Bicycle Frame Depot is designed for account holders. Please email us for more information: info@fairing.com

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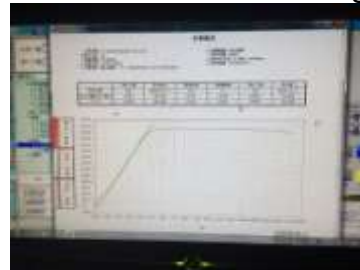
Email: info@fairing.com



Welcome to the Bicycle Frame Depot – a division of Fairing Industrial Inc. We are located in Southern California, USA, and dedicated to serving in-house companies and particularly for the bicycle industry. In this catalog you will see a variety of frameset building items in 4130 Chromoly, 6061/7005 Aluminum, and other special materials. Besides barstock and plates, we have a selection of bicycle tubes and fittings to cater disciplines like MTB, Road, BMX, and more. And notably, our US headquarters is able to facilitate standard and custom items for low quantity or mass production needs

Our factory (and partner factories) in Taiwan has fabricating machines to handle custom tube bending, wall butting, and shape forming. We also have upgraded machines to handle titanium and stainless tubes. Hydro-form tubing technology is available for the most complicated tube designs; our China factory is on standby to double capacity for better established businesses. Tubing quality and precision are possible with our equipment for DOM (Drawn Over Mandrel). With the latest technology and multiple sources, we are able to efficiently supply and coincide the production forecasts of our customers.

We have launched a new online store to better serve our customers 24/7. Visit www.bicycleframedepot.us to see items we commonly stock, and www.fairing.com for information on our tube production possibilities. Fairing strives to reduce drag for our customers and manufacturers by minimizing costs through increase efficiency and improve quality. We have contracts with many nation-wide logistics companies to provide the best shipping solutions anywhere. Feel free to contact us anytime for questions, inquires, or quotations...and let the frame building begin.



4130 Cr-Mo Chemical Composition Table and Mechanical Structural Properties

Grade	Material No		Chemical composition %						Tensile kgf/mm ²	Elongation %	Remaining Test	Flattening Test		
			C	Si	Mn	P	S	Cr					Mo	
Cro -Moly Steel	SCM415	AP	0.13-0.18	0.15-0.35							> 50	> 25	D ≥ 1.2 D	D ≥ 1/2 D
		NOAP	0.18	0.35							> 65	> 10	D ≥ 1.1 D	D ≥ 7/8 D
	SCM430	AP	0.28-0.33	0.15-0.35							> 50	> 25	D ≥ 1.2 D	D ≥ 1/2 D
		NOAP	0.33	0.35	0.60-0.85	0.03 max	0.03 max	0.90-1.20	0.15-0.30		> 70	> 8	D ≥ 1.1 D	D ≥ 7/8 D
	SCM435	AP	0.33-0.38	0.15-0.35							> 50	> 25	D ≥ 1.2 D	D ≥ 1/2 D
		NOAP	0.38	0.35							> 70	> 7	D ≥ 1.1 D	D ≥ 7/8 D
	SCM440	AP	0.38-0.43	0.15-0.35							> 50	> 25	D ≥ 1.2 D	D ≥ 1/2 D
		NOAP	0.43	0.35							> 75	> 5	D ≥ 1.1 D	D ≥ 7/8 D
	SAE4130	AP	0.28-0.33	0.15-0.35	0.40-0.60						> 50	> 25	D ≥ 1.2 D	D ≥ 1/2 D
		NOAP	0.33	0.35	0.60						> 70	> 8	D ≥ 1.1 D	D ≥ 7/8 D
	SAE4135	AP	0.32-0.39	0.15-0.35	0.65-0.95	0.035 max	0.04 max	0.80-1.10	0.15-0.25		> 50	> 25	D ≥ 1.2 D	D ≥ 1/2 D
		NOAP	0.39	0.35	0.95						> 70	> 7	D ≥ 1.1 D	D ≥ 7/8 D
	SAE4140	AP	0.38-0.43	0.15-0.35	0.75-1.00						> 50	> 25	D ≥ 1.2 D	D ≥ 1/2 D
		NOAP	0.43	0.35	1.00						> 75	> 5	D ≥ 1.1 D	D ≥ 7/8 D

Aluminum Chemical Composition Table and Mechanical Structural Properties

Grade	Material No	Chemical composition %									Condition	Tensile kgf/mm ²	Elongation %
		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr			
High Impact Aluminum Alloy	2014	0.50-1.20	0.70 max	3.90-5.00	0.40-1.20	0.20-0.80	0.10 max	0.25 max	0.15 max	-----	T6	>42	>6
	7005	0.35 max	0.40 max	0.10 max	0.20-0.70	1.00-1.80	0.06-0.20	4.00-5.00	0.001-0.006	0.08-0.20	O	>25	>12
											T6	>34	>10
	7050	0.12 max	0.15 max	2.00-2.60	0.10 max	1.90-2.60	0.04 max	5.70-6.70	0.06 max	0.08-0.15	T651	>55	>10
	7075	0.12 max	0.15 max	2.00-2.60	0.10 max	0.040 max	0.04 max	0.25 max	0.15 max	-----	O	>28	>6
										T6	>54	>12	
Anti-Corrosion Aluminum Alloy	6061	0.40-0.80	0.70 max	0.15-0.40	0.15 max	0.80-1.20	0.04-0.35	0.25 max	0.15 max	-----	O	>15	>14
											T6	>26	>8
	6063	0.20-0.60	0.35 max	0.10 max	0.10 max	0.040 max	0.10 max	0.10 max	0.10 max	-----	T4	>15	>10
											T6	>21	>9

7005 is a weldable aluminum alloy that uses Zinc as the primary hardening element. Fairing offers 7005 tubes in T4 condition. 7005 framesets only need to be aged after welding; no solution heat treatment necessary. Consult with the heat treaters to assure age quality.

ARTIFICIAL AGE FOR 7005 (T6): Age 6 hours at 200°F (+/-10°F) plus 4 hours at 320°F (+/-10°F). Then air cooling is suggested.

Mountain Bike Tubes

Part #	Diameter	Wall	Length	Notes
7005 Aluminum				
AL734161014-650★	34.9	1.65/1.0/1.4	650	31.6 Seatpost
AL734201318-620	34.9	2.0/1.3/1.8	620	
AL7342218-560★	34.9	2.2/1.8	560	30.9 Seatpost
AL73816-1000★	38.1	1.6	1000	
AL7381611115-6★	38.1	1.6/1.1/1.5	650	
AL744181114-750	44.0	1.8/1.1/1.4	750	
AL74416-1500★	44.5	1.6	1500	
AL750151114-780★	50.8	1.5/1.1/1.4	780	
AL750171014-750	50.8	1.7/1.0/1.4	750	
AL75021-1250★	50.8	2.1	1250	
AL750221417-750★	50.8	2.2/1.4/1.7	750	15° Bend Downtube
AL7CS192520-330	19/25	2.0	330	Rectangular Tapered Stay
AL7CS19/3115-MBD★	19/31	1.5	150	MTB S-Bend Chainstay
AL7SS1916-600★	19.1	1.6	600	Round Tapered Seatstay
AL7HT50/43-1200★	50.8OD/43ID	-	1200	44.5 ID Headtube Stock



AL7 Tapered Headtube
(AL7HT-TAPER-131)



Cr-Mo 100mm BB shell
(CMBB38/34-100)

6061 Aluminum

AL6342218-650★	34.9	2.2/1.8	650	30.9 Seatpost
AL638151014-650	38.1	1.5/1.0/1.4	650	
AL6SS1916-600	19.1	1.6	600	
AL6-05-19/25-1200★	19/25	2.0	1200	Rectangular Shape Tube
AL6CS19/3114SBD★	19.1/31.8	1.4	410	S-bend Chainstay
AL6-514-680★	66.3/42.0	1.8/1.2/1.5	680	Shaped Downtube w/ bend



AL7 S-Bend Chainstays
(AL7CS19/3115-MBD)

4130 Chromoly Steel

CMSS191209-600★	19.1	1.2/0.9	600	Round Tapered Seatstay
CM31120912-650★	31.8	1.2/0.9/1.2	650	
CM33/31130609-5	33.2/31.8	1.3/0.6/0.9	500	Bulge External Butted. 30.9 Seatpost
CM34120912-710★	34.9	1.2/0.9/1.2	710	
CM4716-1000★	47.0	1.6	1000	44.5 ID Headtube Stock

★ In Stock Item

Note: Contact us for availability or other options

Mountain Bike Shape Tubes

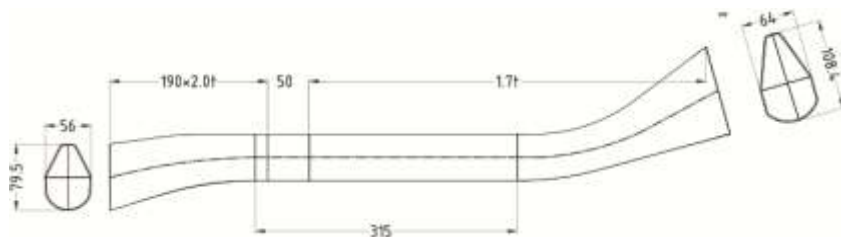
Aluminum Shape Tubes



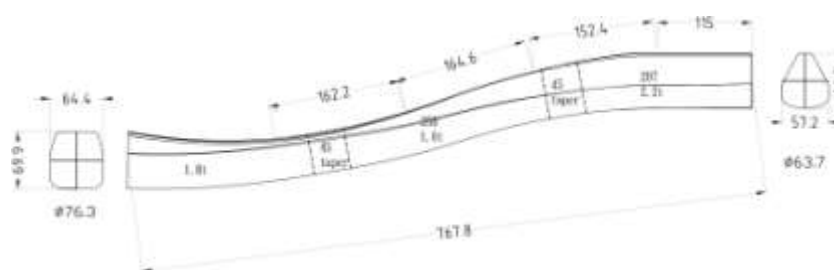
AL6-514-680★



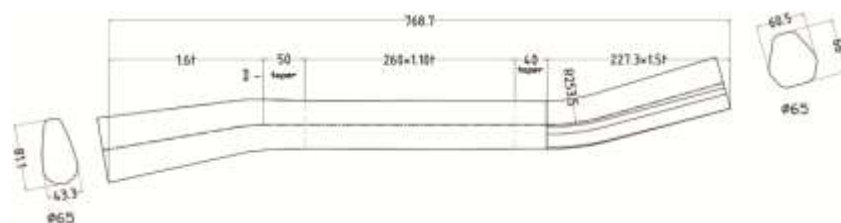
AL-550-720



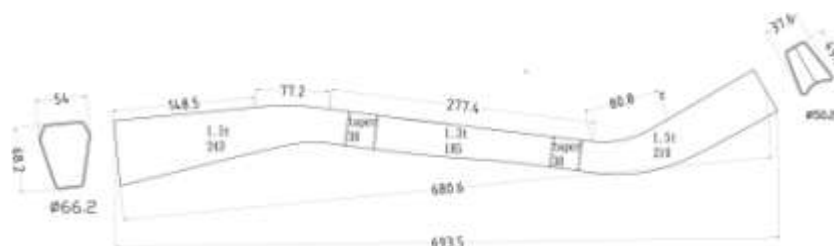
AL7-HF951★



AL6-M16-DT★



AL6-20040★



AL6-S275-TT★

★ In Stock Item

Note: Contact us for availability or other options

Cargo/Utility Bike Tubes

Part #	Diameter	Wall	Length	Notes
7005 Aluminum				
AL71216-1250★	12.7	1.6	1250	
AL71916--2280★	19.1	1.6	2280	
AL72216-2280★	22.2	1.6	2280	
AL72816-2280★	28.6	1.6	2280	
AL7312316-600★	31.8	2.3/1.6	600	27.2mm Seatpost
AL73416-1000★	34.9	1.6	1000	
AL7-05-19/2520-12★	19.1/25.4	2.0	1200	Rectangular Shape
AL7-08-35/6018★	35/60	1.8	600	Round-Rectangular Shape Tube
AL73816-2280★	38.1	1.6	2280	
AL7HT38/33-1000★	38OD/33.5ID	2.25	1000	34mm Headtube Stock
AL7-08-413116★	41.8/31.8	1.6	1150	Round-Rectangular Shape Tube
AL74416-2280★	44.5	1.6	2280	
AL75021-1250★	50.8	2.1	1250	
4130 Chromoly Steel				
CM1609-500★	16.1	0.9	500	
CM1912-2400★	19.1	1.2	2400	
CM2212-2400★	22.2	1.2	2400	
CM2809-2400★	28.6	0.9	2400	
CM2902-1200★	29.2	0.9	1200	27.2 Seatpost
CM3109-2400	31.8	0.9	2400	
CM3112-2400★	31.8	1.2	2400	
CM3409-2400	34.9	0.9	2400	
CMHT36/34-1000★	36.4OD/34ID	-	1000	34mm ID Headtube Stock
CM3809-2400★	38.1	0.9	2400	
CM5012-1220★	50.8	1.2	1220	
CM-08-50/2514-1★	50/25	1.4	1000	Round-Rectangular Shape Tube
CM-08-63/3224-4★	63.5/32.0	2.4	4500	Round-Rectangular Shape Tube



Cr-Mo Fork Blade
(CMFB31/2512-430)



AL Dropouts
(LK7- RZ167)



AL Tapered Rec. Stay
(AL7CS192520-330)

★ In Stock Item

Note: Contact us for availability or other options

Road/Track/CX Bike Tubes

Part #	Diameter	Wall	Length	Notes
7005 Aluminum				
AL7-0230/401513★	30/40	1.5/1.3/1.5	600	Aero Shape
AL7-30/68150912★	30/68	1.5/0.9/1.2	700	Aero Shape
AL7-03/40611611★	40/61	1.6/1.1/1.4	650	Aero Shape
AL731200916-610	31.8	2.0/0.9/1.6	610	
AL7312316-600★	31.8	2.3/1.6	600	27.2mm Seatpost
AL734161014-650★	34.9	1.65/1.0/1.4	650	
AL7HT38/33-1000★	38OD/33.5ID	2.25	1000	34mm Headtube Stock
AL744161013-700	44.0	1.6/1.0/1.3	700	
AL7HT50/43-1200★	50.8OD/43ID	3.65	1200	44mm Headtube Stock
AL750151114-780★	50.8	1.5/1.1/1.4	780	
AL7-877-700★	30/68	1.4	700	Aero Seattube
AL7-868-650★	32/50	1.4/1.2	650	Aero Seattube w/ Topper
AL7CS19/31113-41★	19.1/31.8	1.3	410	Oval Chainstay
AL7CS19/31114SBD★	19.1/31.8	1.4	450	Oval S-bend Chainstay
AL7SS1610-600★	16.1	1.0	600	Round Tapered Seatstay
AL7SS1912-600★	19.1	1.2	600	Round Tapered Seatstay
AL7SS23/1408-60★	23/14	0.8	600	Aero Tapered Seatstays



Cr-Mo Flat Mount
(LK- E52)



AL PF30 BB-shell
(AL7BB-PF30-68)

4130 Chromoly Steel

CM28080508-600	28.6	0.8/0.5/0.8	600	
CM28090609-600	28.6	0.9/0.6/0.9	600	
CM2909-1200★	29.2	0.9	1200	27.2 Seattube Stock
CM31080508-650★	31.8	0.8/0.5/0.8	650	
CM31090609-650	31.8	0.9/0.6/0.9	650	
CM35080508-680	34.9	0.8/0.5/0.8	680	
CM29/28120609-5★	29.8/28.6	1.2/0.6/0.9	550	External Butted 27.2 Seattube
CM29/28120609-6★	29.8/28.6	1.2/0.6/0.9	645	External Butted 27.2 Seattube
CMCS30/180906NB★	30/18	0.9/0.9	425	Oval Taper Chainstay
CMHT36/34-1000★	36.4OD/34ID	-	1000	34mm Headtube Stock
CM4716-1000★	47.0	1.6	1000	44mm Headtube Stock



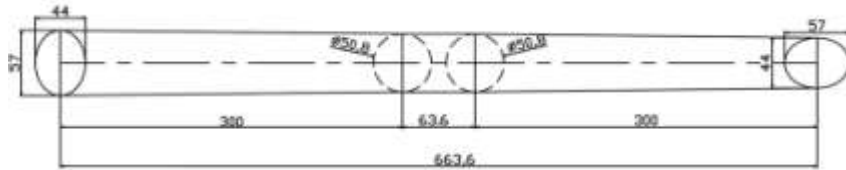
AL Hooded Dropout
(LK-184)

★ In Stock Item

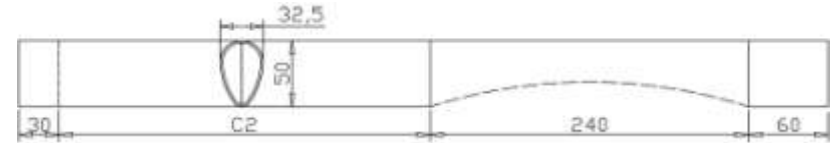
Note: Contact us for availability or other options

Road /Track /CX Bike Shape Tubes

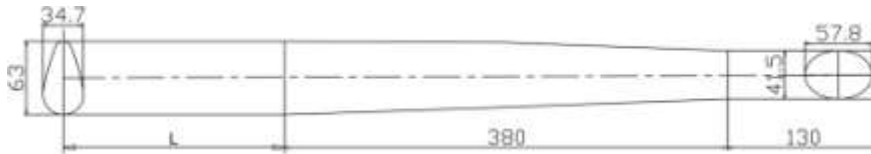
Aluminum Shape Tubes



AL-508-58-670



AL7-868-650★



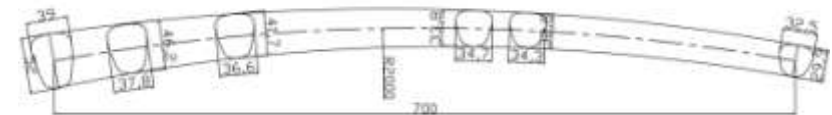
AL7-508-700★



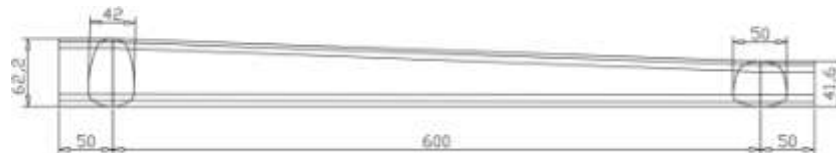
AL-460-38-570



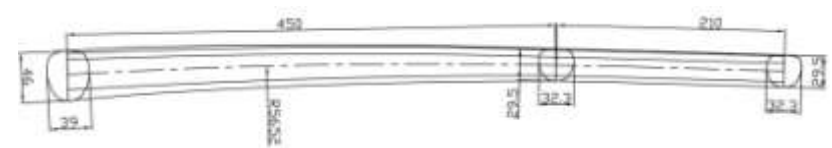
AL-508-15-680



AL-460-11-700



AL-550-6-680



AL-460-36-660

★ In Stock Item

Note: Contact us for availability or other option

Electric Bike Tubes

Part #	Diameter	Wall	Length	Notes
7005 Aluminum				
AL7-08-18/2820-500	18/28	2.0	500	Round Rectangular Shape
AL7-08-20/3424-1000	20/34	2.4	2000	Round Rectangular Shape
AL7-08-39/8520-750	39/85	2.0	750	Round Rectangular Shape
AL7-08-18/2820-500	18/28	2.0	500	Round Rectangular Shape
AL7-08-20/3424-1000	20/34	2.4	1000	Round Rectangular Shape
AL7-05-19/2520-1200★	19/25	2.0	1200	Rectangular shape
AL73116-1500★	31.8	1.6	1500	
AL7312316-600★	31.8	2.3/1.6	600	27.2mm Seatpost
AL7342016-560★	34.9	2.0/1.6	560	30.9 Seatpost
AL73516-1000★	34.9	1.6	1000	
AL7HT41/33-1000★	41OD/33ID	-	1000	34mm Headtube Stock
AL7SS1916-600★	19.1	1.6	600	Round Taped Seatstay



AL Battery Mount
(Shimano Spec, AL-801)

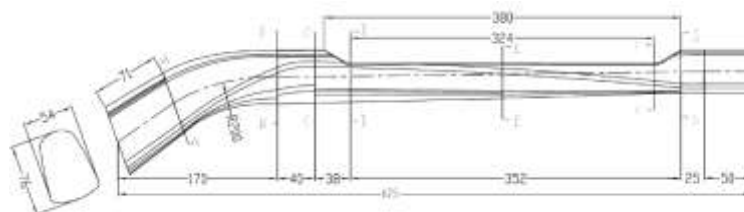


AL Mid Engine Mount
(Shimano Spec, AL-802-002)

6061 Aluminum

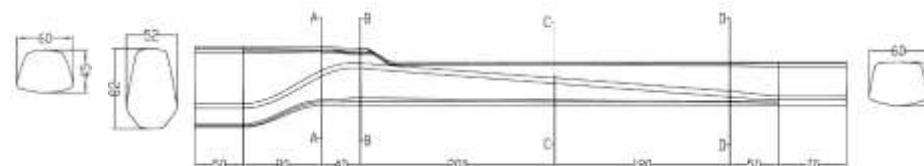
AL6-06-50/4116-740	50/41	1.6	740	Oval Shape
AL6-08-15/2816-1200	15/28	1.6	1200	Rectangular Shape
AL6-05-19/2520-1200★	19/25	2.0	1200	Rectangular shape
A L6-08-84/4416-920	84/44	1.6	920	Round Rectangular Shape
AL6-08-35/6018-800★	35/60	1.8	800	Round Rectangular Shape
AL6-08-35/1816-1000★	35/18	1.6	1000	Round Rectangular Shape
AL63416-1000★	34.9	1.6	1000	
AL6342218-650★	34.9	2.2/1.8	650	

Aluminum Shape Tubes



AL-D94-700

★ In Stock Item



AL-D95-700

Note: Contact us for availability or other options

BMX Bike Tubes

Part #	Diameter	Wall	Length	Notes
4130 Chromoly Steel				
CM281510-270★	28.6	1.5/1.0	270	25.4 Seatpost
CM281512-350	28.6	1.5/1.2	350	25.4 Seatpost
CM2909-1200★	29.2	0.9	1200	27.2 Seattube Stock
CM31090609-710	31.8	0.9/0.6/0.9	710	
CM31120912-525★	31.8	1.2/0.9/1..2	525	
CM31120912-650★	31.8	1.2/0.9/1.2	650	
CM34090609-710	34.9	0.9/0.6/0.9	710	
CM34120912-600★	34.9	1.2/0.9/1.2	600	
CM34120912-710★	34.9	1.2/0.9/1.2	710	
CM38090609-650	38.1	0.9/0.6/0.9	650	
CM38120912-650	38.1	1.2/0.9/1.2	650	
CMCS1912-381★	19.1	1.2	381	Round Tapered Chainstay
CMCS2212-420★	22.2	1.2	420	Round Tapered Chainstay
CMFB31/2512-430★	31.8/25.4	1.2	430	Oval Unicrown Fork Blade
CMFB311209-330	31.8	1.2/0.9	330	Round Unicrown Fork Blade
CMFB3112-430★	31.8	1.2	430	Round Unicrown Fork Blade
CMHT36/34-1000★	36.4OD/34ID	-	1000	34mm ID Headtube Stock



Cr-Mo Integrated HT



Removable Brake Posts (PV990)



Cr-Mo Mid-BB Shell (CMBB46/38-68)

★ In Stock Item

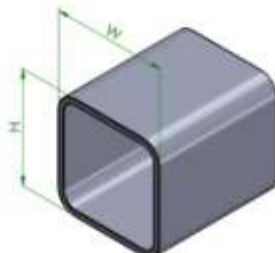
Note: Contact us for availability or other options

7005/6061 Shape Tube and Extrusions

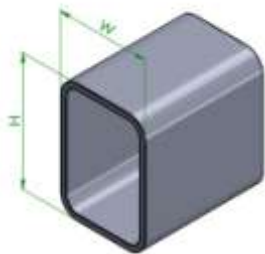
S-03 Aero Shape Options

	Alloy	Width x Height	Butted Options	Plain Gauge Options
	7005, 6061	25 x 38	1.5/1.0/1.5, 1.6/1.2/1.6	1.4, 1.6
	7005, 6061	30 x 40★	1.3/0.8/1.3, 1.5/1.3/1.5	1.4, 1.6
	7005, 6061	30 x 68★	1.5/0.9/1.2	-
	7005, 6061	32 x 45	1.5/1.0/1.4, 1.5/1.1/1.5	1.6, 1.8
	7005, 6061	32 x 50	1.5/0.7/0.9, 1.8/0.9/1.2	1.6, 1.8, 2.0
	7005, 6061	32 x 55	1.5/0.9/1.2, 1.6/1.0/1.3	1.6, 1.8, 2.0
	7005, 6061	35 x 50	1.5/0.9/1.2, 1.6/1.0/1.3	1.6, 1.8, 2.0
	7005, 6061	35 x 65★	1.5/0.9/1.2, 1.6/1.1/1.4	1.6, 1.8, 2.0
	7005, 6061	40 x 50★	1.5/0.9/1.2, 1.6/1.0/1.3	1.6, 1.8, 2.0
7005, 6061	40 x 61★	1.5/0.9/1.2, 1.6/1.1/1.4	1.6, 1.8, 2.0	

S-04 Square Shape Options

	Alloy	Width x Height	Butted Options	Plain Gauge Options
	7005, 6061	19 x 19	1.3/1.1, 1.6/1.4	1.2, 1.4
	7005, 6061	20 x 20	1.3/1.1, 1.6/1.4	1.5, 1.7
	7005, 6061	22 x 22	1.3/1.1, 1.6/1.4	1.2, 1.4
	7005, 6061	25 x 25★	1.3/1.1, 1.6/1.4	1.2, 1.4
	6061	35 x 35	1.3/1.1, 1.6/1.4	1.6
	7005, 6061	35 x 35	1.3/1.1, 1.6/1.4	1.6, 2.4
	7005, 6061	44 x 44	1.3/1.1, 1.6/1.4	3.0

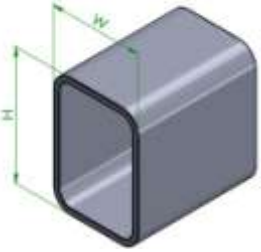
S-05 Rectangular Shape Options

	Alloy	Width x Height	Butted Options	Plain Gauge Options
	6061	15 x 28	-	1.6
	7005, 6061	15 x 35	-	1.6
	7005	17 x 23	-	1.8
	7005	19 x 22	-	1.6, 1.8
	7005, 6061	19 x 25★	-	2.0
	7005, 6061	19 x 27	-	1.6
	6061	19 x 50	1.8/1.2/1.4	
	7005, 6061	20 x 35★	-	1.6
	7005	20 x 40	-	1.4

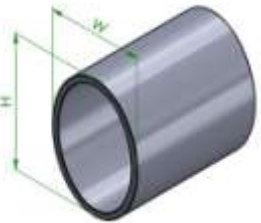
★ In Stock Item

Note: Contact us for lengths or special order

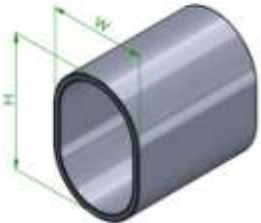
S-05 Rectangular Shape Options (continued)

	Alloy	Width x Height	Butted Options	Plain Gauge Options
	6061	35 x 44	-	2.5
	7005	35 x 55	-	1.7
	6061	35 x 62	-	1.6, 1.8
	7005	35 x 62	-	1.8
	7005	39 x 50	1.8/1.2/1.4	1.8
	7005, 6061	39 x 50	-	1.8
	7005, 6061	39 x 60	2.6/1.3/1.5	1.8
	7005	45 x 100	-	2.0

S-06 Oval Shape Options

	Alloy	Width x Height	Butted Options	Plain Gauge Options
	7005	17 x 23	-	1.5
	7005	21 x 25.5	-	1.65
	6061	26.5 x 41.0	1.3/0.8/1.3	-
	7005	31.8 x 41.8	-	1.6
	7005	38.1 x 48.0	-	1.8
	7005, 6061	40 x 60	1.5/0.9/1.2, 1.6/1.2/1.4	1.6, 1.8, 2.0
	7005, 6061	41 x 50★	1.6/1.0/1.3, 1.8/1.1/1.4	1.6, 1.8, 2.0

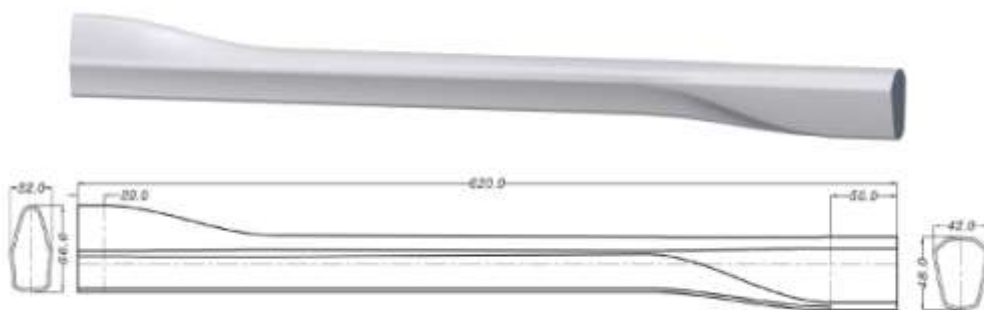
S-08 Round-Rectangular Shape Options

	Alloy	Width x Height	Butted Options	Plain Gauge Options
	7005	18 x 35★	-	1.6
	7005	20.6 x 34.9	-	1.6
	7005	23 x 17	-	2.3
	7005	25 x 21	-	1.65
	7005	34 x 97	-	1.8
	7005, 6061	35 x 60★	-	1.8
	7005	35 x 75	-	2.0
	7005	39 x 85	-	1.7, 2.0
	7005	40 x 76	-	1.6
	7005	41.8 x 31.8★	-	1.6
	6061	44 x 84	-	1.6
	7005	45 x 20	-	1.8
	7005	53.5 x 28.6	-	1.8
	7005	60 x 35	-	1.6
	7005	76 x 40	-	2.0

★ In Stock Item

Note: Contact us for lengths or special order

Hydroformed Tube



Parts No.	Description	Length
HF0412	Top Tube 1.6 wall	620 mm

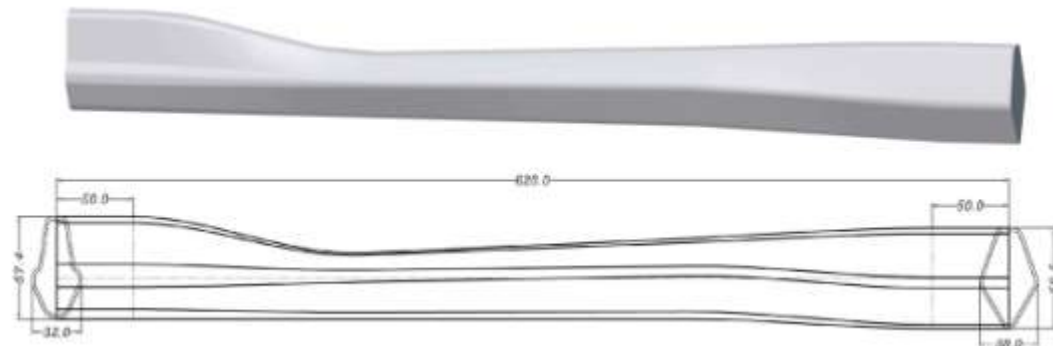


Parts No.	Description	Length
HF0413	Top Tube 1.6 wall	620 mm

Note: Contact us for special order or other options



Parts No.	Description	Length
HF0414	Top Tube 1.6 wall	620 mm

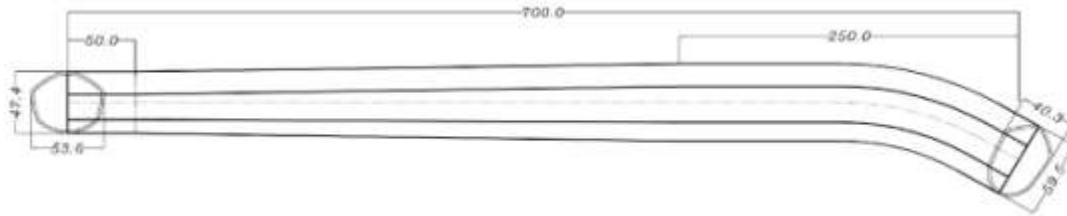


Parts No.	Description	Length
HF0415	Top Tube 2.0 wall	620 mm



Parts No.	Description	Length
HF0416	Top Tube 2.0 wall	600 mm

Note: Contact us for special order or other options

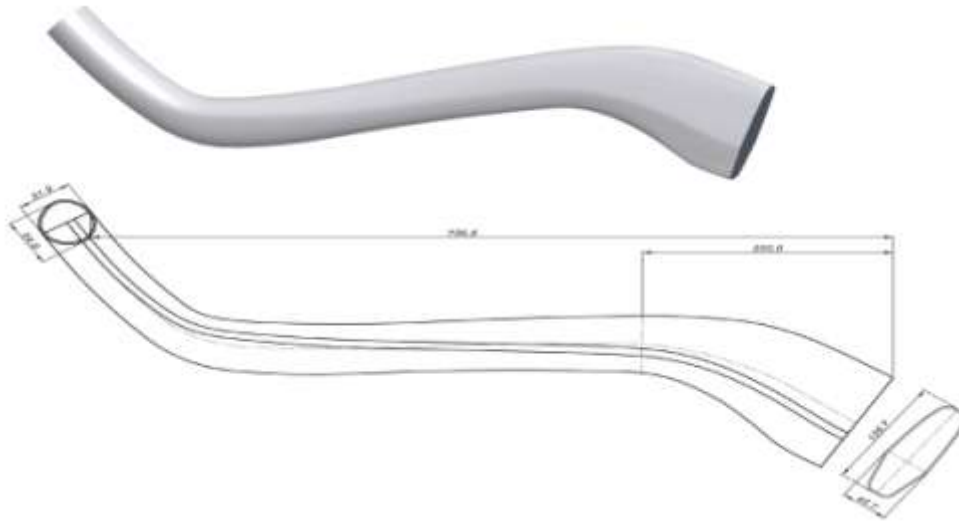


Parts No.	Description	Length
HF0514	Down Tube 1.6/1.4/1.8 wall	720 mm

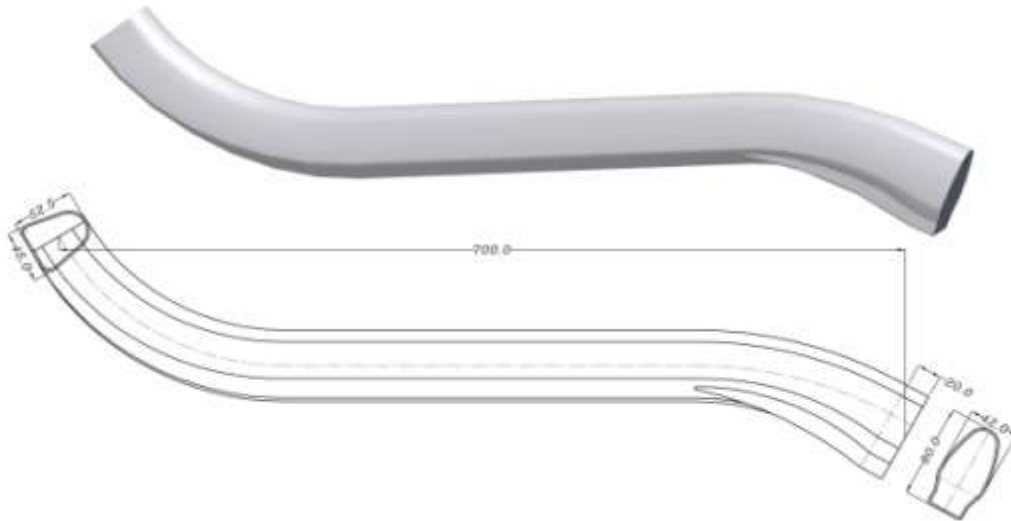


Parts No.	Description	Length
HF0706	Down Tube 2.2 wall	743 mm

Note: Contact us for special order or other options



Parts No.	Description	Length
HF0905	Down Tube 2.0 wall	736 mm



Parts No.	Description	Length
HF0612	DownTube 2.0 wall	700 mm

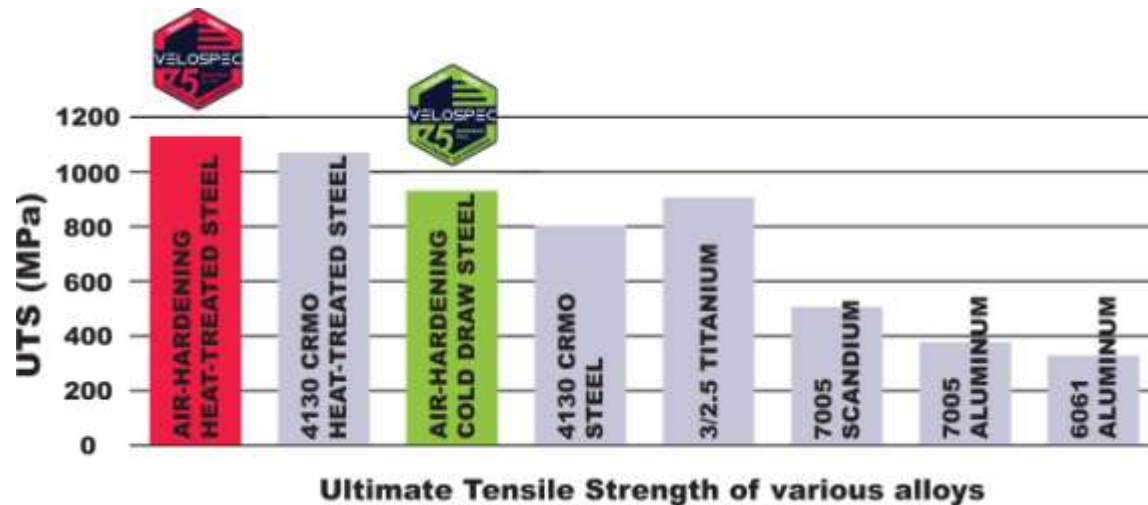
Note: Contact us for special order or other option

Velospec Ultra Steels



Velospec high-strength steels are designed for top-end performance and lightweight frame designs. This seamless tubing undergoes DOM processing for better tube tolerance and structure. Composed of "air-hardening" characteristics from its chemistry, this alloy has the ability to further harden/strengthen TIG welded zones during its cool down.

Velospec is offered in two versions: Elite and Pro. For additional strengths especially for thin wall profiles, the Elite tubes undergo a heattreatment that raises tensile strengths up to ~1150 MPa, which counters material fatigue and external impacts. At moderately lower but outstanding in toughness, the cold-drawn, non-heattreated Pro tubes have tensile strengths up to ~950 MPa. Velospec's US-made raw material is tested to AMS 2301 aircraft quality.



Velospec Elite



Part	Diameter	Wall	Length	Butting Profile
AH25060406-600	25.4	0.6/0.4/0.6	600	85.50.290.50.125
AH25070407-640	25.4	0.7/0.4/0.7	640	95.40.300.40.165
AH25080508-650	25.4	0.8/0.5/0.8	650	95.40.300.40.175
AH28070407-630	28.6	0.7/0.4/0.7	630	100.50.320.50.110
AH28080508-640	28.6	0.8/0.5/0.8	640	100.50.320.50.120
AH28090609-650	28.6	0.9/0.6/0.9	650	135.30.230.30.225
AH31070407-680	31.8	0.7/0.4/0.7	680	90.50.300.50.190
AH31080508-690	31.8	0.8/0.5/0.8	690	100.50.300.50.190
AH34070407-700	34.9	0.7/0.4/0.7	700	135.50.385.50.80
AH34080508-680	34.9	0.8/0.5/0.8	680	90.50.290.50.200
AH34080508-740	34.9	0.8/0.5/0.8	740	100.50.370.50.170
AH38070407-750	38.1	0.7/0.4/0.7	750	150.50.350.50.150
AH38100709-800	38.1	1.0/0.7/0.9	800	200.60.330.60.150
AH42090709-850	42.0	0.9/0.7/0.9	850	250.60.330.60.150
AH44100709-850	44.5	1.0/0.7/0.9	850	250.60.330.60.150

Velospec Pro



Part	Diameter	Wall	Length	Butting Profile
AC28080508-640	28.6	100.50.320.50.120	640	100.50.320.50.120
AC28090609-650	28.6	80.50.340.50.130	650	80.50.340.50.130
AC28090609-740	28.6	80.50.340.50.220	740	80.50.340.50.220
AC31080508-690	31.8	100.50.300.50.190	690	100.50.300.50.190
AC31090609-650	31.8	80.50.300.50.170	650	80.50.300.50.170
AC31090609-740	31.8	80.50.300.50.260	740	80.50.300.50.260
AC34080508-680	34.9	90.50.290.50.200	680	90.50.290.50.200
AC34080508-740	34.9	100.50.370.50.170	740	100.50.370.50.170
AC34090609-650	34.9	80.50.350.50.120	650	80.50.350.50.120
AC34090609-740	34.9	80.50.350.50.210	740	80.50.350.50.210
AC38100709-800	38.1	200.60.330.60.150	800	200.60.330.60.150
AC42090709-850	42.0	250.60.330.60.150	850	250.60.330.60.150

7005/6061 Aluminum Plain Gauge Tube

Metric Chart

OD / Wall	8.0	10.0	12.0	12.7	13.0	14.0	15.0	15.9	16.0	17.0	18.0	19.0	20.0	20.5	22.0	22.2	23.0	24.0	25.0	25.2	25.4	26.0	27.0	27.2	28.0	28.6	29.0	30.0	31.0	31.8	32.0	32.5	33.0	34.0	34.9	35.0			
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Available Outer Diameter and Wall Thickness

7005/6061 Aluminum Plain Gauge (continued)

Metric Chart

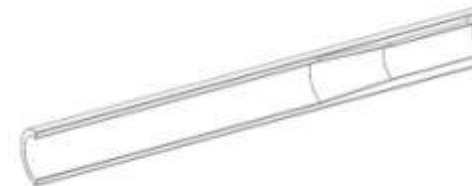
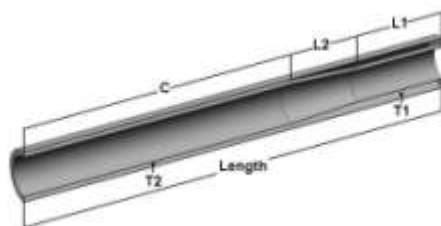
OD / Wall	36.0	37.0	38.1	39.0	40.0	41.0	41.3	42.0	43.0	44.0	44.5	45.0	46.0	47.0	48.0	50.0	50.8	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	63.0	65.0	67.0	69.0	70.0	72.0	75.0	77.5	80.0		
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Available Outer Diameter and Wall Thickness

Note: Contact us for availability or special order

Single-Butted Tube



7005/6061 Aluminum

Size	ϕ OD	T1	T2	L1	L2	C	Length	Notes
19.1 x 2.2/1.6	19.1	2.2	1.6	195	45	160+	400-600	
22.2 x 1.5/1.2	22.2	1.5	1.2	125	40	235+	400-600	
22.2 x 2.2/1.8	22.2	2.2	1.8	155	50	195+	400-600	
25.4 x 1.4/1.0	25.4	1.4	1.0	85	90	225+	400-600	
25.4 x 1.5/1.2	25.4	1.5	1.2	145	40	215+	400-600	
25.4 x 2.0/1.6	25.4	2.0	1.6	105	60	235+	400-600	
28.6 x 2.3/1.6★	28.6	2.3	1.6	135	40	225+	400-600	
28.6 x 2.8/2.3	28.6	2.8	2.3	45	15	340+	400-600	
31.8 x 2.3/1.6★	31.8	2.3	1.6	100	60	240+	400-600	27.2 ID
34.9 x 2.2/1.8★	34.9	2.2	1.8	100	60	240+	400-600	30.4 ID

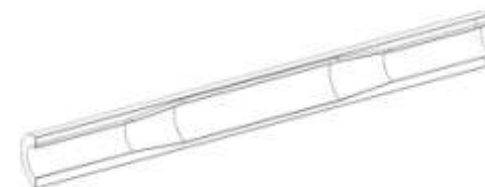
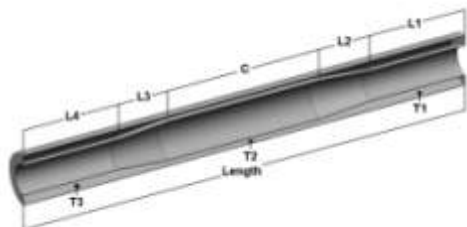
4130 Chromoly

Size	ϕ OD	T1	T2	L1	L2	C	Length	Notes
19.1 x 0.9/0.6★	19.1	0.9	0.6	100	30	170+	300-600	
19.1 x 1.2/0.9	19.1	1.2	0.9	185	50	65+	300-600	
22.2 x 0.8/0.6	22.2	0.8	0.6	160	30	110+	300-600	
22.2 x 0.9/0.6	22.2	0.9	0.6	170	30	100+	300-600	
25.4 x 0.9/0.6	25.4	0.9	0.6	160	50	90+	300-600	
25.4 x 1.0/0.7	25.4	1.0	0.7	165	30	105+	300-600	
28.6 x 0.9/0.6	28.6	0.9	0.6	175	50	75+	300-600	27.2 ID
28.6 x 1.5/1.0★	28.6	1.5	1.0	80	50	170+	300-600	25.4 ID
28.6 x 2.3/1.6★	28.6	2.3	1.6	120	50	130+	300-600	
31.8 x 0.9/0.7	31.8	0.9	0.7	125	60	115+	300-600	
31.8 x 1.2/0.9	31.8	1.2	0.9	165	30	105+	300-600	

★ In Stock Item

Note: Contact us for other options or special order

7005/6061 Aluminum Double-Butted Tube



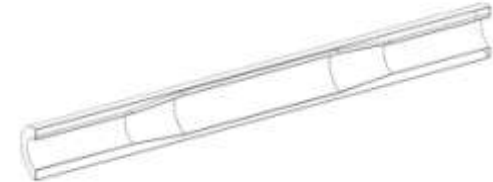
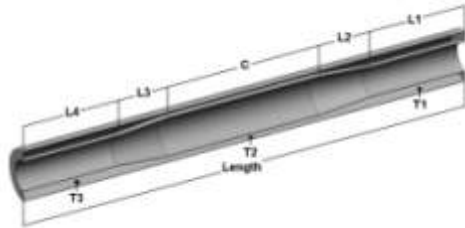
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31.8 x 1.3/0.9/1.2
31.8 x 2.35/1.0/1.3
31.8 x 2.35/1.2/1.4
31.8 x 2.5/1.0/1.5
34.9 x 1.5/1.3/1.5
34.9 x 1.6/1.2/1.6
34.9 x 1.65/1.0/1.4
34.9 x 1.65/1.0/1.4★
34.9 x 2.2/1.4/1.6
34.9 x 2.25/1.2/1.6
38.1 x 1.2/0.9/1.2
38.1 x 1.5/1.0/1.4
38.1 x 1.6/1.1/1.5
38.1 x 1.8/1.4/1.8
44.0 x 1.6/1.2/1.8
44.0 x 1.8/1.1/1.4
44.0 x 1.8/1.3/1.6
44.0 x 2.0/1.0/1.6
50.8 x 1.5/1.1/1.4★
50.8 x 1.5/1.2/1.8
50.8 x 1.6/1.2/1.4
50.8 x 1.9/0.9/1.2
60.0 x 1.4/0.9/1.3

φ OD	T1	T2	T3	L1	L2	C	L3	L4	Length
31.8	1.3	0.9	1.2	80	50	270	35	115+	550-650
31.8	2.35	1.0	1.3	75	50	270	35	120+	550-650
31.8	2.35	1.2	1.4	75	50	270	35	120+	550-650
31.8	2.5	1.0	1.5	100	95	160	30	165+	550-650
34.9	1.5	1.3	1.5	100	50	260	50	90+	550-650
34.9	1.6	1.2	1.6	85	50	215	50	150+	550-650
34.9	1.65	1.0	1.4	80	50	250	50	120+	550-650
34.9	1.65	1.0	1.4	80	50	350	50	20+	550-650
34.9	2.2	1.4	1.6	125	30	205	25	165+	550-650
34.9	2.25	1.2	1.6	70	50	240	50	140+	550-650
38.1	1.2	0.9	1.2	95	50	320	50	35+	550-650
38.1	1.5	1.0	1.4	100	50	300	50	50+	550-650
38.1	1.6	1.1	1.5	105	50	300	60	35+	550-650
38.1	1.8	1.4	1.8	80	60	200	50	160+	550-650
44.0	1.6	1.2	1.8	155	50	200	20	175+	600-700
44.0	1.8	1.1	1.4	100	60	300	65	75+	600-700
44.0	1.8	1.3	1.6	100	50	320	50	80+	600-700
44.0	2.0	1.0	1.6	110	110	260	50	70+	600-700
50.8	1.5	1.1	1.4	140	55	320	50	35+	600-700
50.8	1.5	1.2	1.8	65	80	310	50	95+	600-700
50.8	1.6	1.2	1.4	130	60	240	50	120+	600-700
50.8	1.9	0.9	1.2	165	30	270	50	85+	600-700
60.0	1.4	0.9	1.3	105	70	300	60	65+	600-700

★ In Stock Item

Note: Contact us for other options or special order

4130-Chromoly Double-Butted Tube



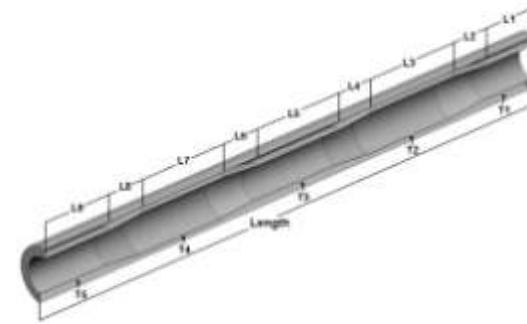
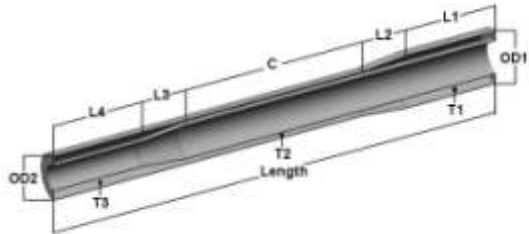
Size
25.4 x 0.8/0.5/0.8
25.4 x 0.8/0.6/0.9
25.4 x 0.9/0.6/0.9
28.6 x 0.8/0.5/0.6
28.6 x 0.8/0.5/0.8
28.6 x 0.8/0.5/0.9
28.6 x 0.9/0.6/0.9
28.6 x 1.0/0.7/1.0
31.8 x 0.8/0.5/0.8★
31.8 x 0.9/0.6/0.9
31.8 x 1.0/0.7/0.9
31.8 x 1.0/0.7/1.0
31.8 x 1.2/0.9/1.2★
34.9 x 0.8/0.5/0.8★
34.9 x 0.9/0.6/0.9
34.9 x 0.9/0.6/0.9
34.9 x 1.0/0.7/1.0
34.9 x 1.2/0.8/1.1
34.9 x 1.2/0.9/1.2★
38.1 x 0.8/0.5/0.8
38.1 x 0.9/0.6/0.9★
38.1 x 1.0/0.7/1.0
38.1 x 1.2/0.9/1.2

φ OD	T1	T2	T3	L1	L2	C	L3	L4	Length
25.4	0.8	0.5	0.8	75	40	285	40	110+	550-650
25.4	0.8	0.6	0.9	90	50	290	50	70+	550-650
25.4	0.9	0.6	0.9	85	60	290	50	65+	550-650
28.6	0.8	0.5	0.6	85	40	310	40	75+	550-650
28.6	0.8	0.5	0.8	85	40	260	40	125+	550-650
28.6	0.8	0.5	0.9	90	50	290	50	70+	550-650
28.6	0.9	0.6	0.9	85	50	290	50	75+	550-650
28.6	1.0	0.7	1.0	90	30	290	30	110+	550-650
31.8	0.8	0.5	0.8	130	30	230	30	130+	550-650
31.8	0.9	0.6	0.9	135	30	230	30	125+	550-650
31.8	1.0	0.7	0.9	110	30	250	30	145+	550-650
31.8	1.0	0.7	1.0	85	50	290	50	75+	550-650
31.8	1.2	0.9	1.2	95	50	260	50	95+	550-650
34.9	0.8	0.5	0.8	130	40	330	40	60+	600-700
34.9	0.9	0.6	0.9	85	50	240	50	175+	600-700
34.9	0.9	0.6	0.9	135	40	330	40	55+	600-700
34.9	1.0	0.7	1.0	90	50	290	50	120+	600-700
34.9	1.2	0.8	1.1	85	50	300	50	65+	600-700
34.9	1.2	0.9	1.2	95	50	250	50	155+	600-700
38.1	0.8	0.5	0.8	125	30	300	30	115+	600-700
38.1	0.9	0.6	0.9	85	50	290	50	125+	600-700
38.1	1.0	0.7	1.0	165	50	300	50	35+	600-700
38.1	1.2	0.9	1.2	95	50	320	50	85+	600-700

★ In Stock Item

Note: Contact us for other options or special order

Bulge-Butted & Quad-Butted Tube



4130-Chromoly Bulge Butted Tube

Size	OD1	OD2	T1	T2	T3	L1	L2	C	L3	L4	Length
29.8/28.6 x 1.2/0.6/0.9★	29.8	28.6	1.2	0.6	0.9	100	20	270	20	90	500
29.8/28.6 x 1.2/0.6/0.9★	29.8	28.6	1.2	0.6	0.9	95	25	300	30	100	550
29.8/28.6 x 1.2/0.6/0.9★	29.8	28.6	1.2	0.6	0.9	85	25	395	30	115	650
33.2/31.8 x 1.3/0.6/0.9	33.2	31.8	1.3	0.6	0.9	65	50	185	20	80	400
33.2/31.8 x 1.3/0.6/0.9	33.2	31.8	1.3	0.6	0.9	65	50	285	20	80	500
33.2/31.8 x 1.3/0.6/0.9	33.2	31.8	1.3	0.6	0.9	65	50	385	20	80	600

7005 Aluminum Quad Butted Tube

Size	φ OD	T1	T2	T3	T4	T5	L1	L2	L3	L4	L5	L6	L7	L8	L9	Length
34.9 x 1.3/1.0/1.3/0.9/1.3	34.9	1.3	1.0	1.3	1.0	1.3	120	50	300	50	220	50	400	50	160	1400
38.1 x 2.1/1.5/2.1/1.5/2.1	38.1	2.1	1.5	2.1	1.5	2.1	80	40	280	40	200	40	350	40	130	1200

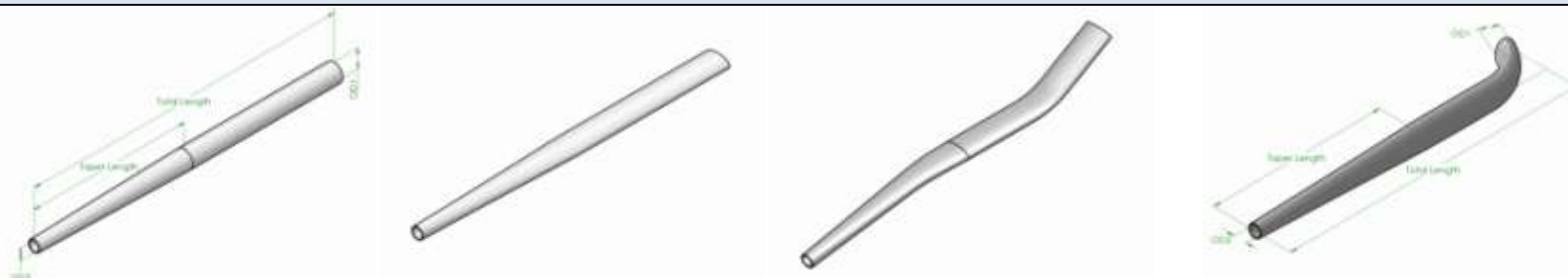
4130-Chromoly Quad Butted Tube

Size	φ OD	T1	T2	T3	T4	T5	L1	L2	L3	L4	L5	L6	L7	L8	L9	Length
34.9 x 0.7/0.4/0.7/0.4/0.7	34.9	0.7	0.4	0.7	0.4	0.7	120	50	300	50	220	50	400	50	190	1430
34.9 x 0.8/0.5/0.8/0.5/0.8	34.9	0.8	0.5	0.7	0.5	0.8	120	50	300	50	220	50	400	50	110	1350

★ In Stock Item

Note: Contact us for other options or special order

Chain Stay, Seat Stay & Fork Blade



7005 Aluminum Chainstay & Seatstay

Size	OD1	OD2	Wall	Taper	Length	Notes
19/31 OV x 1.3★	19/31	18.25	1.3	210	410	Oval Tapered Chainstay
19/31 OV x 1.4/0.9★	19/31	18.0	1.4/0.9	210	410	S-Bend Chainstay
19/31 OV x 1.5★	19/31	14.0	1.5	260	450	MTB S-Bend Chainstay
25.4 x 1.4/0.8★	25.4	18.0	1.4/0.8	295	410	Round Tapered Chainstay
16.0 x 1.0★	16.0	14.0	1.0	240	600	Round Tapered Seatstay
19.1 x 1.2★	19.1	14.0	1.2	230	600	Round Tapered Seatstay
19.1 x 1.6★	19.1	14.0	1.6	230	600	Round Tapered Seatstay
23/14 x 0.8★	23/14	14.0	0.8	120	600	Aero-shape Tapered Seatstays

4130 Chromoly Chainstay & Seatstay

Size	OD1	OD2	Wall	Taper	Length	Notes
18/26 OV x 1.2/0.9★	18/26	13.0	1.2/0.9	250	450	Oval Tapered Chainstay
18/30 x 0.9/0.6★	18/30	14.0	0.9/0.6	230	410	Oval Tapered Chainstay
22.0 x 0.9/0.6	22.2	13.0	0.9/0.6	210	490	Round-Oval-Round Tapered Chainstay
16.0 x 0.7	16.0	13.0	0.7	150	600	Round Tapered Seatstay
19.1 x 0.9/0.6★	19.1	11.5	0.9/0.6	240	600	R.Round Tapered Seatstay
19.1 x 1.2/0.9★	19.1	12.5	1.2/0.9	235	600	Round Tapered Seatstay

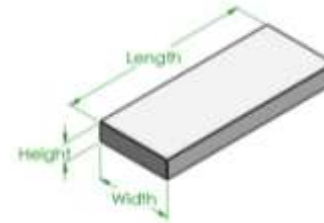
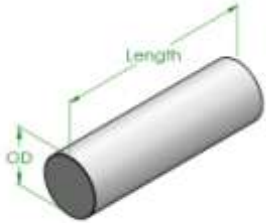
4130 Chromoly Fork Blade

Size	OD1	OD2	Wall	Taper	Length	Notes
27.5/20 OV x 1.1/0.8★	27.5/20.0	13.0	1.1/0.8	250	460	Oval Tapered, Straight
31.8/25.4 OV x 1.2★	31.8/25.4	23.0	1.2	210	410	Oval Tapered, Unicrown
31.8 x 1.2★	31.8	22.0	1.2		430	Round Tapered, Unicrown

★ In Stock Item

Note: OV = Oval. Contact us for other options or special ordering

7005 Aluminum Bar Stock & Plate



7005 Solid Bar Stock Options

OD	OD	OD	OD
7.0	28.0	44.5	63.0
8.0	28.6★	45.0★	64.0
10.0	29.0	45.5	65.0
12.0	30.0	46.0	66.0
12.7	31.0	47.0	67.0
13.0	31.8	47.6	68.0
14.0	32.0★	48.0	69.0
15.0	32.5	49.0	70.0
16.0	33.0	50.0	71.0
17.0	33.5	50.8	72.0
18.0	34.0	51.0	73.0
19.0★	34.9	52.0	74.0
20.0	35.0★	53.0	75.0
20.5	35.5	54.0	76.0
22.2	37.0	55.0	77.0
23.0	38.1★	56.0	78.0★
24.0	39.0	57.0	80.0
25.0	40.0	57.5	85.0
25.4	41.0★	58.0	90.0★
26.0★	42.0	59.0	98.0
26.5	42.5	60.0	99.8
27.0	43.0	60.5	130.0
27.2	43.5	61.0	
27.5	44.0	62.0	

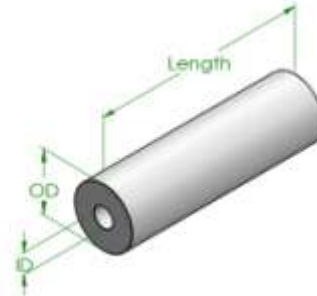
7005 Flat Plate Options

Height	Width	Height	Width	Height	Width	Height	Width
2.0	55.0	8.0	50.0	12.0	45.0	26.0★	102.0★
2.0★	100.0★	8.0	60.0	12.0	65.0	28.0★	127.0★
4.0	25.0	8.0	65.0	12.0	75.0	30.0	45.0
4.0	31.0	8.0	70.0	12.0	85.0	30.0	60.0
4.0★	98.5★	8.0	76.0	12.0	105.0	35.0	50.8
5.0	26.4	8.0	80.0	13.0★	150.0★	35.0	90.0
5.0	42.0	8.0	83.0	14.0	85.0	38.1	54.0
5.0	50.0	8.0	90.0	15.0	36.0	38.1	63.5
5.0	53.0	8.0	105.0	15.0	40.0	38.1	64.0
5.0	68.0	8.0	110.0	15.0	165.0	38.1	127.0
5.0	85.0	8.0	118.0	16.0	125.0	40.0	100.0
5.0★	100.0★	8.0★	120.0★	18.0	30.0	41.0	56.0
5.0	110.0	9.0	82.0	19.0★	110.0★	44.0	44.0
6.0	60.0	9.0	110.0	20.0	20.0	45.0	45.0
6.5	65.0	10.0	30.0	20.0	25.0	51.0	70.0
6.0	100.0	10.0	50.0	20.0	40.0	60.0	73.0
6.0	110.0	10.0	65.0	20.0	70.0	62.0	70.0
7.0	65.0	10.0	90.0	20.0	82.0	85.0	85.0
7.0	72.0	10.0	120.0	20.0	113.0		
7.0	76.0	11.0	31.0	20.0	115.0		
7.0	90.0	11.0	35.0	22.0	30.0		
7.0	95.0	11.0	95.0	25.0	50.0		
7.0	100.0	12.0	32.0	25.4	32.0		
7.0	110.0	12.0	40.0	26.0	100.0		

★ In Stock Item

Note: Contact us for availability and lengths

7005 Aluminum Hollow Bar Stock



7005 Hollow Bar Stock Options

OD	ID	OD	ID	OD	ID	OD	ID	OD	ID	OD	ID	OD	ID
15.0	7.8	35.0	23.0	38.0	25.6	41.0	21.0	44.0	28.0	46.0	31.0	48.0	36.5
18.0	8.0	35.0	19.0	38.0	23.0	41.0	33.7	44.0	27.6	46.0	30.3	48.0	36.0
18.0	6.0	35.0	13.0	38.0	21.5	41.0	33.5	44.0	27.0	47.0	37.0	48.0	35.0
18.9	1.3	35.0	25.0	38.0	20.0	41.0	29.5	44.5	30.0	47.0	36.8	48.0	34.0
20.0	11.0	35.0	24.6	38.0	17.0	41.0	29.0	45.0	20.0	47.0	36.0	48.0	33.8
22.0	13.0	35.0	22.5	38.1	29.5	41.0	28.0	45.0	35.0	47.0	35.8	48.0	33.5
22.2	12.2	35.0	22.0	38.1	28.7	41.0	27.0	45.0	34.5	47.0	35.0	48.0	33.4
24.0	12.7	35.0	21.0	38.1	27.0	41.0	24.0	45.0	34.0	47.0	34.0	48.0	33.0
25.4	14.0	35.0	20.0	38.1	22.8	41.0	23.4	45.0	33.4	47.0	33.4	48.0	31.0
27.0	15.0	35.0	17.0	38.1	20.0	41.0	23.0	45.0	33.0	47.0	33.0	49.0	38.0
28.0	14.0	36.0	26.0	39.0	29.0	41.0	22.0	45.0	32.5	47.0	32.0	49.0	34.0
28.6	5.4	36.0	25.6	39.0	27.0	41.5	33.6	45.0	31.0	47.0	28.0	49.0	33.0
28.6	16.6	36.0	25.0	39.0	23.1	42.0	22.0	45.0	28.0	47.0	27.8	49.0	31.6
29.0	16.0	36.0	24.0	39.0	22.0	42.0	31.8	45.0	27.0	47.0	27.0	50.0	38.0
30.0	18.0	36.0	23.6	39.0	21.0	43.0	23.0	46.0	23.0	47.5	27.5	50.0	37.5
31.0	20.0	36.0	23.0	40.0	29.0	44.0	34.0	46.0	20.0	47.5	36.0	50.0	37.0
31.8	20.8	37.0	22.8	40.0	28.5	44.0	33.8	46.0	36.0	47.5	33.8	50.0	36.0
31.8	20.0	37.0	22.0	40.0	28.0	44.0	33.5	46.0	35.0	47.5	33.0	50.0	35.0
32.0	20.0	37.0	21.0	40.0	27.6	44.0	33.0	46.0	34.0	48.0	28.0	50.0	34.0
32.5	24.0	38.0	17.0	40.0	26.0	44.0	32.5	46.0	33.8	48.0	27.0	50.0	33.8
34.9	27.2	38.0	27.0	40.0	25.0	44.0	32.0	46.0	32.5	48.0	26.0	50.0	33.4
34.9	27.0	38.0	26.0	40.0	23.1	44.0	30.0	46.0	32.0	48.0	37.0	50.0★	33.0★

★ In Stock Item

Note: Contact us for availability and lengths

7005 Hollow Bar Stock Options (continued)


OD	ID	OD	ID	OD	ID	OD	ID	OD	ID	OD	ID	OD	ID
50.0	32.0	51.0	27.0	56.0	39.2	58.0	35.0	61.0	44.0	65.0	47.0	71.0	51.0
50.0	31.0	51.0	20.0	56.0	36.0	59.0	48.0	61.0	43.0	66.0	42.0	71.0	32.0
50.0	30.0	52.0	32.0	56.0	35.0	59.0	41.0	61.0	42.0	66.0	41.0	72.0	33.7
50.0	29.5	52.0	42.0	56.0	33.0	59.0	38.0	62.0	50.0	66.0	53.0	72.0	58.9
50.0	25.0	52.0	40.0	57.0	45.5	59.0	37.0	62.0★	37.0★	66.0	49.0	72.0	57.0
50.0	23.0	52.0	38.0	57.0	44.0	59.0	35.0	63.0	45.0	66.0	47.0	72.0	56.0
50.0	22.0	52.0	37.0	57.0	43.0	60.0	49.0	63.0	44.7	66.5	42.0	73.0	60.0
50.0	21.0	52.0	35.0	57.0	42.5	60.0	48.5	64.0	53.0	67.0	41.0	75.0	50.0
50.8	38.1	52.0	34.0	57.0	42.0	60.0	48.2	64.0	47.0	67.0	36.0	76.0	62.0
50.8	37.6	52.0	33.0	57.0	40.0	60.0	48.0	64.0	45.0	67.0	55.0	78.0	49.0
50.8	37.0	52.5	38.0	57.0	39.0	60.0	47.0	64.0	43.0	67.0	53.0	78.0	33.0
50.8	36.0	53.0	43.0	57.0	36.0	60.0	46.4	64.0	39.0	68.0	41.0	78.0	61.0
50.8	35.0	53.0	40.6	57.0	35.0	60.0	45.9	64.0	36.4	68.0	58.0	80.0	58.0
50.8	34.0	53.0	40.0	57.0	34.0	60.0	45.0	64.0	35.6	68.0	51.0	80.0	49.0
50.8	33.5	53.0	38.0	57.0	33.0	60.0	43.0	64.0	34.0	69.0	49.0	80.0	66.0
50.8	28.0	53.0	36.0	57.0	32.0	60.0	40.0	64.0	33.0	70.0	49.0	90.0	78.0
50.8	23.0	53.0	34.0	57.0	30.0	60.0	36.0	64.5	42.0	70.0	48.0	98.0	86.0
50.8	39.0	53.0	33.0	57.5	47.6	60.0	35.0	64.5	29.5	70.0	47.2	99.8	86.8
50.8	32.0	53.0	32.0	57.5	43.0	60.0	34.0	64.5	48.0	70.0	43.0	130.0	124.0
51.0	41.0	54.0	30.0	57.5	42.0	60.0	33.4	65.0	41.0	70.0	42.0		
51.0	40.0	54.0	24.0	57.5	40.0	60.0	33.0	65.0	40.5	70.0	41.6		
51.0	38.0	54.0	43.0	57.5	34.0	60.0	32.0	65.0	38.0	70.0	39.0		
51.0	37.6	54.0	41.6	58.0	47.0	60.0	25.0	65.0	37.0	70.0	38.0		
51.0	37.0	54.0	40.0	58.0	46.0	60.5	49.4	65.0	54.0	70.0	33.0		
51.0	36.0	54.0	38.0	58.0	44.6	61.0	49.0	65.0	53.0	70.0	58.0		
51.0	35.0	55.0	35.0	58.0	43.0	61.0	48.6	65.0	51.4	70.0	56.8		
51.0	34.0	55.0	33.4	58.0	42.0	61.0	48.5	65.0	50.5	70.0	56.0		
51.0	33.0	55.0	33.0	58.0	41.0	61.0	47.6	65.0	50.0	70.0	54.0		
51.0	29.0	55.0	32.0	58.0	40.0	61.0	47.0	65.0	48.0	70.0	53.0		
51.0	28.0	56.0	45.0	58.0	39.0	61.0	46.0	65.0	47.5	70.0	52.0		

★ In Stock Item


Note: Contact us for availability and lengths

Frame Head Tube & Bottom Bracket

Head Tube Stock (Drawn Over Mandrel)

	7005 Aluminum			6061 Aluminum			4130 Chromoly		
	OD	ID	Length	OD	ID	Length	OD	ID	Length
	35.0★	29.8	1000	35.0	29.8	1000	33.0★	30.0	3000
	38.1★	33.5	1000	38.1	33.5	1000	36.4★	34.0	1000
	41.3★	33.5	1000	41.3	33.0	1000	40.0	34.0	1000
	44.1★	33.0	1000	50.8	43.5	1000	47.0★	43.8	1000
	50.8★	33.0	700						
50.8★	43.5	1200							

Bottom Bracket Shell (English Thread)

	7005 Aluminum			6061 Aluminum			4130 Chromoly		
	OD	ID	Length	OD	ID	Length	OD	ID	Length
	41.0★	34.0	68	41.0★	34.0	68	38.0★	34.0	68
	41.0★	34.0	73	41.0	34.0	73	38.0★	34.0	73
	41.0	34.0	100	44.0	34.0	68	38.0	34.0	83
	44.0★	34.0	68	44.0★	34.0	73	38.0★	34.0	100
	44.0★	34.0	73						
44.0★	34.0	83							



Taper Headtube
(AL7HT-TAPER-131)



44mm Headtube
(REY-DX5412)



PF30 BB Shell
(AL7BB-PF30-68)



4100mm BB Shell
(CMBB38/34-100)

★ In Stock Item

Note: Contact us for other options or special ordering.

Aluminum Frame and Fork Dropouts



LK-1190



LK7-RZ167



LK7-8185



LK7-8100G
(Adjustable Angle)



LK7-8049
(Angle: 50°)



LK7-8000Z
(Angle: 53°, 61°, 64°, 67°)



LK7-8137
(Angle: 67°)



LK7-RE80-60
(Angle: 60°)



LK7-8033



LK-184



LK-C60-43
(interchangeable insert)



LK-C60-42
(interchangeable insert)

Note: Contact us for 6061/7005 availability or other options

4130-Chromoly Frame and Fork Dropouts



LK-1013
(Angle: 54°)



LK-C01



LK-C40-43
(interchangeable insert)



LK-C40-42
(interchangeable insert)



LK-D26
(13.8 plug)



LK-D11
(15.9 plug)



LK-LE06-1
(16.2 plug)



LK-LE26
(14.5 plug)

Note: Contact us for availability or other options

Frame & Fork Fittings

Aluminum Seat Clamp



JD-209C



JD-081-31.8BK



JD-081-34.9BK



AL6-AC05-25.4BK



AL6-CL02-31.8BK



AL6-CL02P-28.6



JD-081-34.9SL



JD-081-31.8SL



AL6-CL02-31.8SL



AL6-CL02-25.4SL



JD-094-31.8SL

Aluminum Single-Cable Guide



AL-05



AL-74A



AL-101 w/clip



AL-104GY



AL6-142 w/ bushing



SP-102-2 (nylon)



AL7-202G



AL-125E-095E



AL-800-000G



SP-149-095G (nylon)

Note: Contact us for 6061 & 7005 availability

Aluminum Single-Cable Stop



AL7-62/AL6/62



AL6-611



AL6-63



AL7-51/AL6-51



AL6-104Y-BL



AL6-104Y-SL



AL6-07-095



AL7-202S



SP-211-149S (nylon)

Aluminum Double-Cable Guides & Stop



AL6-68



AL6-64R



AL6-64F



AL-76



AL-102 w/clip



AL7-201

Aluminum Triple-Cable Guides & Stop



AL-24



AL-103 w/clip



AL-613-005F/R w/clip



AL7-301

Note: Contact us for 6061 & 7005 availability

Aluminum Shifter Cable Stop



AL-6-021-195
(Including spring & screw)



AL6-091-195



AL-402-210



AL-614-134E-BL



AL-614-134



AL7-129



AL7-129-0



AL-129HS



AL7-136A

Aluminum Front Derailleur Hanger



SA66-2



SA66-0



SA7-66



AL-111C-160



AL-480-175

Aluminum Brake Bridge & Fork-Crown Insert



SA7-70-77



AL6-024-396

Note: Contact us for 6061 & 7005 availability

Steel Cable Guide



CM-101 w/ clip



A9



A12



A11



T-08-1



E4

Steel Cable Stop



C16-0



C16



C15-0



C17



C18

Aluminum & Steel Carrier Nut



AL7-41



C-41



C-41-6

BB Cable Guide



YF007 (nylon)



YF-007-2 (nylon)

Aluminum Brake Boss (post sold separately)



AL6-61 / AL7-61



AL7-61-0



AL6-60B



AL-30-3

Brake Post



PV61 (M10 Pitch 1.0)



PV21 (M10 Pitch 1.25)

Note: Contact us for updated availability

Steel Brake Pivot



CS-01



PV-06-0



PV555/PV555-1913



PV12-31.8

Steel Seat Binder



S-01SB

Disc Brake Mount



AL7-001-504



CM-E53



CM-E51 ($\phi 14\text{mm}$ or $\phi 16\text{mm}$)

Aluminum Frame Gusset



AL-80-2



AL-80

Frame and Fork Dropout Protectors



FP-105-135
(135-155mm)



FP-07-100
(100-120mm)



FP-120-130
(120-130mm)

BMX Gyro Tabs



A-41011R198

Note: Contact us for updated availability

Imperial and Metric Conversion Chart

Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm
1/64	0.02	0.40	41/64	0.64	16.26	1 17/64	1.27	32.15	1 57/64	1.89	48.02	2 33/64	2.52	63.90
1/32	0.03	0.80	21/32	0.66	16.76	1 9/32	1.28	32.54	1 29/32	1.91	48.42	2 17/32	2.53	64.29
3/64	0.05	1.19	43/64	0.67	17.02	1 19/64	1.30	32.94	1 59/64	1.92	48.82	2 35/64	2.55	64.69
1/16	0.06	1.59	11/16	0.69	17.53	1 5/16	1.31	33.34	1 15/16	1.94	49.21	2 9/16	2.56	65.09
5/64	0.08	1.98	45/64	0.70	17.78	1 21/64	1.33	33.73	1 61/64	1.95	49.61	2 37/64	2.58	65.48
3/32	0.09	2.38	23/32	0.72	18.29	1 11/32	1.34	34.13	1 31/32	1.97	50.01	2 19/32	2.59	65.88
7/64	0.11	2.78	47/64	0.73	18.54	1 23/64	1.36	34.53	1 63/64	1.98	50.40	2 39/64	2.61	66.28
1/8	0.13	3.18	3/4	0.75	19.05	1 3/8	1.38	34.93	2	2.00	50.80	2 5/8	2.63	66.68
9/64	0.14	3.57	49/64	0.77	19.56	1 25/64	1.39	35.32	2 1/64	2.02	51.20	2 41/64	2.64	67.07
5/32	0.16	3.97	25/32	0.78	19.81	1 13/32	1.41	35.72	2 1/32	2.03	51.59	2 21/32	2.66	67.47
11/64	0.17	4.37	51/64	0.80	20.32	1 27/64	1.42	36.12	2 3/64	2.05	51.99	2 43/64	2.67	67.87
3/16	0.19	4.76	13/16	0.81	20.57	1 7/16	1.44	36.51	2 1/16	2.06	52.39	2 11/16	2.69	68.26
13/64	0.20	5.16	53/64	0.83	21.08	1 29/64	1.45	36.91	2 5/64	2.08	52.78	2 45/64	2.70	68.66
7/32	0.22	5.56	27/32	0.84	21.34	1 15/32	1.47	37.31	2 3/32	2.09	53.18	2 23/32	2.72	69.06
15/64	0.23	5.95	55/64	0.86	21.84	1 31/64	1.48	37.70	2 7/64	2.11	53.58	2 47/64	2.73	69.45
1/4	0.25	6.35	7/8	0.88	22.35	1 1/2	1.50	38.10	2 1/8	2.13	53.98	2 3/4	2.75	69.85
17/64	0.27	6.75	57/64	0.89	22.61	1 33/64	1.52	38.50	2 9/64	2.14	54.37	2 49/64	2.77	70.25
9/32	0.28	7.14	29/32	0.91	23.11	1 17/32	1.53	38.89	2 5/32	2.16	54.77	2 25/32	2.78	70.64
19/64	0.30	7.54	59/64	0.93	23.62	1 35/64	1.55	39.29	2 11/64	2.17	55.17	2 51/64	2.80	71.04
5/16	0.31	7.94	15/16	0.94	23.88	1 9/16	1.56	39.69	2 3/16	2.19	55.56	2 13/16	2.81	71.44
21/64	0.33	8.33	61/64	0.95	24.13	1 37/64	1.58	40.08	2 13/64	2.20	55.96	2 53/64	2.83	71.83
11/32	0.34	8.73	31/32	0.97	24.64	1 19/32	1.59	40.48	2 7/32	2.22	56.36	2 27/32	2.84	72.23
23/64	0.36	9.13	63/64	0.98	24.89	1 39/64	1.61	40.88	2 15/64	2.23	56.75	2 55/64	2.86	72.63
3/8	0.38	9.53	1	1.00	25.40	1 5/8	1.63	41.28	2 1/4	2.25	57.15	2 7/8	2.88	73.03
25/64	0.39	9.92	1 1/64	1.02	25.80	1 41/64	1.64	41.67	2 17/64	2.27	57.55	2 57/64	2.89	73.42
13/32	0.41	10.32	1 1/32	1.03	26.19	1 21/32	1.66	42.07	2 9/32	2.28	57.94	2 29/32	2.91	73.82
27/64	0.42	10.72	1 3/64	1.05	26.59	1 43/64	1.67	42.47	2 19/64	2.30	58.34	2 59/64	2.92	74.22
7/16	0.44	11.11	1 1/16	1.06	26.99	1 11/16	1.69	42.86	2 5/16	2.31	58.74	2 15/16	2.94	74.61
29/64	0.45	11.51	1 5/64	1.08	27.38	1 45/64	1.70	43.26	2 21/64	2.33	59.13	2 61/64	2.95	75.01
15/32	0.47	11.91	1 3/32	1.09	27.78	1 23/32	1.72	43.66	2 11/32	2.34	59.53	2 31/32	2.97	75.41
31/64	0.48	12.30	1 7/64	1.11	28.18	1 47/64	1.73	44.05	2 23/64	2.36	59.93	2 63/64	2.98	75.80
1/2	0.50	12.70	1 1/8	1.13	28.58	1 3/4	1.75	44.45	2 3/8	2.38	60.33	3	3.00	76.20
33/64	0.52	13.10	1 9/64	1.14	28.97	1 49/64	1.77	44.85	2 25/64	2.39	60.72	3 1/64	3.02	76.71
17/32	0.53	13.49	1 5/32	1.16	29.37	1 25/32	1.78	45.24	2 13/32	2.41	61.12	3 1/32	3.03	76.96
35/64	0.55	13.89	1 11/64	1.17	29.77	1 51/64	1.80	45.64	2 27/64	2.42	61.52	3 3/64	3.05	77.47
9/16	0.56	14.29	1 3/16	1.19	30.16	1 13/16	1.81	46.04	2 7/16	2.44	61.91	3 1/16	3.06	77.72
37/64	0.58	14.68	1 13/64	1.20	30.56	1 53/64	1.83	46.43	2 29/64	2.45	62.31	3 5/64	3.08	78.23
19/32	0.59	15.08	1 7/32	1.22	30.96	1 27/32	1.84	46.83	2 15/32	2.47	62.71	3 3/32	3.09	78.48
39/64	0.61	15.48	1 15/64	1.23	31.35	1 55/64	1.86	47.23	2 31/64	2.48	63.10	3 7/64	3.11	78.99
5/8	0.63	15.88	1 1/4	1.25	31.75	1 7/8	1.88	47.63	2 1/2	2.50	63.50	3 1/8	3.13	79.50

