Reynolds Technology Ltd

Standard cycle parts list January 2010

Reynolds can manufacture butted / tapered tubes to customers own designs
The range of tubes currently held in stock for delivery in small quantities is highlighted
Other items are available subject to minium order volumes and standard lead times
Contact Reynolds for non cycle tube applications

Full gossary of terms on last page

Reynolds 953

953 frame tubes

Part	UK Stock item	Diameter	Gauge	Length	Notes butt profile
SS3900		25.4	0.5/0.3/0.5	600	40.40.380.40.100
SS4000		28.6	0.5/0.3/0.5	600	40.40.380.40.100
SS4010		28.6	0.5/0.3/0.5	600	75.50.280.50.145
SS4020		28.6	0.55/0.35/0.55	625	120.50.320.50.85
SS4070		28.6	0.6/0.4	635	125.75.435
SS4100		31.75	0.55/0.35/0.55	635	40.40.400.40.130
SS4110		31.75	0.6/0.4/0.6	650	40.40.400.40.130
SS4120		31.75	0.6/0.4/0.6	650	120.50.300.50.130
SS4130		31.75	0.55/0.35/0.55	650	120.50.300.50.130
SS4136		31.35	0.7/0.4/0.7	550	80.50.200.50.170
SS4141		31.35	0.7/0.4/0.7	635	100.50.200.50.235
SS4712		31.35/27.2 id	0.7/0.4/0.7	550	seat tube from SS4136
SS4713		31.35/27.2 id	0.7/0.4/0.7	635	seat tube from SS4141
SS4200		34.9	0.55/0.35/0.55	680	40.40.420.40.140
SS4210		34.9	0.6/0.4/0.6	680	40.40.420.40.140
SS4220		34.9	0.6/0.4/0.6	680	120.30.320.30.180
SS4230		34.9	0.65/0.45/0.65	680	120.30.320.30.180
SS4240		34.9	0.7/0.5/0.7	680	120.30.320.30.180
SS4300		36.4	0.6/0.45/0.6	685	120.50.300.50.165
SS4301		36.4	.85/.55/.85	680	120.50.300.50.160

SS4310	37.3	0.65/0.5/0.65	685	120.50.300.50.165
	Shaped Tubing			BASED ON PART
SS4710	34.9->31.7	swaged 34.9mm	680	SS4220
SS4720	Teardrop 34.9	full length	680	SS4220
SS4730	31.7 OVAL	full length 35/26	635	SS4100
SS4732	31.7 Bi-Oval	90 degree opposed oval	650	SS4120
SS4740	34.9 OVAL	full length 40/30	680	SS4210
SS4742	34.9 Bi-Oval	90 degree opposed oval	680	SS4210
	chainstay in 953 - butted			
FS4540	17.25/29.3 oval	0.5	420	taper to 15mm
FS4520	17.25/29.3 oval	0.7/0.5	410	taper to 15mm tip
FS4522	22.2	0.7	440	taper to 15mm tip cranked 10 deg
	Head tube in 953			
HS4430	31.7	0.7	200	
HS4440	31.7	0.7	600	
HS4452	36.2	1.1	200	
HS4453	36.2	1.1	600	
	SEATSTAYS IN 953 (not aged)			
GS4650	19.05	0.55	580	D/taper to 13mm tip
GS4652	19.05	0.55	580	S/taper to 13mm tip
GS4670	16	0.7	580	S/taper to 13mm tip
GS4671	16	0.7	580	D/taper to 13mm tip

FRAME FITTINGS

LS110	BB Shell	OD 38.1mm, thread 24TPI, 68mm w	EA 901
LS185	Rear Dropouts(PR)	universal style	901
LS200	Cable guides	EA	EA 316L
LS210	STI bosses	set of 2	SET OF 2 316L
LS220	Campy bosses	set of 2	SET OF 2 316L
LS250	Brake bridge	Standard allen key fit	EA 304
LS260	Seat clamp	for 28.6mm OD	EA 304
LS265	Seat clamp	for 31.7mm OD	EA 304
SSWW17-1	weld wire	1.2mm dia 17/4 grade x 910mm	EA 901
SSTH1	lug top head	73 deg	EA 304
SSBH1	lug Down lug	60 deg	EA 304
SSSL1	lug seat lug	74 deg	EA 304
SSBB1	lug BB shell	oval chainstay port	EA 304

Reynolds 853 PROTEAM series

Round top/down tubes

AX2000	X	25.4	0.6/0.4/0.6	600	100.50.300.50.100
BX2058		28.6	0.6/0.45/0.6	650	75.50.330.50.145
BX2056	X	28.6	.65/.45/.65	635	40.40.380.40.135
BX2103	X	31.75	.65/.45/.65	650	100.50.335.50.115
BX2117	X	31.75	0.7/0.5/0.7	650	40.40.400.40.130
BX2152		34.9	0.7/0.5/0.7	650	40.40.420.40.110
BX2156	X	34.9	0.8/0.5/0.8	680	120.30.320.30.180
BX2162	X	37.3	0.8/0.5/0.8	650	120.50.300.50.130

seat tubes

CX2210	28.6	0.8/0.4/0.6	635	180.50.230.50.140.-27.2 pillar
BX2185	31.7 tt 27.2 id	0.8/0.55	680	125.75.435

Reynolds 853

Frame tubes

AX2005		25.4	0.7/0.4/0.7	600	75.50.280.50.145
AX2006		25.4	0.7/0.4/0.7	530	100.50.200.50.130
BX2050	X	28.6	0.75/0.45/0.75	635	75.50.280.50.180
BX2050L		28.6	0.75/0.45/0.75	680	75.50.280.50.225
BX2055		28.6	0.7/0.5/0.7	600	40.50.350.50.110
BX2060	X	28.6	0.8/0.5/0.8	635	100.50.300.50.135
BX2063		28.6	0.9/0.6/0.9	565	85.50.230.50.150
BX2061		28.6	0.9/0.6/0.9	635	100.50.300.50.135
BX2105		31.75	0.7/0.5/0.7	635	75.50.280.50.180
BX2100		31.75	0.7/0.5/0.7	635	40.50.350.50.145
BX2106		31.75	0.7/0.5/0.7	680	75.50.280.50.225
BX2104		31.75	0.8/0.5/0.7	571	120.50.210.50.141
CX2111		31.75	0.8/0.5/0.8	565	75.50.200.50.190
BX2110L	X	31.75	0.8/0.5/0.8	680	120.50.300.50.160
BX2110		31.75	0.8/0.5/0.8	635	120.50.300.50.115

BX2125L		31.75	0.9/0.6/0.9	680	120.50.300.50.160
BX2113		31.75	0.9/0.6/0.9	730	120.50.300.50.210
BX2126		31.75	1.0/0.7/1.0	635	120.50.300.50.115
BX2155		34.9	0.8/0.5/0.8	635	120.30.320.30.135
BX2157		34.9	0.8/0.5/0.8	700	120.50.300.50.180
BX2150		34.9	0.9/0.6/0.9	635	120.30.320.30.135
BX2151	X	34.9	0.9/0.6/0.9	680	120.30.320.30.180
BX2153		34.9	0.9/0.6/0.9	730	120.50.300.50.210
BX2159		34.9	1.0/0.7/1.0	720	120.50.300.50.200
BX2158		34.9	1.2/0.7/1.2	560	190.50.80.50.190
BX2160	X	37.3	0.9/0.6/0.9	635	120.50.300.50.115
BX2161		37.3	0.9/0.6/0.9	680	120.50.295.50.165
BX1105		37.3	1.0/0.7/1.0	484	82.50.220.50.82
BX1101		37.3	1.0/0.6/1.0	550	78.50.295.50.77
BX1100		37.3	1.0/0.6/1.0	590	98.50.295.50.98
BX1103		37.3	1.0/0.7/1.0	670	98.50.295.50.177
BX1102		37.3	1.1/0.8/1.1	550	78.50.295.50.77
BX1106		37.3	1.1/0.8/1.1	680	98.50.295.50.187
		seat tubes			
CX2201	X	28.6	0.7/0.5	635	125.75.435
CX2202		28.6	0.8/0.55	635	125.75.435
CX2203		28.6	1.0/0.7	680	125.75.480
CX2215	X	28.6	0.7/0.5	686	50.65.560, bulge at 0.7 to 30mm od
CX2206		28.6	1.2/0.9	410	125.75.210
CX2205		29.6	1.2/0.9	340	125.75.140
CX2290		31.75	0.9/0.7	635	125.75.435
CX2216		28.6	0.8/0.6/1.0	650	115.35.340.45.115 bulge 27.2
CX2361	X	28.6	0.9/0.6/1.2	400	150.80.60.50.60 bulge 27.2
CX2362	X	28.6	0.9/0.6/1.2	450	125.80.95.50.100 bulge 27.2
CX2363	X	28.6	0.9/0.6/1.2	550	170.50.155.75.100 bulge 27.2
CX2364	X	28.6	0.9/0.6/1.2	650	190.50.260.50.100 bulge 27.2
CX2280		31.75	0.9/0.6/1.2	550	180.50.150.50.120 -bulge 30.0
CX2285		31.75	0.9/0.6/1.2	410	125.50.95.50.90 bulge 30.0mm
		Shaped tubes			
BX2700		34/28	0.7/0.5/0.7	635	full oval
BX2705	X	30/40	0.8/0.5/0.8	635	full oval
BX2706	X	22/40 flat oval	0.7/0.5/0.7	650	full oval
BX2709		34/28 oval	0.7/0.5/0.7	650	full oval
BX2802		30/40	0.8/0.5/0.8	680	opposed oval
BX2805		34/28	0.7/0.5/0.7	635	opposed oval
BX2900		34/28	0.7/0.5/0.7	635	taper oval
BX2905	X	30/40	0.8/0.5/0.8	635	taper oval
AX2605	X	44/32 teardrop	0.9/0.6/0.9	635	120.50.300.50.115

Reynolds can offer many of the standard range of 853 tubes with oval or tapered

NEW - 853 DZB frame tubes

This latest development in butting design will be available Feb 2010, in 34.9 and 31.75mm dia The unique change in thickness of the tubes at one end will aid the gusset less design of many frames. Please refer to Reynolds for more information.

		Head tubes			
DX2300	X	31.75	0.9	220	
DX2320	X	32.5	1.25	200	
DX2340	X	36.4	1.2	200	
		853 seatstays & chainstays			
FX3521	X	22.2	.9/.6	410	cranked 12 deg
FX3550	X	22.2	.8/.6	420	cranked 12 deg
GX3615	X	16	0.55	575	11mm tip, 14mm top, oval centre

Reynolds 725

		Frame tubes			
AG101	X	25.4	0.8/0.5/0.8	600	85.40.330.40.105
AG208	X	28.6	0.7/0.4/0.7	680	130.30.350.30.140
AG206	X	28.6	0.8/0.5/0.8	635	130.30.350.30.95
AG304	X	31.75	0.8/0.5/0.8	635	130.30.350.30.95
AG504	X	34.9	0.8/0.5/0.8	680	130.40.330.40.140
AG401	X	28.6	0.9/0.6	635	85.50.500
AG455	X	28.6	0.9/0.6/1.2	550	95.25.300.30.100(Bulge)
AG457	X	28.6	0.9/0.6/1.2	635	85.25.395.30.100 (bulge)
		Section			
AG2601	X	50 x 32	0.8/0.5/0.8	650	teardrop
		Head tubes			
DG151	X	31.75	0.9	220	
DG153	X	31.75	0.9	635	
DG155	X	32.5	1.25	200	
DG155L	X	32.5	1.25	635	
DG159	X	36.4	1.2	200	
DG159L	X	36.4	1.2	600	

DG156	X	37	1.5	200	
		Chainstay			
FX2500	X	22.2	0.8/0.6	410	R.O.R
FX2510	X	17.5 x 29 oval	0.9/0.6	410	oval
FX2521		17 x 30 oval	0.9/0.6	430	oval - 15.75 tip
FX2550		22.2	0.8/0.6	420	R.O.R bent 12 deg
FX2560	X	17 x 27 oval	0.8/0.6	420	oval, bent 12 deg
FX2570	X	24	0.9/0.6	410	round, cranked 12 deg
FX2576	X	20 x 31 oval	0.8/0.5	420	straight
		Seatstay			
GX2620	X	14	0.6	620	s/taper
GX2619		14	0.6	575	d/taper
GX2600	X	16	0.6	570	d/taper
GX2610	X	16	0.6	570	s/taper
GX2650	X	16	0.7	580	s/taper
GX2670	X	18	0.8	500	d/taper
GX2672		18	0.8	625	s/taper
GX2660	X	19	0.7	580	s/taper
GX2655	X	17 x 14 oval	0.6	570	oval, s/taper
GX2700		19	0.7	580	s/taper bent 10 deg

Reynolds can offer a range of "S" bend seat and chainstays to customers drawings, subject to minimum order volumes

Reynolds 631

		Frame tubes			
AX5000	X	25.4	0.8/0.5/0.8	600	100.50.300.50.100
BX5046		26	1.0/0.7/1.0	600	75.50.280.50.145
BX5047		28	1.0/0.7/1.0	635	75.50.280.50.180
BX5058		28.6	0.7/0.4/0.7	566	85.50.230.50.150
BX5049	X	28.6	0.75/.45/.75	635	75.50.280.50.180
BX5048		28.6	0.8/0.5/0.8	566	85.50.230.50.150
BX5050	X	28.6	0.8/0.5/0.8	635	100.50.300.50.135
BX5053	X	28.6	0.9/0.6/0.9	635	75.50.280.50.180
BX5054		28.6	0.9/0.6/0.9	565	85.50.230.50.150
BX5055		28.6	1.0/0.7/1.0	645	75.50.280.50.190

BX5129		31.75	0.8/0.5/0.7	563	120.50.210.50.135
BX5128	X	31.75	0.8/0.5/0.8	635	120.50.300.50.115
BX5124		31.75	0.8/0.5/0.8	680	120.50.300.50.160
BX5127		31.75	0.9/0.6/0.9	550	75.50.280.50.95
BX5125	X	31.75	0.9/0.6/0.9	635	120.50.300.50.115
BX5125L		31.75	0.9/0.6/0.9	680	120.50.300.50.160
BX5126		31.75	1.0/0.7/1.0	635	75.50.280.50.180
BX5178		34.9	0.7/0.5/0.7	650	40.40.420.40.110
BX5173	X	34.9	0.8/0.5/0.8	680	120.50.300.50.160
BX5173L		34.9	0.8/0.5/0.8	700	120.50.300.50.180
BX5174		34.9	0.9/0.6/0.9	680	120.30.320.30.180
BX5175	X	34.9	0.9/0.6/0.9	635	120.30.320.30.135
BX5179		34.9	0.9/0.6/0.9	714	120.50.320.30.214
BX5177		34.9	1.0/0.7/1.0	680	120.30.320.30.180
BX5190	X	37.3	0.9/0.6/0.9	635	120.50.295.50.120
BX5191		37.3	0.9/0.6/0.9	680	120.50.295.50.165
CX5201		28	1.0/0.7	635	125.75.435
CX5200	X	28.6	0.8/0.55	635	120.75.435
CX5202		28.6	1.0/0.7	635	125/75/435
CX5206		31.75	1.0/0.7	660	125.75.469
CX5207		28.6	0.9/0.5/0.7	550	130.50.230.50.90
CX5208		28.6	0.9/0.5/0.7	650	180.50.230.50.140
CX5361	X	28.6	0.9/0.6/1.2	400	150.80.60.50.60 bulge 27.2
CX5362	X	28.6	0.9/0.6/1.2	450	125.80.95.50.100 bulge 27.2
CX5363	X	28.6	0.9/0.6/1.2	550	170.50.155.75.100 bulge 27.2
CX5364	X	28.6	0.9/0.6/1.2	650	190.50.260.50.100 bulge 27.2
		Sections			
AX5605	X	44/32	0.9/0.6/0.9	635	teardrop
		631 Head Tubes			
DX5320	X	32.5	1.25	200	
DX5340	X	36.4	1.2	200	

631 SEAT/CHAIN STAYS, Please check as there will be some availability from stock

Reynolds 525

525 when manufactiured in our Taiwan partners factory is branded 520

		Frame tubes			
AF101	X	25.4	0.8/0.6/0.8	600	85.40.330.40.105
AF208	X	28.6	0.7/0.4/0.7	680	130.30.350.30.140

AF304	X	31.75	0.8/0.5/0.8	635	130.30.350.30.95
AF506	X	34.9	0.8/0.5/0.8	680	130.40.330.40.140
AF401	X	28.6	0.9/0.6	635	85.50.500
AF455	X	28.6	0.9/0.6/1.2	550	95.25.300.30.100(Bulge)
AF457	X	28.6	0.9/0.6/0.9	635	85.25.395.30.100 (bulge)
		Shaped			
AF2601	X	50 x 32	0.8/05/0.8	650	teardrop
AF2604	X	50 x 32	0.9	635	teardrop
		Head tubes			
DC151	X	31.75	0.9	220	
DC153	X	31.75	0.9	635	
DC155	X	32.5	1.25	200	
DC155L	X	32.5	1.25	600	
DC159	X	36.4	1.2	200	
DC159L	X	36.4	1.2	600	
DC156	X	37	1.5	200	
		Chainstays			
FC1500	X	22.2	0.8/0.6	410	R.O.R
FC1510	X	17 x 29 oval	0.8/0.6	410	oval
FC1550		22.2	0.8/0.6	420	single bend 12 deg
FC1565	X	17 x 27 oval	0.8/0.6	420	oval - bent 12 deg
FS1001		33 x 23 oval	0.9/0.6	440	straight
FB584	X	22.2	1.2	440	R.O.R
		Seatstays			
GC1625		14	0.6	600	d/taper
GC1620	X	14	0.6	620	s/taper
GC1600	X	16	0.6	560	d/taper
GC1610	X	16	0.6	560	s/taper
GC1650	X	16	0.7	580	s/taper
GC1655		16	0.7	580	d/taper
GC1670	X	16	0.9	600	s/taper
GC1660	X	19	0.7	580	s/taper
GC1661		19	0.7	580	d/taper
		Tandem base			
KC120	X	50 x 25 oval	0.9	760	tandem base tube
KC111	X	38.1	0.9	760	tandem base tube

Steering tubes

		CrMo Steerer			
HB102	X	25.4	2.3/1.6	240	threaded 24 tpi
HB103	X	25.4	2.3/1.6	300	threaded 24 tpi

HB113	X	25.4	2.3/1.6	300	no thread
HB104	X	25.4	2.3/1.6	400	threaded 24 tpi
HB114	X	25.4	2.3/1.6	400	no thread
HB130	X	25.4	2.9/1.6	250	threaded 24 tpi
HB145	X	28.6	2.3/1.6	300	no thread

Reynolds 631 fork blades

EX5708	27.5 x 20 oval	1.0/0.6	370	Straight
EX5716	27.5 x 20 oval	1.0/0.6	370	bent rake 16 x 30mm (road)
EX5707	27.5 x 20 oval	1.0/0.6	370	bent rake 15 x 45mm (tour)
EX770	28.6	1.1/0.8	480	29er unicrown TT 21mm od
EX771	28.6	1.1/0.8	480	29er unicrown no taper

Reynolds 853 fork blades

EX2716	27.5 x 20 oval	1.0/0.6	370	bent rake 16 x 30mm (road)
EX2707	27.5 x 20 oval	1.0/0.6	370	bent rake 15 x 45mm (tour)

Reynolds "R" butted fork blades

EB475	X	29 x 16 oval	1.2/0.7	395	rake 15x45mm
EB465	X	29 x 16 oval	1.2/0.7	395	straight
EB708	X	27.5 X 20 oval	1.0/0.6	370	straight
EB716	X	27.5 x 20 oval	1.0/0.6	370	rake 16x30mm
EB720	X	27.5 X 20 oval	1.1/0.8	400	straight
EB711	X	27.5 x 20 oval	1.2/0.7	395	straight
EB713	X	27.5 x 20 oval	1.2/0.7	395	rake 15x45mm
EB763	X	28.6	1.2	388	unicrown 22 tip - oval leg

Reynolds can offer a unicrown road fork based on EB711 subject to minimum order volumes

Reynolds 3/2.5 seamless Titanium

Reynolds carry stocks, but please check availability before ordering

Frame tube

BT122	31.75	.95/.75/.96	625	75.50.280.50.170

BT125	31.75	.9/.7/.9	569	112.50.282.50.75 oval at 75mm butt
BT123	34.9	.9/.7/.9	650	120.50.300.50.130
BT128	36.4	.95/.75/.97	685	120.50.300.50.160
BT124	37.3	.9/.7/.9	680	85.50.390.50.110
BT145	41.2	.9/.7/.9	680	90.60.350.60.120
CT158	31.75 tt 27.2id	.95/.75/.98	625	75(swage).50.280.50.170
CT159	31.75	0.95/0.65	625	125.75.425
BT2701	oval 28x34	.9/.7/.9	625	75.50.280.50.170 oval full length
BT2702	oval 32x42	.9/.7/.9	680	165.50.300.50.121 oval full length

Chainstay

FT116	30/21 oval	0.9	410	straight
FT135	22.2	0.9	420	straight

Seatstay

GT127	16	0.8	575	single taper
GT123	19	0.7	570	double taper
GT142	19	0.7	570	single taper

Reynolds 531

Frame tubes

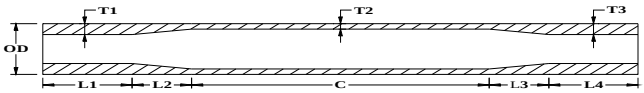
AB112	X	25.4	0.8/0.5/0.8	635	75.40.285.40.195
BB112	X	28.6	0.8/0.5/0.8	650	130.30.350.30.95
CB102	X	28.6	0.8/0.6	635	85.50.500

6061/7005 Aluminium

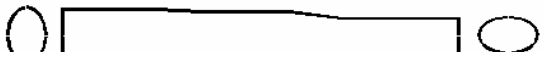
Reynolds can make available a range of aluminium tubes for cycle frame construction.
This small range covers both hydroformed and mechanically formed tubes to standard designs.
Tube to customers designs can be made available subject to minimum order volumes

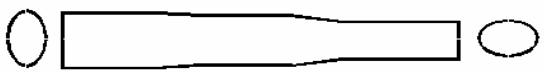
Glossary of terms

Double butted frame tubes



Opposed oval frame tubes



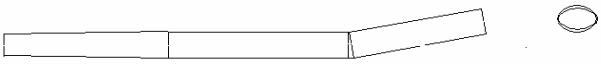


Teardrop frame tubes

Tapered frame tubes

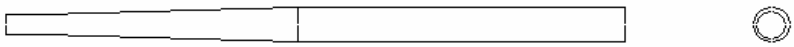
Oval chainstays & straight oval fork blades

Cranked (bent) / oval chainstays



Cranked (bent) / round chainstays

Single taper seatstays



Double taper seatstays

Standard fork rakes

r16 = 500mm rad

r15 = 245mm rad