



New Standard Power Transmission

**T_{aper}
B_{ore}** ***Sprockets***

QTL

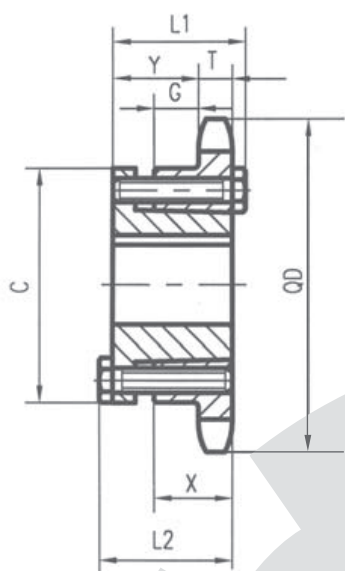
NSPT Complete series of "QTL" TB Sprockets and matching "QTL" bushes,
(Pitch from 3/8"-2 1/2", types of bushes from JA-S).



QTL TB Sprockets adopt commercial
ackage, which can be labeled under
he customers' names.



Complete series of QTL (JA-S) bushes are
all stocked items that can be supplied on-hand.

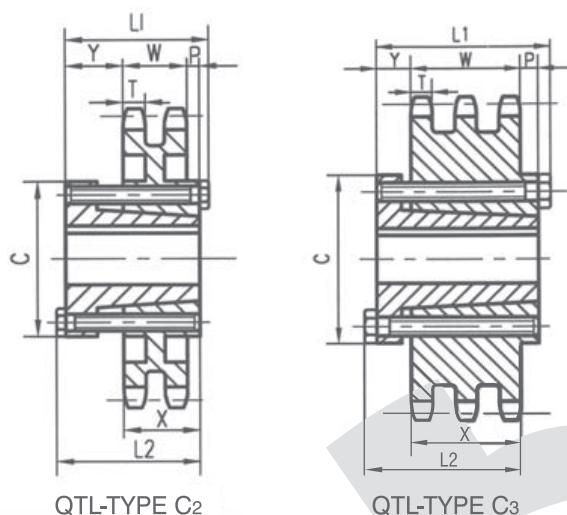


QTL-TYPE B1



35-1 FOR 3/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIAMETERS							WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	G	X	T	RIM ONLY	BUSH ONLY
19	QTL35JA19H	JA	2.470	2.278	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.18	0.28
20	QTL35JA20H	JA	2.590	2.397	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.22	0.32
21	QTL35JA21H	JA	2.710	2.516	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.24	0.34
22	QTL35JA22H	JA	2.830	2.635	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.26	0.36
23	QTL35JA23H	JA	2.950	2.754	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.26	0.38
24	QTL35JA24H	JA	3.070	2.873	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.28	0.40
25	QTL35JA25H	JA	3.190	2.992	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.30	0.44
26	QTL35JA26H	JA	3.310	3.111	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.34	0.46
27	QTL35JA27H	JA	3.430	3.230	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.36	0.48
28	QTL35JA28H	JA	3.550	3.349	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.38	0.52
30	QTL35JA30H	JA	3.790	3.588	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.42	0.56
32	QTL35JA32H	JA	4.030	3.826	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.46	0.78
35	QTL35JA35H	JA	4.390	4.183	B ₁	1 1/4	1 1/8	1 1/8	21/16	53/64	29/64	5/8	0.168	1.68	1.04
36	QTL35SH36H	SH	4.510	4.303	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	1.94	1.06
40	QTL35SH40H	SH	4.990	4.780	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	2.06	1.18
42	QTL35SH42H	SH	5.230	5.018	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	2.18	1.26
45	QTL35SH45H	SH	5.590	5.376	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	2.26	1.40
48	QTL35SH48H	SH	5.950	5.734	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	2.40	1.58
54	QTL35SH54H	SH	6.660	6.449	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	2.58	1.88
60	QTL35SH60H	SH	7.380	7.165	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	2.88	2.28
70	QTL35SH70	SH	8.580	8.358	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	3.28	2.94
72	QTL35SH72	SH	8.810	8.597	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	3.94	3.14
80	QTL35SH80	SH	9.770	9.552	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	4.14	3.68
84	QTL35SH84	SH	10.250	10.029	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	4.68	3.96
96	QTL35SH96	SH	11.680	11.461	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	6.38	5.38
112	QTL35SH112	SH	13.590	13.371	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	4 1/64	1 3/16	0.168	7.60	6.60

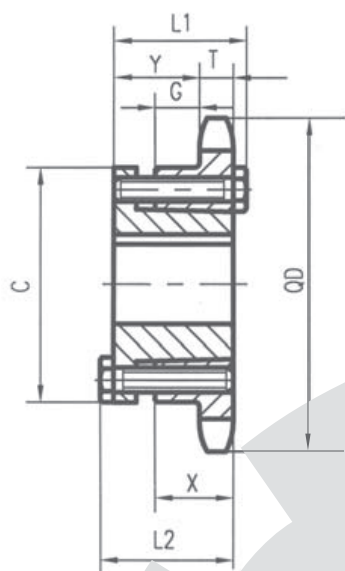


35-2 FOR 3/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	P	X	T	W	WITH HUB	RIM ONLY
68	2QTL35SDS68	SDS	8.340	8.120	C2	2	11/2	11/2	33/16	9/16	3/16	3/4	0.162	0.561	8.40	7.40
72	2QTL35SDS72	SDS	8.810	8.597	C2	2	11/2	11/2	33/16	9/16	3/16	3/4	0.162	0.561	9.29	8.28
76	2QTL35SDS76	SDS	9.290	9.074	C2	2	11/2	11/2	33/16	9/16	3/16	3/4	0.162	0.561	10.32	9.32
84	2QTL35SK84	SK	10.250	10.029	C2	25/8	21/8	21/8	37/8	5/8	11/16	11/4	0.162	0.561	13.94	11.94
95	2QTL35SK95	SK	11.560	11.342	C2	25/8	21/8	21/8	37/8	5/8	11/16	11/4	0.162	0.561	17.22	15.22
96	2QTL35SK96	SK	11.680	11.461	C2	25/8	21/8	21/8	37/8	5/8	11/16	11/4	0.162	0.561	17.74	15.74
102	2QTL35SK102	SK	12.400	12.177	C2	25/8	21/8	21/8	37/8	5/8	11/16	11/4	0.162	0.561	19.26	17.75

35-3 FOR 3/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	P	X	T	W	WITH HUB	RIM ONLY
68	3QTL35SK68	SK	8.340	8.120	C3	25/8	21/8	21/8	37/8	5/8	19/64	11/4	0.162	0.960	13.90	11.90
72	3QTL35SK72	SK	8.810	8.597	C3	25/8	21/8	21/8	37/8	5/8	19/64	11/4	0.162	0.960	15.56	13.56
76	3QTL35SK76	SK	9.290	9.074	C3	25/8	21/8	21/8	37/8	5/8	19/64	11/4	0.162	0.960	17.42	15.42
84	3QTL35SK84	SK	10.250	10.029	C3	25/8	21/8	21/8	37/8	5/8	19/64	11/4	0.162	0.960	20.92	18.92
95	3QTL35SK95	SK	11.560	11.342	C3	25/8	21/8	21/8	37/8	5/8	19/64	11/4	0.162	0.960	26.76	24.76
96	3QTL35SK96	SK	11.680	11.461	C3	25/8	21/8	21/8	37/8	5/8	19/64	11/4	0.162	0.960	27.58	25.58
102	3QTL35SK102	SK	12.400	12.177	C3	25/8	21/8	21/8	37/8	5/8	19/64	11/4	0.162	0.960	31.18	28.18

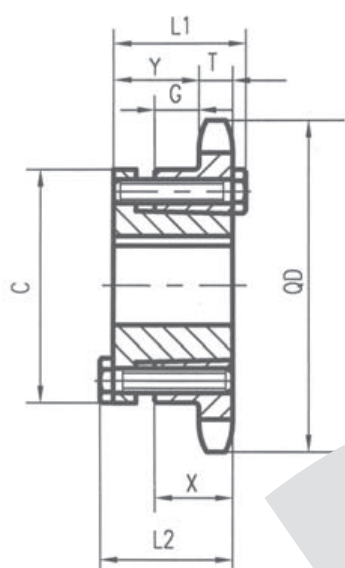


QTL-TYPE B1



41-1 FOR 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIAMETERS							WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	G	X	T	RIM ONLY	BUSH ONLY
15	QTL41JA15	JA	2.650	2.405	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	49/64	25/64	5/8	0.227	1.22	0.32
16	QTL41JA16	JA	2.810	2.563	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	49/64	25/64	5/8	0.227	1.30	0.40
17	QTL41JA17	JA	2.980	2.721	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	49/64	25/64	5/8	0.227	1.40	0.50
18	QTL41JA18	JA	3.140	2.879	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	49/64	25/64	5/8	0.227	1.50	0.60
19	QTL41JA19	JA	3.300	3.038	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	49/64	25/64	5/8	0.227	1.58	0.68
20	QTL41SH20	SH	3.460	3.196	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	1.78	
21	QTL41SH21	SH	3.620	3.355	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	1.78	0.82
22	QTL41SH22	SH	3.780	3.513	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	1.78	1.06
23	QTL41SH23	SH	3.940	3.672	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	1.78	1.14
24	QTL41SH24	SH	4.100	3.831	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	2.16	1.16
25	QTL41SH25	SH	4.260	3.989	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	2.22	1.22
26	QTL41SH26	SH	4.420	4.148	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	2.26	1.26
27	QTL41SH27	SH	4.580	4.307	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	2.40	1.40
28	QTL41SH28	SH	4.740	4.466	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	2.54	1.54
30	QTL41SH30	SH	5.060	4.783	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	2.58	1.58
32	QTL41SH32	SH	5.380	5.101	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	2.68	1.68
35	QTL41SH35	SH	5.860	5.578	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	1 1/32	37/64	13/16	0.227	3.46	2.47
36	QTL41SDS36	SDS	6.020	5.737	B ₁	2	1 1/2	1 1/2	3 3/16	1 3/32	17/32	3/4	0.227	2.92	1.92
40	QTL41SDS40	SDS	6.650	6.373	B ₁	2	1 1/2	1 1/2	3 3/16	1 3/32	17/32	3/4	0.227	3.32	2.32
42	QTL41SDS42	SDS	6.970	6.691	B ₁	2	1 1/2	1 1/2	3 3/16	1 3/32	17/32	3/4	0.227	3.44	2.44
45	QTL41SDS45	SDS	7.450	7.168	B ₁	2	1 1/2	1 1/2	3 3/16	1 3/32	17/32	3/4	0.227	3.76	2.76
48	QTL41SDS48	SDS	7.930	7.645	B ₁	2	1 1/2	1 1/2	3 3/16	1 3/32	17/32	3/4	0.227	4.36	3.36
54	QTL41SDS54	SDS	8.890	8.599	B ₁	2	1 1/2	1 1/2	3 3/16	1 3/32	17/32	3/4	0.227	4.98	3.98
60	QTL41SDS60	SDS	9.840	9.554	B ₁	2	1 1/2	1 1/2	3 3/16	1 3/32	17/32	3/4	0.227	6.54	5.54
70	QTL41SK70	SK	11.430	11.145	B ₁	2 5/8	2 1/8	2 1/8	3 7/8	1 41/64	1 1/32	1 1/4	0.227	9.42	7.42
72	QTL41SK72	SK	11.750	11.463	B ₁	2 5/8	2 1/8	2 1/8	3 7/8	1 41/64	1 1/32	1 1/4	0.227	10.02	8.02
80	QTL41SK80	SK	13.030	12.736	B ₁	2 5/8	2 1/8	2 1/8	3 7/8	1 41/64	1 1/32	1 1/4	0.227	11.64	9.64
84	QTL41SK84	SK	13.660	13.372	B ₁	2 5/8	2 1/8	2 1/8	3 7/8	1 41/64	1 1/32	1 1/4	0.227	12.40	10.40
96	QTL41SK96	SK	15.570	15.281	B ₁	2 5/8	2 1/8	2 1/8	3 7/8	1 41/64	1 1/32	1 1/4	0.227	14.82	12.82
112	QTL41SK112	SK	18.120	17.828	B ₁	2 5/8	2 1/8	2 1/8	3 7/8	1 41/64	1 1/32	1 1/4	0.227	19.28	17.28

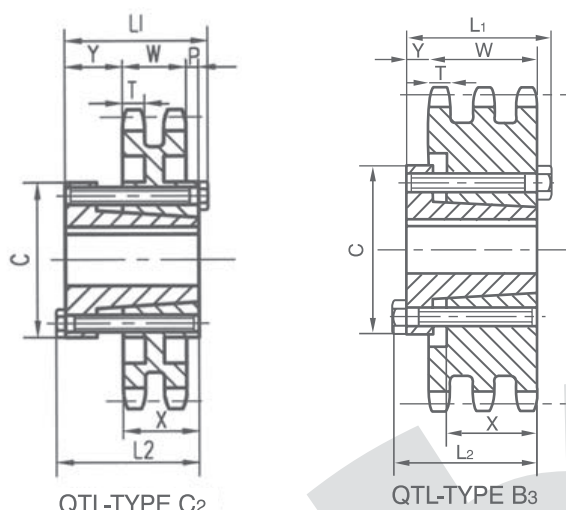


QTL-TYPE B₁



40-1 FOR 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIAMETERS							WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	G	X	T	RIM ONLY	BUSH ONLY
15	QTL40JA15H	JA	2.650	2.405	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.24	0.34
16	QTL40JA16H	JA	2.810	2.563	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.30	0.40
17	QTL40JA17H	JA	2.980	2.721	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.38	0.48
18	QTL40JA18H	JA	3.140	2.879	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.44	0.54
19	QTL40JA19H	JA	3.300	3.038	B ₁	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.50	0.60
20	QTL40SH20H	SH	3.460	3.196	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	1.76	0.76
21	QTL40SH21H	SH	3.620	3.355	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	1.84	0.84
22	QTL40SH22H	SH	3.780	3.513	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	1.92	0.92
23	QTL40SH23H	SH	3.940	3.672	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.14	1.14
24	QTL40SH24H	SH	4.100	3.831	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.22	1.22
25	QTL40SH25H	SH	4.260	3.989	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.30	1.30
26	QTL40SH26H	SH	4.420	4.148	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.44	1.44
27	QTL40SH27H	SH	4.580	4.307	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.46	1.46
28	QTL40SH28H	SH	4.740	4.466	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.54	1.54
30	QTL40SH30H	SH	5.060	4.783	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.72	1.72
32	QTL40SH32H	SH	5.380	5.101	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.9	1.90
35	QTL40SH35H	SH	5.860	5.578	B ₁	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	3.22	2.22
36	QTL40SDS36H	SDS	6.020	5.737	B ₁	2	1 1/2	1 1/2	33/16	1 1/32	15/32	3/4	0.284	3.20	2.20
40	QTL40SDS40H	SDS	6.650	6.373	B ₁	2	1 1/2	1 1/2	33/16	1 1/32	15/32	3/4	0.284	3.72	2.72
42	QTL40SDS42H	SDS	6.970	6.691	B ₁	2	1 1/2	1 1/2	33/16	1 1/32	15/32	3/4	0.284	3.92	2.92
45	QTL40SDS45H	SDS	7.450	7.168	B ₁	2	1 1/2	1 1/2	33/16	1 1/32	15/32	3/4	0.284	4.32	3.32
48	QTL40SDS48H	SDS	7.930	7.645	B ₁	2	1 1/2	1 1/2	33/16	1 1/32	15/32	3/4	0.284	4.70	3.70
54	QTL40SDS54	SDS	8.890	8.599	B ₁	2	1 1/2	1 1/2	33/16	1 1/32	15/32	3/4	0.284	5.78	4.78
60	QTL40SDS60	SDS	9.840	9.554	B ₁	2	1 1/2	1 1/2	33/16	1 1/32	15/32	3/4	0.284	6.86	5.86
70	QTL40SK70	SK	11.430	11.145	B ₁	2 5/8	2 1/8	2 1/8	37/8	1 19/32	31/32	1 1/4	0.284	10.68	8.68
72	QTL40SK72	SK	11.750	11.463	B ₁	2 5/8	2 1/8	2 1/8	37/8	1 19/32	31/32	1 1/4	0.284	10.84	8.84
80	QTL40SK80	SK	13.030	12.736	B ₁	2 5/8	2 1/8	2 1/8	37/8	1 19/32	31/32	1 1/4	0.284	13.20	11.20
84	QTL40SK84	SK	13.660	13.372	B ₁	2 5/8	2 1/8	2 1/8	37/8	1 19/32	31/32	1 1/4	0.284	13.56	11.56
96	QTL40SK96	SK	15.570	15.281	B ₁	2 5/8	2 1/8	2 1/8	37/8	1 19/32	31/32	1 1/4	0.284	17.76	15.76
112	QTL40SK112	SK	18.120	17.828	B ₁	2 5/8	2 1/8	2 1/8	37/8	1 19/32	31/32	1 1/4	0.284	22.28	20.28

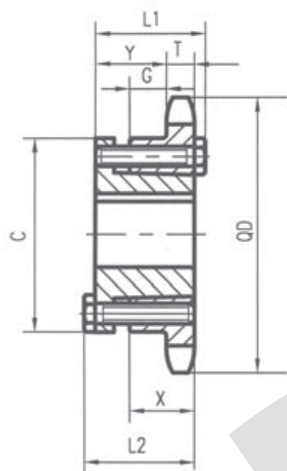


40-2 FOR 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	P	X	T	W	WITH HUB	RIM ONLY
36	2QTL40SK36H	SK	6.020	5.737	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	6.68	4.38
40	2QTL40SK40H	SK	6.650	6.373	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	8.02	6.02
42	2QTL40SK42H	SK	6.970	6.691	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	8.82	6.82
45	2QTL40SK45H	SK	7.450	7.168	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	9.98	7.98
48	2QTL40SK48H	SK	7.930	7.645	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	11.22	9.22
52	2QTL40SK52	SK	8.570	8.281	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	13.04	11.4
54	2QTL40SK54	SK	8.890	8.599	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	14.06	12.06
60	2QTL40SK60	SK	9.840	9.554	C2	25/8	21/8	21/8	37/8	5/8	13/32	11/4	0.275	0.841	15.98	14.98
68	2QTL40SF68	SF	11.120	10.826	C2	215/16	21/4	21/4	45/8	3/4	13/32	11/4	0.275	0.841	22.72	19.72
72	2QTL40SF72	SF	11.750	11.463	C2	215/16	21/4	21/4	45/8	3/4	13/32	11/4	0.275	0.841	24.20	22.20
76	2QTL40SF76	SF	12.390	12.099	C2	215/16	21/4	21/4	45/8	3/4	13/32	11/4	0.275	0.841	28.20	25.20
84	2QTL40SF84	SF	13.660	13.372	C2	215/16	21/4	21/4	45/8	3/4	13/32	11/4	0.275	0.841	33.64	30.64
95	2QTL40SF95	SF	15.410	15.122	C2	215/16	21/4	21/4	45/8	3/4	13/32	11/4	0.275	0.841	40.22	37.22
102	2QTL40SF102	SF	16.530	16.236	C2	215/16	21/4	21/4	45/8	3/4	13/32	11/4	0.275	0.841	42.77	39.70
112	2QTL40SF112	SF	18.120	17.828	C2	215/16	21/4	21/4	45/8	3/4	13/32	11/4	0.275	0.841	52.60	49.60

40-3 FOR 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	X	T	W	WITH HUB	RIM ONLY	
36	3QTL40SK36H	SK	6.02	5.737	B3	25/8	21/8	21/8	37/8	15/32	1 1/4	0.275	1.407	8.16	6.15	
42	3QTL40SK42H	SK	6.97	6.691	B3	25/8	21/8	21/8	37/8	15/32	1 1/4	0.275	1.407	11.92	9.52	
48	3QTL40SK48H	SK	7.93	7.645	B3	25/8	21/8	21/8	37/8	15/32	1 1/4	0.275	1.407	5.13	13.15	
52	3QTL40SK52	SK	8.57	8.281	B3	25/8	21/8	21/8	37/8	15/32	1 1/4	0.275	1.407	18.08	16.05	
60	3QTL40SK60	SK	9.84	9.554	B3	25/8	21/8	21/8	37/8	15/32	1 1/4	0.275	1.407	24.60	22.60	
68	3QTL40SF68	SF	11.12	10.826	B3	215/16	21/4	21/4	45/8	19/32	1 1/4	0.275	1.407	31.98	29.98	
72	3QTL40SF72	SF	11.75	11.463	B3	215/16	21/4	21/4	45/8	19/32	1 1/4	0.275	1.407	37.40	34.40	
76	3QTL40SF76	SF	12.39	12.099	B3	215/16	21/4	21/4	45/8	19/32	1 1/4	0.275	1.407	51.92	48.92	
84	3QTL40SF84	SF	13.66	13.372	B3	215/16	21/4	21/4	45/8	19/32	1 1/4	0.275	1.407	56.70	53.78	
95	3QTL40SF95	SF	15.41	15.122	B3	215/16	21/4	21/4	45/8	19/32	1 1/4	0.275	1.407	58.94	55.54	
102	3QTL40SF102	SF	16.53	16.236	B3	215/16	21/4	21/4	45/8	19/32	1 1/4	0.275	1.407	62.24	59.24	

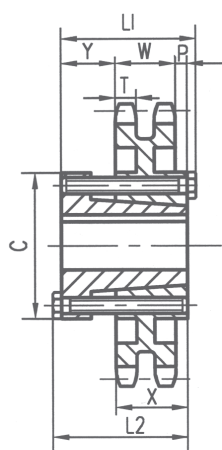


QTL-TYPE B1

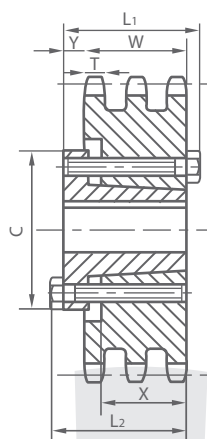


50-1 FOR 5/8" PITCH ANSI CHAIN

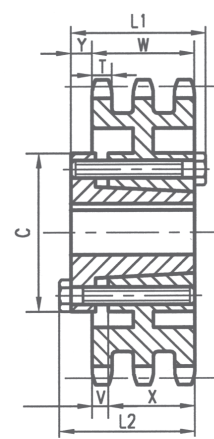
TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS							WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	G	X	T	WITH HUB	RIM ONLY
12	QTL50JA12H	JA	2.710	2.415	B1	1 1/4	1 1/8	1 1/8	21/16	21/32	9/32	5/8	0.343	1.24	0.34
13	QTL50JA13H	JA	2.910	2.612	B1	1 1/4	1 1/8	1 1/8	21/16	21/32	9/32	5/8	0.343	1.30	0.40
14	QTL50JA14H	JA	3.110	2.803	B1	1 1/4	1 1/8	1 1/8	21/16	21/32	9/32	5/8	0.343	1.45	0.52
15	QTL50JA15H	JA	3.320	3.006	B1	1 1/4	1 1/8	1 1/8	21/16	21/32	9/32	5/8	0.343	1.50	0.60
16	QTL50JA16H	JA	3.520	3.204	B1	1 1/4	1 1/8	1 1/8	21/16	21/32	9/32	5/8	0.343	1.58	0.68
17	QTL50SH17H	SH	3.720	3.401	B1	1 5/8	1 7/16	1 7/16	2 11/16	29/32	15/32	13/16	0.343	1.84	0.84
18	QTL50SH18H	SH	3.920	3.599	B1	1 5/8	1 7/16	1 7/16	2 11/16	29/32	15/32	13/16	0.343	2.04	1.04
19	QTL50SH19H	SH	4.120	3.797	B1	1 5/8	1 7/16	1 7/16	2 11/16	29/32	15/32	13/16	0.343	2.24	1.24
20	QTL50SDS20H	SDS	4.320	3.995	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	2.20	1.20
21	QTL50SDS21H	SDS	4.520	4.194	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	2.32	1.32
22	QTL50SDS22H	SDS	4.720	4.392	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	2.48	1.42
23	QTL50SDS23H	SDS	4.920	4.590	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	2.58	1.58
24	QTL50SDS24H	SDS	5.120	4.788	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	2.70	1.70
25	QTL50SDS25H	SDS	5.320	4.987	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	2.86	1.86
26	QTL50SDS26H	SDS	5.520	5.185	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	3.00	2.00
27	QTL50SDS27H	SDS	5.720	5.384	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	3.12	2.12
28	QTL50SDS28H	SDS	5.920	5.582	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	3.32	2.32
30	QTL50SDS30H	SDS	6.320	5.979	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	3.64	2.64
32	QTL50SDS32H	SDS	6.720	6.376	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	3.98	2.98
35	QTL50SDS35H	SDS	7.320	6.972	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	4.62	3.62
36	QTL50SDS36H	SDS	7.520	7.171	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	4.64	3.64
40	QTL50SDS40H	SDS	8.320	7.966	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	5.74	4.74
42	QTL50SDS42	SDS	8.720	8.363	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	6.40	5.40
45	QTL50SDS45	SDS	9.310	8.960	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	6.90	5.90
48	QTL50SDS48	SDS	9.910	9.556	B1	2	1 1/2	1 1/2	3 3/16	31/32	13/32	3/4	0.343	7.66	6.66
54	QTL50SK54	SK	11.110	10.749	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 17/32	29/32	1 1/4	0.343	11.68	9.68
60	QTL50SK60	SK	12.300	11.942	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 17/32	29/32	1 1/4	0.343	13.88	11.88
70	QTL50SK70	SK	14.290	13.931	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 17/32	29/32	1 1/4	0.343	17.52	14.52
72	QTL50SK72	SK	14.690	14.329	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 17/32	29/32	1 1/4	0.343	18.44	16.44
80	QTL50SF80	SF	16.280	15.920	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 21/32	29/32	1 1/4	0.343	22.90	19.90
84	QTL50SF84	SF	17.080	16.715	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 21/32	29/32	1 1/4	0.343	25.98	22.98
96	QTL50SF96	SF	19.470	19.102	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 21/32	29/32	1 1/4	0.343	32.88	29.88
112	QTL50SF112	SF	22.650	22.285	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 21/32	29/32	1 1/4	0.343	43.10	40.10



QTL-TYPE C2



QTL-TYPE B3



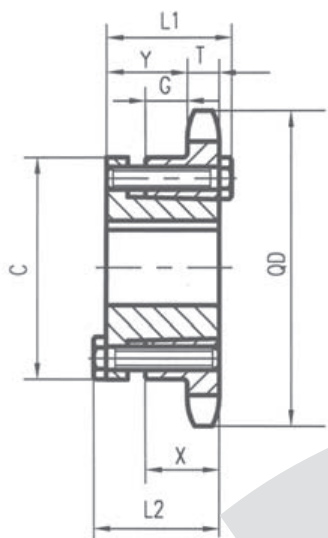
QTL-TYPE 1B3

50-2 FOR 5/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	WITH Y HUB P	X	T	W	RIM ONLY		
36	2QTL50SK36H	SK	7.520	7.171	C2	25/8	21/8	21/8	37/8	5/8 13/64	11/4	0.332	1.045	11.08	9.08	
42	2QTL50SK42	SK	8.720	8.363	C2	25/8	21/8	21/8	37/8	5/8 13/64	11/4	0.332	1.045	15.16	13.16	
48	2QTL50SK48	SK	9.910	9.556	C2	25/8	21/8	21/8	37/8	5/8 13/64	11/4	0.332	1.045	19.90	17.90	
52	2QTL50SF52	SF	10.710	10.351	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	24.26	21.26	
54	2QTL50SF54	SF	11.110	10.749	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	26.18	23.18	
60	2QTL50SF60	SF	12.300	11.942	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	32.12	29.12	
68	2QTL50SF68	SF	13.890	13.533	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	41.16	38.16	
72	2QTL50SF72	SF	14.690	14.329	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	46.28	43.26	
76	2QTL50SF76	SF	15.490	15.124	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	47.00	44.00	
84	2QTL50SF84	SF	17.080	16.715	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	48.89	45.88	
95	2QTL50SF95	SF	19.270	18.903	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	61.80	58.88	
102	2QTL50SF102	SF	20.660	20.295	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	69.02	66.02	
112	2QTL50SF112	SF	22.650	22.285	C2	215/16	21/4	21/4	45/8	3/4 13/64	11/4	0.332	1.045	88.26	85.26	

50-3 FOR 5/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y HUB V	X	T	W	WITH ONLY	RIM	
36	3QTL50SK36H	SK	7.520	7.171	B3	25/8	21/8	21/8	37/8	1/8		11/4	0.332	1.758	14.8	12.8
42	3QTL50SK42	SK	8.720	8.363	B3	25/8	21/8	21/8	37/8	1/8		11/4	0.332	1.758	21.5	19.5
48	3QTL50SK48	SK	9.910	9.556	B3	25/8	21/8	21/8	37/8	1/8		11/4	0.332	1.758	29.6	27.6
52	3QTL50SF52	SF	10.710	10.351	B3	215/16	21/4	21/4	45/8	1/4		11/4	0.332	1.758	31.6	28.6
60	3QTL50SF60	SF	12.300	11.942	B3	215/16	21/4	21/4	45/8	1/4		11/4	0.332	1.758	42.1	39.1
68	3QTL50SF68	SF	13.890	13.533	B3	215/16	21/4	21/4	45/8	1/4		11/4	0.332	1.758	53.8	50.8
72	3QTL50SF72	SF	14.690	14.329	1B3	215/16	21/4	21/4	45/8	1/4 1/2		11/4	0.332	1.758	46.6	43.6
76	3QTL50SF76	SF	15.490	15.124	1B3	215/16	21/4	21/4	45/8	1/4 1/2		11/4	0.332	1.758	49.9	46.9
84	3QTL50SF84	SF	17.080	16.715	1B3	215/16	21/4	21/4	45/8	1/4 1/2		11/4	0.332	1.758	53.9	50.9
95	3QTL50SF95	SF	19.270	18.903	1B3	215/16	21/4	21/4	45/8	1/4 1/2		11/4	0.332	1.758	62.3	59.3
102	3QTL50SF102	SF	20.660	20.295	1B3	215/16	21/4	21/4	45/8	1/4 1/2		11/4	0.332	1.758	69.3	66.3

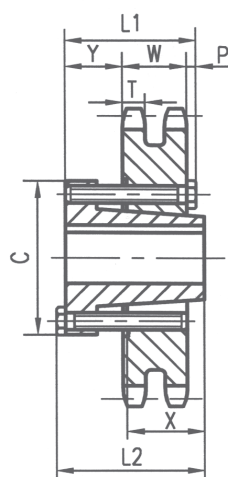


QTL-TYPE B1

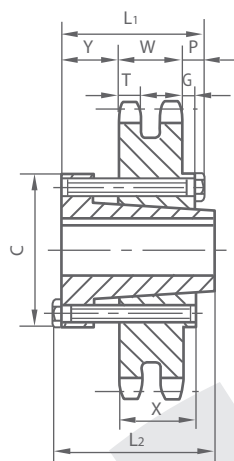


60-1 FOR 3/4" PITCH ANSI CHAIN

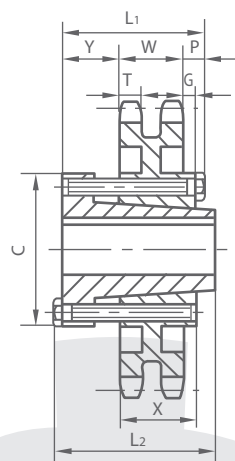
TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS							WEIGHT (APP.)	
			OD	PD			L1	L2	C	Y	G	X	T	WITH HUB	RIM ONLY
11	QTL60JA11H	JA	3.000	2.662	B1	1 1/4	1 1/8	1 1/8	21/16	35/64	11/64	5/8	0.459	1.36	0.46
12	QTL60JA12H	JA	3.250	2.898	B1	1 1/4	1 1/8	1 1/8	21/16	35/64	11/64	5/8	0.459	1.50	0.60
13	QTL60JA13H	JA	3.490	3.134	B1	1 1/4	1 1/8	1 1/8	21/16	35/64	11/64	5/8	0.459	1.66	0.46
14	QTL60SH14H	SH	3.740	3.371	B1	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	1 3/16	0.459	1.88	0.88
15	QTL60SH15H	SH	3.980	3.607	B1	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	1 3/16	0.459	2.08	1.08
16	QTL60SH16H	SH	4.220	3.844	B1	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	1 3/16	0.459	2.26	1.26
17	QTL60SDS17H	SDS	4.460	4.082	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	2.38	1.38
18	QTL60SDS18H	SDS	4.700	4.319	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	2.56	1.56
19	QTL60SDS19H	SDS	4.950	4.557	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	2.76	1.76
20	QTL60SDS20H	SDS	5.190	4.794	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.00	2.00
21	QTL60SDS21H	SDS	5.430	5.032	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.20	2.44
22	QTL60SDS22H	SDS	5.670	5.270	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.44	2.70
23	QTL60SDS23H	SDS	5.910	5.508	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.70	2.94
24	QTL60SDS24H	SDS	6.150	5.746	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.94	3.24
25	QTL60SDS25H	SDS	6.390	5.984	B1	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	4.26	4.18
26	QTL60SK26H	SK	6.630	6.222	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	6.18	4.52
27	QTL60SK27H	SK	6.870	6.460	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	6.52	4.72
28	QTL60SK28H	SK	7.110	6.699	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	6.72	5.34
30	QTL60SK30H	SK	7.590	7.175	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	7.34	6.10
32	QTL60SK32H	SK	8.070	7.652	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	8.10	7.42
35	QTL60SK35H	SK	8.780	8.367	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	9.42	7.70
36	QTL60SK36H	SK	9.020	8.605	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	9.70	9.56
40	QTL60SK40	SK	9.980	9.559	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	11.56	10.78
42	QTL60SF42	SF	10.460	10.036	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	13.78	12.40
45	QTL60SF45	SF	11.180	10.752	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	15.40	14.20
48	QTL60SF48	SF	11.890	11.467	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	17.26	17.02
54	QTL50SF54	SF	13.330	12.899	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	20.02	18.07
60	QTL50SF60	SF	14.760	14.331	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	27.76	20.76
70	QTL50SF70	SF	17.150	16.717	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	31.60	28.60
72	QTL50SF72	SF	17.630	17.194	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	32.58	29.58
80	QTL60SF80	SF	19.540	19.163	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	41.24	38.24
84	QTL60SF84	SF	20.490	20.058	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	46.94	40.96
96	QTL60SF96	SF	23.360	22.922	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	55.40	52.40
112	QTL60E112	E	27.180	26.742	B1	3 1/2	2 5/8	2 15/16	6	2 3/16	1 11/64	1 5/8	0.459	83.76	73.76



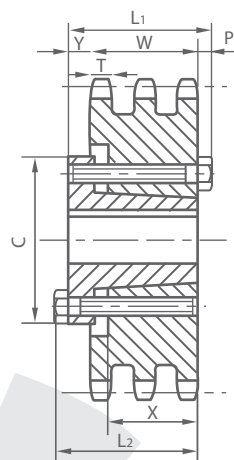
QTL-TYPE 1C2



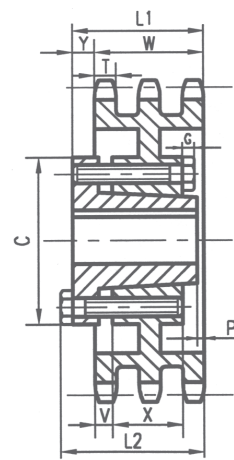
QTL-TYPE 2C2



QTL-TYPE 4C2



QTL-TYPE B3



QTL-TYPE 1C3

60-2 FOR 3/4" PITCH ANSI CHAIN

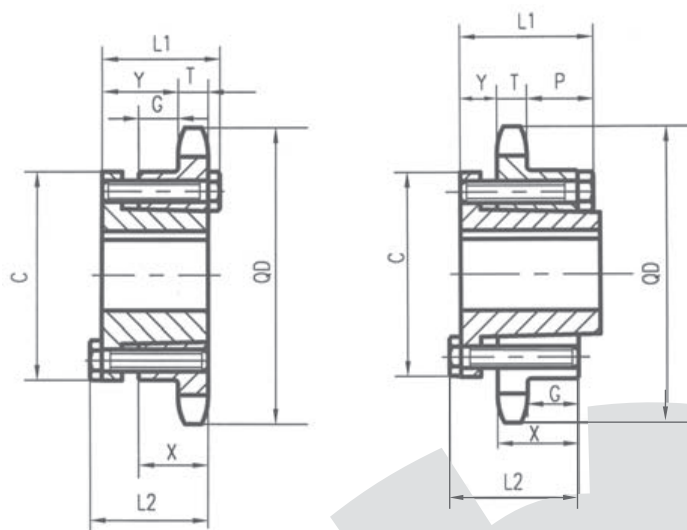
TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY
14	2QTL60SH14H	SH	3.740	3.371	1C2	15/8	131/32	131/32	211/16	1/2				1.341	2.5	1.5
22	2QTL60SDS22H	SDS	5.670	5.270	1C2	2	117/32	115/32	33/16				3/4	1.341	5.44	4.44
36	2QTL60SF36H	SF	9.02	8.605	1C2	215/16	2	21/4	45/8	3/4			11/4	1.341	19.26	16.26
42	2QTL60E42	E	10.460	10.036	2C2	31/2	25/8	215/16	6	7/8	13/32	9/32	15/8	1.341	34.04	24.04
45	2QTL60E45	E	11.180	10.752	2C2	31/2	25/8	215/16	6	7/8	13/32	9/32	15/8	1.341	38.26	28.26
52	2QTL60E52	E	12.850	12.422	2C2	31/2	25/8	215/16	6	7/8	13/32	9/32	15/8	1.341	49.52	39.52
60	2QTL60E60	E	14.760	14.331	2C2	31/2	25/8	215/16	6	7/8	13/32	9/32	15/8	1.341	63.39	53.74
68	2QTL60E68	E	16.670	16.240	2C2	31/2	25/8	215/16	6	7/8	13/32	9/32	15/8	1.341	54.32	44.32
76	2QTL60E76	E	18.580	18.149	4C2	31/2	25/8	215/16	6	7/8	13/32	9/32	15/8	1.341	61.48	51.48
95	2QTL60E95	E	23.120	22.683	4C2	31/2	25/8	215/16	6	7/8	13/32	9/32	15/8	1.341	82.96	72.96

60-3 FOR 3/4" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS V
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
36	3QTL60E36	E	9.020	8.605	B3	31/2	25/8	215/16	6	17/64	1/8		15/8	2.238	46	37	
42	3QTL60E42	E	10.460	10.036	B3	31/2	25/8	215/16	6	17/64	1/8		15/8	2.238	62	50	
52	3QTL60E52	E	12.850	12.422	B3	31/2	25/8	215/16	6	17/64	1/8		15/8	2.238	80	68	
68	3QTL60E68	E	16.670	16.240	1C3	31/2	213/16	37/64	6	9/16	3/16	1/8	15/8	2.238	83	71	5/16
76	3QTL60E76	E	18.580	18.149	1C3	31/2	213/16	37/64	6	9/16	3/16	1/8	15/8	2.238	99	87	5/16
95	3QTL60E95	E	23.120	22.683	1C3	31/2	213/16	37/64	6	9/16	3/16	1/8	15/8	2.238	129	117	5/16

Taper Bore Sprockets

QTL



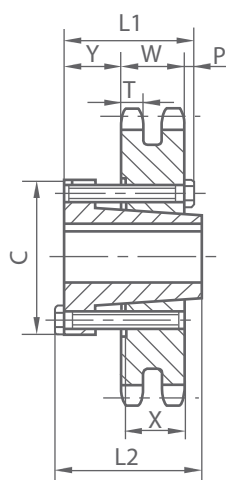
QTL-TYPE B1

QTL-TYPE C1

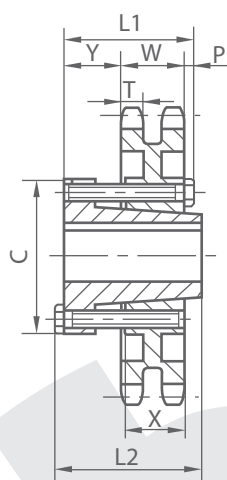


80-1 FOR 1" PITCH ANSI CHAIN

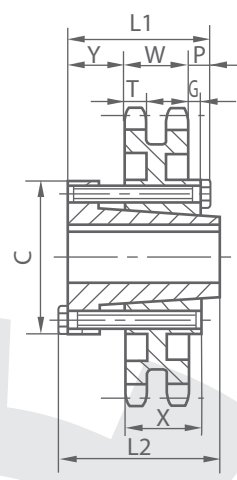
TEETH NO.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX.	DIMENSIONS									WEIGHT (APP.)	
			OD	PD			L1	L2	C	Y	p	G	X	T	WITH HUB	RIM ONLY	
11	QTL80SH11H	SH	4.010	3.550	B ₁	15/8	17/16	17/16	211/16	21/32	—	15/64	13/16	0.575	2.0	1.0	
12	QTL80SH12H	SH	4.330	3.864	B ₁	15/8	17/16	17/16	211/16	21/32	—	15/64	13/16	0.575	2.4	1.4	
13	QTL80SDS13H	SDS	4.660	4.179	B ₁	2	11/2	11/2	33/16	47/64	—	11/64	3/4	0.575	2.5	1.5	
14	QTL80SDS14H	SDS	4.980	4.494	B ₁	2	11/2	11/2	33/16	47/64	—	11/64	3/4	0.575	2.8	1.8	
15	QTL80SK15H	SK	5.300	4.810	B ₁	25/8	21/8	21/8	37/8	119/64	—	21/32	11/4	0.575	4.5	2.5	
16	QTL80SK16H	SK	5.630	5.126	B ₁	25/8	21/8	21/8	37/8	119/64	—	21/32	11/4	0.575	5.1	3.1	
17	QTL80SK17H	SK	5.950	5.442	B ₁	25/8	21/8	21/8	37/8	119/64	—	21/32	11/4	0.575	5.5	3.5	
18	QTL80SK18H	SK	6.270	5.759	B ₁	25/8	21/8	21/8	37/8	119/64	—	21/32	11/4	0.575	5.9	3.9	
19	QTL80SK19H	SK	6.590	6.076	B ₁	25/8	21/8	21/8	37/8	119/64	—	21/32	11/4	0.575	6.4	4.4	
20	QTL80SF20H	SF	6.910	6.392	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	8.3	5.3	
21	QTL80SF21H	SF	7.240	6.710	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	8.7	5.7	
22	QTL80SF22H	SF	7.560	7.027	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	9.3	6.3	
23	QTL80SF23H	SF	7.880	7.344	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	9.8	6.8	
24	QTL80SF24H	SF	8.200	7.661	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	10.5	7.5	
25	QTL80SF25H	SF	8.520	7.979	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	11.0	8.0	
26	QTL80SF26H	SF	8.840	8.296	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	11.6	8.6	
27	QTL80SF27H	SF	9.160	8.614	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	12.4	9.4	
28	QTL80SF28H	SF	9.480	8.931	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	13.2	10.2	
30	QTL80SF30H	SF	10.110	9.567	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	14.3	11.3	
32	QTL80SF32H	SF	10.750	10.202	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	16.0	13.0	
33	QTL80SF33H	SF	11.070	10.520	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	16.5	13.5	
34	QTL80SF34H	SF	11.390	10.838	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	17.1	14.1	
35	QTL80SF35H	SF	11.710	11.156	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	18.5	15.5	
36	QTL80SF36H	SF	12.030	11.474	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	19.9	16.9	
40	QTL80SF40	SF	13.310	12.746	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	23.6	20.6	
42	QTL80SF42	SF	13.940	13.382	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	25.4	22.4	
45	QTL80SF45	SF	14.900	14.336	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	28.1	25.1	
48	QTL80SF48	SF	15.860	15.290	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	31.6	28.6	
54	QTL80SF54	SF	17.770	17.198	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	39.8	36.8	
60	QTL80SF60	SF	19.680	19.107	B ₁	215/16	21/4	21/4	45/8	127/64	—	21/32	11/4	0.575	48.8	45.8	
70	QTL80E70	E	22.870	22.289	C ₁	31/2	25/8	215/16	6	7/8	13/16	13/64	15/8	0.575	65.6	55.6	
72	QTL80E72	E	23.500	22.926	C ₁	31/2	25/8	215/16	6	7/8	13/16	13/64	15/8	0.575	69.3	59.3	
80	QTL80E80	E	26.050	25.471	C ₁	31/2	25/8	215/16	6	7/8	13/16	13/64	15/8	0.575	79.2	69.2	
84	QTL80E84	E	27.330	26.744	C ₁	31/2	25/8	215/16	6	7/8	13/16	13/64	15/8	0.575	84.9	74.9	
96	QTL80E96	E	31.150	30.563	C ₁	31/2	25/8	215/16	6	7/8	13/16	13/64	15/8	0.575	108.0	97.5	
112	QTL80F112	F	36.240	35.655	C ₁	315/16	35/8	4	65/8	1	21/16	159/64	21/2	0.575	145.0	134.0	



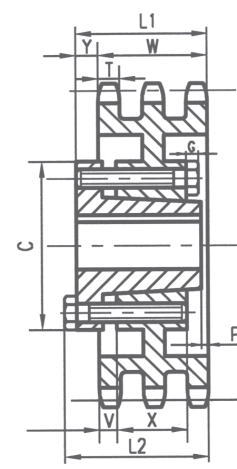
QTL-TYPE 1C2



QTL-TYPE 3C2



QTL-TYPE 4C3



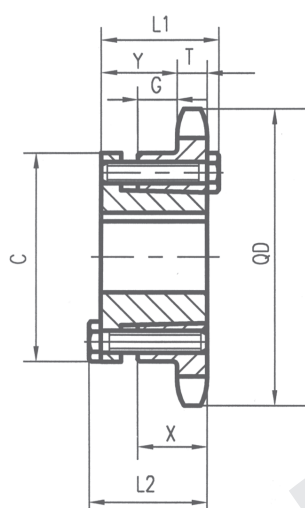
QTL-TYPE 3B3

80-2 FOR 1" PITCH ANSI CHAIN

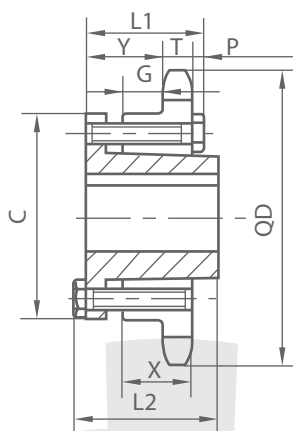
TEETH No.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY
36	2QTL80E36H	E	12.030	11.474	1C2	31/2	25/8	215/16	6	51/64	1/8		15/8	1.710	48.3	38.2
42	2QTL80E42	E	13.940	13.382	1C2	31/2	25/8	215/16	6	51/64	1/8		15/8	1.710	65.3	55.3
45	2QTL80E45	E	14.900	14.336	1C2	31/2	25/8	215/16	6	51/64	1/8		15/8	1.710	74.6	64.6
52	2QTL80E52	E	17.130	16.562	3C2	31/2	25/8	215/16	6	51/64	1/8		15/8	1.710	68.2	58.2
60	2QTL80E60	E	19.680	19.107	3C2	31/2	25/8	215/16	6	51/64	1/8		15/8	1.710	78.2	68.2
68	2QTL80E68	E	22.230	21.653	3C2	31/2	25/8	215/16	6	51/64	1/8		15/8	1.710	84.2	74.2
76	2QTL80E76	E	24.780	24.198	3C2	31/2	25/8	215/16	6	51/64	1/8		15/8	1.710	100	90.1
95	2QTL80F95	F	30.830	30.245	4C3	315/16	35/8	4	65/8	1	51/64	51/64	21/2	1.710	152	140

80-3 FOR 1" PITCH ANSI CHAIN

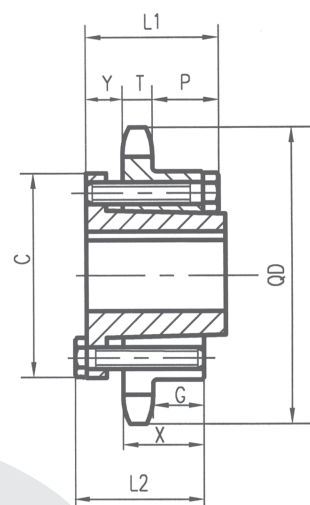
TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS G
			O.D.	P.D.			L1	L2	C	Y	P	V	X	W	WITH HUB	RIM ONLY	
36	3QTL80E36H	E	12.030	11.474	3B3	31/2	37/64	327/64	6	1/4	31/64	5/8	15/8	2.863	65.1	55.1	1/8
42	3QTL80E42	E	13.940	13.382	3B3	31/2	37/64	327/64	6	1/4	31/64	5/8	15/8	2.863	69.9	71.9	1/8
45	3QTL80E45	E	14.900	14.336	3B3	31/2	37/64	327/64	6	1/4	31/64	5/8	15/8	2.863	25.3	65.3	1/8
52	3QTL80E52	E	17.130	16.562	3B3	31/2	37/64	327/64	6	1/4	31/64	5/8	15/8	2.863	90.0	80.0	1/8
60	3QTL80F60	F	19.680	19.107	3B3	315/16	343/64	43/64	65/8	13/16	3/64	3/16	21/2	2.863	112	100	1/8
68	3QTL80F68	F	22.230	21.653	3B3	315/16	343/64	43/64	65/8	13/16	3/64	3/16	21/2	2.863	132	120	1/8
76	3QTL80F76	F	24.780	24.198	3B3	315/16	343/64	43/64	65/8	13/16	3/64	3/16	21/2	2.863	150	138	1/8
95	3QTL80F95	F	30.830	30.245	3B3	315/16	343/64	43/64	65/8	13/16	3/64	3/16	21/2	2.863	208	196	1/8



QTL-TYPE-B1



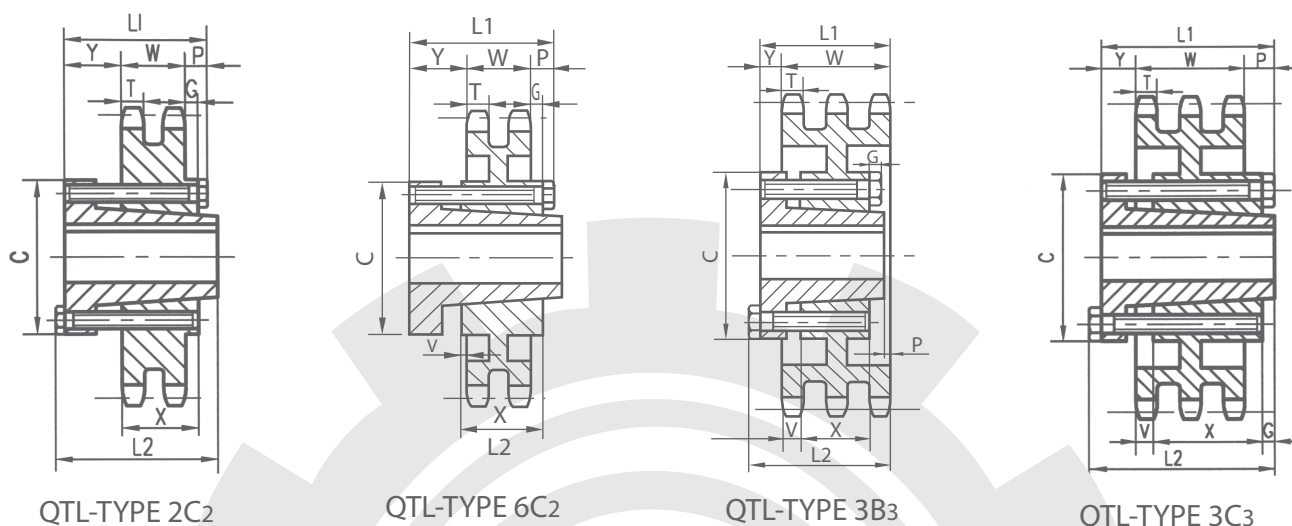
QTL-TYPE 1B1



QTL-TYPE C1

100-1 FOR 1 1/4" PITCH ANSI CHAIN

TEETH No.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX.	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	P	G	X	T	WITH HUB	RIM ONLY
11	QTL100SDS11H	SDS	5.010	4.437	B1	2	1 1/2	1 1/2	33/16	5/8	—	1/16	3/4	0.692	3.0	2.0
12	QTL100SDS12H	SDS	5.420	4.830	B1	2	1 1/2	1 1/2	33/16	5/8	—	1/16	3/4	0.692	3.6	2.6
13	QTL100SK13H	SK	5.820	5.223	B1	25/8	2 1/8	2 1/8	37/8	1 13/64	—	9/16	1 1/4	0.692	5.3	3.3
14	QTL100SK14H	SK	6.230	5.617	B1	25/8	2 1/8	2 1/8	37/8	1 13/64	—	9/16	1 1/4	0.692	6.1	4.1
15	QTL100SF15H	SF	6.630	6.012	B1	2 15/16	2 1/4	2 1/4	45/8	1 19/64	—	9/16	1 1/4	0.692	7.8	4.8
16	QTL100SF16H	SF	7.030	6.407	B1	2 15/16	2 1/4	2 1/4	45/8	1 19/64	—	9/16	1 1/4	0.692	8.6	5.6
17	QTL100SF17H	SF	7.440	6.803	B1	2 15/16	2 1/4	2 1/4	45/8	1 19/64	—	9/16	1 1/4	0.692	9.5	6.5
18	QTL100E18H	E	7.840	7.198	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	19.0	9.0
19	QTL100E19H	E	8.240	7.595	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	20.2	10.2
20	QTL100E20H	E	8.640	7.991	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	21.6	11.6
21	QTL100E21H	E	9.040	8.387	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	22.5	12.5
22	QTL100E22H	E	9.440	8.783	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	23.5	13.5
23	QTL100E23H	E	9.840	9.180	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	24.6	14.6
24	QTL100E24H	E	10.250	9.577	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	25.7	15.7
25	QTL100E25H	E	10.650	9.973	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	26.8	16.8
26	QTL100E26H	E	11.050	10.370	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	28.1	18.1
27	QTL100E27H	E	11.440	10.767	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	29.2	19.2
28	QTL100E28H	E	11.840	11.164	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	30.7	20.7
30	QTL100E30H	E	12.640	11.958	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	33.2	23.2
32	QTL100E32	E	13.440	12.753	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	35.4	25.4
35	QTL100E35	E	14.640	13.945	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	40.5	30.5
36	QTL100E36	E	15.040	14.342	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	42.5	32.5
40	QTL100E40	E	16.630	15.932	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	49.1	37.9
42	QTL100E42	E	17.430	16.727	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	53.4	43.4
45	QTL100E45	E	18.630	17.920	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	58.9	48.9
48	QTL100E48	E	19.820	19.112	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	64.0	54.0
54	QTL100E54	E	22.210	21.498	C1	3 1/2	2 5/8	2 15/16	6	7/8	1 1/16	15/16	1 5/8	0.692	72.0	62.0
60	QTL100E60	E	24.600	23.884	C1	3 1/2	2 5/8	2 15/16	6	7/8	1 1/16	15/16	1 5/8	0.692	84.0	74.0
70	QTL100F70	F	28.580	27.862	C1	3 15/16	3 5/8	4	6 5/8	1	1 15/16	1 13/16	2 1/2	0.692	110.5	99.0
72	QTL100F72	F	29.380	28.657	C1	3 15/16	3 5/8	4	6 5/8	1	1 15/16	1 13/16	2 1/2	0.692	117.5	106
80	QTL100F80	F	32.570	31.839	C1	3 15/16	3 5/8	4	6 5/8	1	1 15/16	1 13/16	2 1/2	0.692	134.5	123
84	QTL100F84	F	34.160	33.430	C1	3 15/16	3 5/8	4	6 5/8	1	1 15/16	1 13/16	2 1/2	0.692	151.5	140

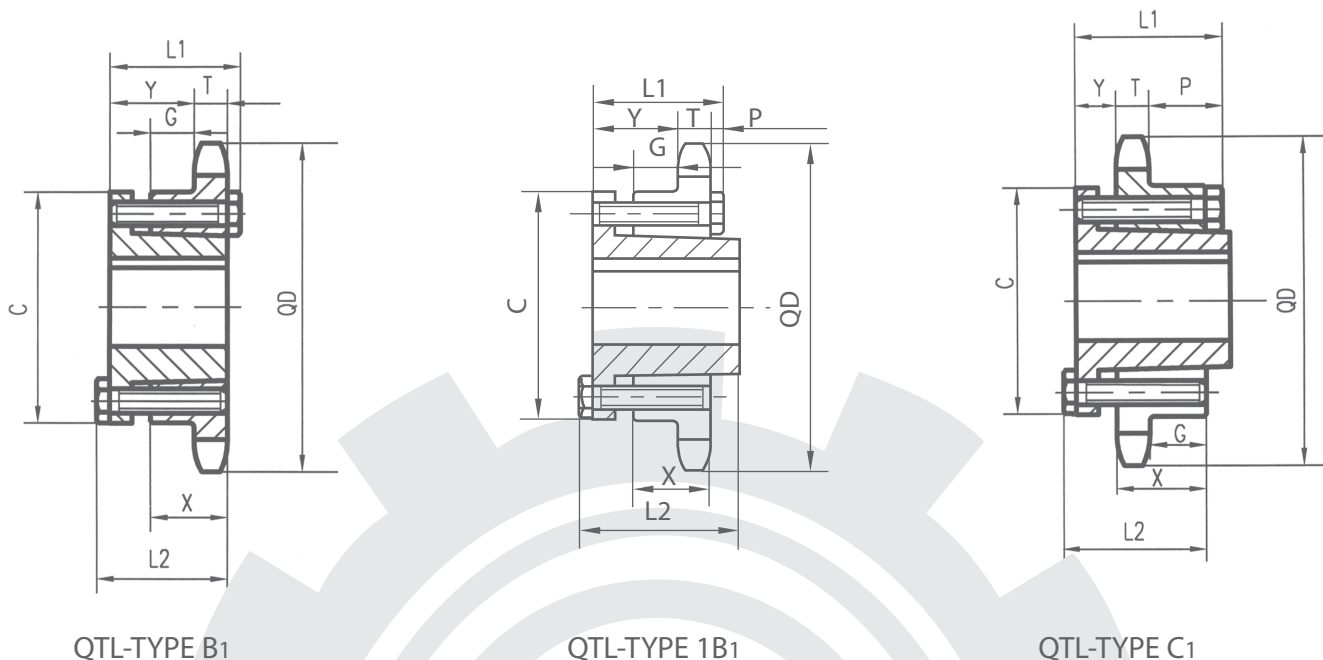


100-2 FOR 1 1/4" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
35	2QTL100F35	F	14.640	13.945	2C2	315/16	35/8	4	65/8	1	35/64	27/64	21/2	2.077	84.5	73	
45	2QTL100F45	F	18.630	17.920	2C2	315/16	35/8	4	65/8	1	35/64	27/64	21/2	2.077	92.5	81	
60	2QTL100J60	J	24.600	23.884	6C2	47/16	41/2	5	71/4	17/32	113/64	13/32	33/16	2.077	152	133	1/32
70	2QTL100J70	J	28.580	27.862	6C2	47/16	41/2	5	71/4	17/32	113/64	13/32	33/16	2.077	180	161	1/32
80	2QTL100J80	J	32.570	31.839	6C2	47/16	41/2	5	71/4	17/32	113/64	13/32	33/16	2.077	215	196	1/32

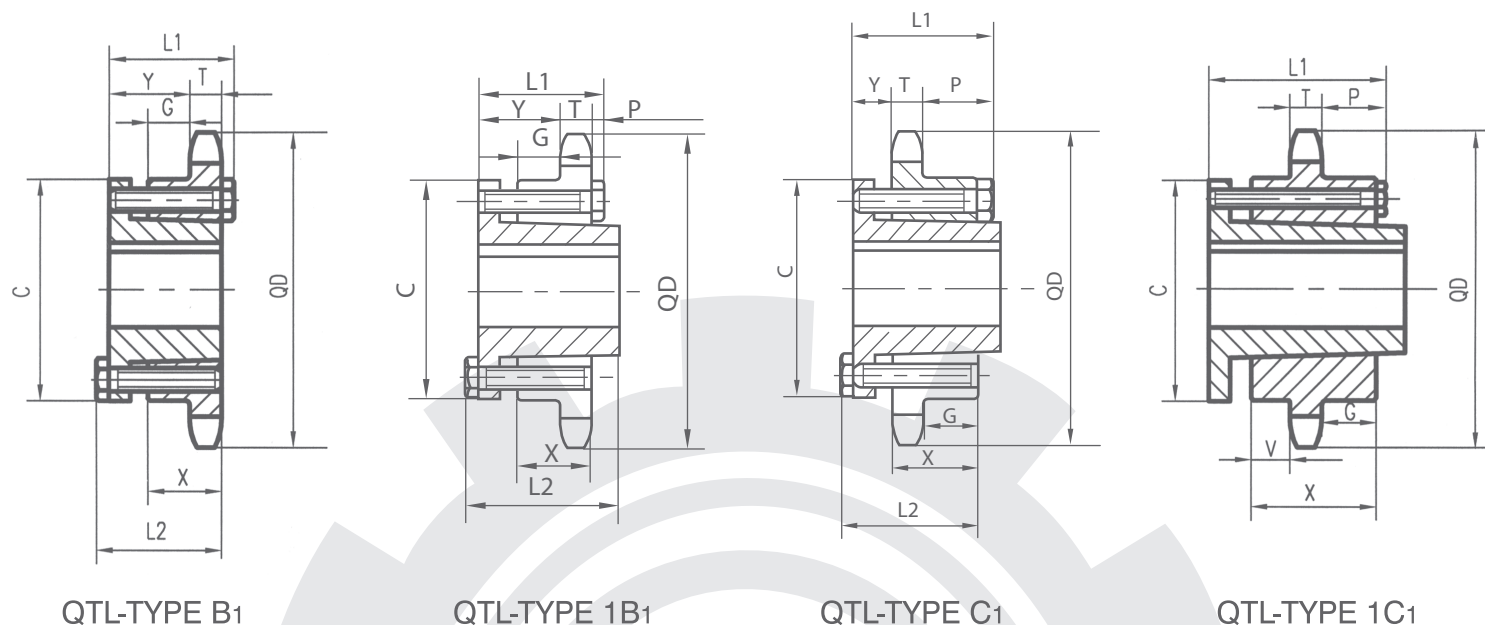
100-3 FOR 1 1/4" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
35	3QTL100F35	F	14.640	13.945	3B3	315/16	363/64	423/64	65/8	1/2	23/64	1/8	21/2	3.485	112	100	1/2
45	3QTL100F45	F	18.630	17.820	3B3	315/16	363/64	423/64	65/8	1/2	23/64	1/8	21/2	3.485	139	120	1/2
60	3QTL100J60	J	24.600	23.884	3C3	47/16	41/2	5	71/4	1/2	33/64	3/8	33/16	3.485	197	178	11/16
70	3QTL100J70	J	28.580	27.862	3C3	47/16	41/2	5	71/4	1/2	33/64	3/8	33/16	3.485	247	228	11/16
80	3QTL100J80	J	32.570	31.839	3C3	47/16	41/2	5	71/4	1/2	33/64	3/8	33/16	3.485	287	268	11/16



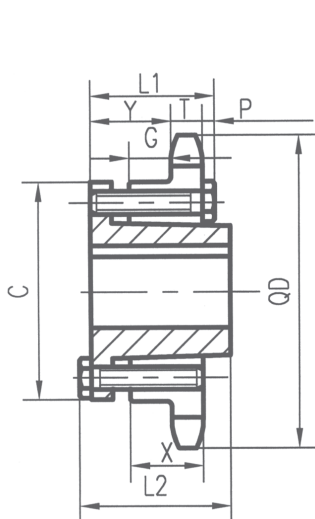
120-1 FOR 1 1/2" PITCH ANSI CHAIN

TEETH No.	CATALOG NUMBER	BUSH	DIAMETERS		TYPE	MAX.	DIMENSIONS								WEIGHT (APP.)	
			O.D.	P.D.			L1	L2	C	Y	p	G	X	T	WITH HUB	RIM ONLY
12	QTL120SF12H	SF	6.500	5.796	B1	215/16	21/4	21/4	45/8	15/64		21/64	11/4	0.924	7.7	4.7
13	QTL120SF13H	SF	6.990	6.268	B1	215/16	21/4	21/4	45/8	15/64		21/64	11/4	0.924	9.1	6.1
14	QTL120SF14H	SF	7.470	6.741	B1	215/16	21/4	21/4	45/8	15/64		21/64	11/4	0.924	10.4	7.4
15	QTL120SF15H	SF	7.960	7.215	B1	215/16	21/4	21/4	45/8	15/64		21/64	11/4	0.924	11.8	8.8
16	QTL120E16H	E	8.440	7.689	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	21.2	11.2
17	QTL120E17H	E	8.920	8.163	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	23.4	13.4
18	QTL120E18H	E	9.410	8.638	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	24.8	14.8
19	QTL120E19H	E	9.890	9.113	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	26.5	16.5
20	QTL120E20H	E	10.370	9.589	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	29.2	19.2
21	QTL120E21H	E	10.850	10.064	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	29.9	19.9
22	QTL120E22H	E	11.330	10.540	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	31.6	21.6
23	QTL120E23H	E	11.810	11.016	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	33.8	23.6
24	QTL120E24H	E	12.290	11.492	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	35.8	25.8
25	QTL120E25H	E	12.770	11.968	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	38.1	28.1
26	QTL120E26H	E	13.250	12.444	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	39.9	29.9
28	QTL120E28H	E	14.210	13.397	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	49.7	39.9
30	QTL120E30H	E	15.170	14.350	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	54.0	44.0
32	QTL120F32	F	16.130	15.303	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	62.0	50.5
35	QTL120F35	F	17.570	16.734	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	71.0	59.5
36	QTL120F36	F	18.050	17.211	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	74.9	63.4
40	QTL120F40	F	19.960	19.118	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	88.5	77.0
42	QTL120F42	F	20.920	20.072	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	94.5	83.0
45	QTL120F45	F	22.350	21.503	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	95.5	84.0
48	QTL120F48	F	23.790	22.935	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	103.5	92.0
54	QTL120F54	F	26.650	25.798	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	125	114
60	QTL120J60	J	29.520	28.661	C1	47/16	41/2	5	71/4	13/16	25/16	217/64	33/16	0.924	159	140
70	QTL120J70	J	34.300	33.434	C1	47/16	41/2	5	71/4	13/16	25/16	217/64	33/16	0.924	196	177
80	QTL120J80	J	39.080	38.207	C1	47/16	41/2	5	71/4	13/16	25/16	217/64	33/16	0.924	241	222

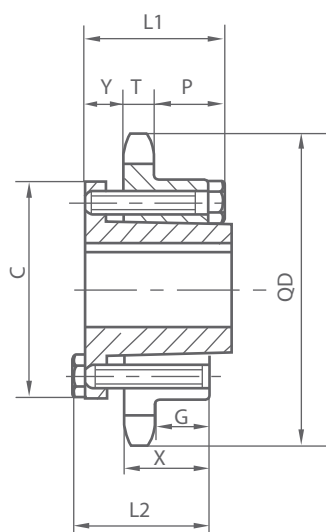


140-1 FOR 1 3/4" PITCH ANSI CHAIN

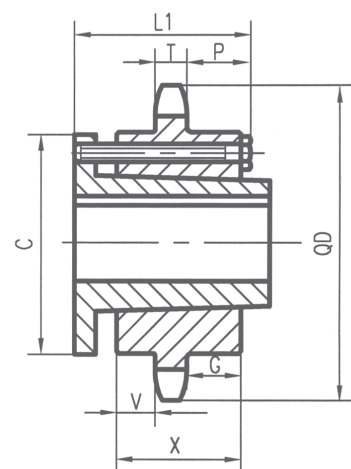
TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
11	QTL140SF11H	SF	7.01	6.212	B1	215/16	21/4	21/4	45/8	15/64	—	21/64	11/4	0.924	8.6	5.6	
12	QTL140SF12H	SF	7.58	6.762	B1	215/16	21/4	21/4	45/8	15/64	—	21/64	11/4	0.924	10.4	7.4	
13	QTL140SF13H	SF	8.15	7.313	B1	215/16	21/4	21/4	45/8	15/64	—	21/64	11/4	0.924	11.9	8.9	
14	QTL140E14H	E	8.72	7.864	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	21.6	11.6	
15	QTL140E15H	E	9.28	8.417	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	24.2	14.2	
16	QTL140E16H	E	9.85	8.970	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	25.9	15.9	
17	QTL140E17H	E	10.41	9.524	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	28.0	18.0	
18	QTL140E18H	E	10.98	10.078	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	29.6	19.6	
19	QTL140E19H	E	11.54	10.632	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	32.0	22.0	
20	QTL140E20H	E	12.10	11.187	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	34.6	24.6	
21	QTL140E21H	E	12.66	11.742	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	37.6	27.6	
22	QTL140E22H	E	13.22	12.297	1B1	31/2	25/8	215/16	6	19/16	1/8	45/64	15/8	0.924	39.5	29.5	
23	QTL140F23H	F	13.78	12.852	1B1	315/16	35/8	4	65/8	29/16	1/8	137/64	21/2	0.924	48.0	36.4	
24	QTL140F24H	F	14.34	13.407	1B1	315/16	35/8	4	65/8	29/16	1/8	137/64	21/2	0.924	51.6	40.1	
25	QTL140F25H	F	14.90	13.963	1B1	315/16	35/8	4	65/8	29/16	1/8	137/64	21/2	0.924	53.8	42.3	
26	QTL140F26	F	15.46	14.518	1B1	315/16	35/8	4	65/8	29/16	1/8	137/64	21/2	0.924	58.0	46.5	
30	QTL140F30	F	17.70	16.742	1B1	315/16	35/8	4	65/8	29/16	1/8	137/64	21/2	0.924	72.0	60.4	
35	QTL140F35	F	20.49	19.523	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	89.5	78.0	
36	QTL140F36	F	21.05	20.079	C1	315/16	35/8	4	65/8	1	111/16	137/64	21/2	0.924	95.5	84.0	
40	QTL140J40	J	23.29	22.305	C1	47/16	41/2	5	71/4	13/16	23/8	217/64	33/16	0.924	117	98.0	
45	QTL140J45	J	26.08	25.087	C1	47/16	41/2	5	71/4	13/16	23/8	217/64	33/16	0.924	139	120	
48	QTL140J48	J	27.75	26.757	C1	47/16	41/2	5	71/4	13/16	23/8	217/64	33/16	0.924	148	129	
54	QTL140J54	J	31.10	30.097	C1	47/16	41/2	5	71/4	13/16	23/8	217/64	33/16	0.924	168	149	
60	QTL140J60	J	34.44	33.438	C1	47/16	41/2	5	71/4	13/16	23/8	217/64	33/16	0.924	205	186	
70	QTL140M70	M	40.02	39.006	1C1	51/2	63/4	63/4	9	229/32	229/32	217/32	53/16	0.924	301	264	113/32
80	QTL140M80	M	45.59	44.575	1C1	51/2	63/4	63/4	9	229/32	229/32	217/32	53/16	0.924	385	348	113/32



QTL-TYPE 1B1



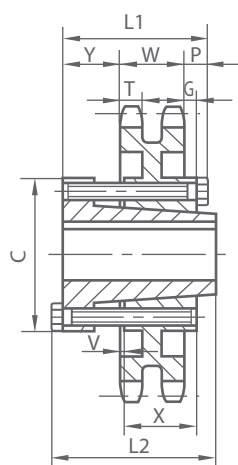
QTL-TYPE C1



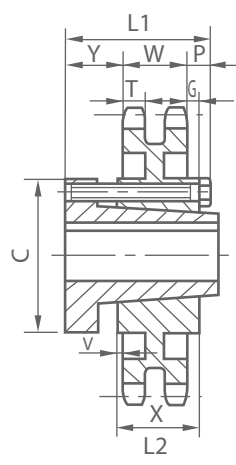
QTL-TYPE 1C1

160-1 FOR 2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS V
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
12	QTL160E12H	E	8.660	7.727	1B1	31/2	25/8	215/16	6	15/16	1/8	15/32	15/8	1.156	21.0	11	
13	QTL160E13H	E	9.310	8.357	1B1	31/2	25/8	215/16	6	15/16	1/8	15/32	15/8	1.156	24.0	14	
14	QTL160E14H	E	9.960	8.988	1B1	31/2	25/8	215/16	6	15/16	1/8	15/32	15/8	1.156	26.0	16	
15	QTL160F15H	F	10.610	9.620	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	35.5	24	
16	QTL160F16H	F	11.260	10.252	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	38.5	27	
17	QTL160F17H	F	11.900	10.885	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	42.5	31	
18	QTL160F18H	F	12.540	11.518	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	46.5	35	
19	QTL160F19H	F	13.190	12.151	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	49.5	38	
20	QTL160F20H	F	13.830	12.785	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	53.5	42	
21	QTL160F21H	F	14.740	13.419	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	56.5	45	
22	QTL160F22H	F	15.110	14.053	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	62.5	51	
23	QTL160F23H	F	15.750	14.688	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	66.5	55	
24	QTL160F24H	F	16.390	15.323	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	70.5	59	
25	QTL160F25H	F	17.030	15.958	1B1	315/16	35/8	4	65/8	25/16	1/8	111/32	21/2	1.156	75.5	61	
26	QTL160J26	J	17.670	16.593	C1	47/16	41/2	5	71/4	13/16	21/8	21/32	33/16	1.156	92.5	74	
28	QTL160J28	J	18.950	17.863	C1	47/16	41/2	5	71/4	13/16	21/8	21/32	33/16	1.156	103	84	
30	QTL160J30	J	20.230	19.134	C1	47/16	41/2	5	71/4	13/16	21/8	21/32	33/16	1.156	115	96	
35	QTL160J35	J	23.420	22.312	C1	47/16	41/2	5	71/4	13/16	21/8	21/32	33/16	1.156	135	116	
40	QTL160M40	M	26.610	25.491	1C1	51/2	63/4	63/4	9	211/16	211/16	213/32	53/16	1.156	211	174	119/32
45	QTL160M45	M	29.800	28.671	1C1	51/2	63/4	63/4	9	211/16	211/16	213/32	53/16	1.156	245	208	119/32
54	QTL160M54	M	35.540	34.397	1C1	51/2	63/4	63/4	9	211/16	211/16	213/32	53/16	1.156	299	262	119/32
60	QTL160M60	M	39.360	38.215	1C1	51/2	63/4	63/4	9	211/16	211/16	213/32	53/16	1.156	347	310	119/32
70	QTL160M70	M	45.730	44.578	1C1	51/2	63/4	63/4	9	211/16	211/16	213/32	53/16	1.156	468	431	119/32
80	QTL160M80	M	52.100	50.943	1C1	51/2	63/4	63/4	9	211/16	211/16	213/32	53/16	1.156	567	530	119/32



QTL-TYPE 5C2



QTL-TYPE 6C2

120-2 FOR 1 1/2" PITCH ANSI CHAIN

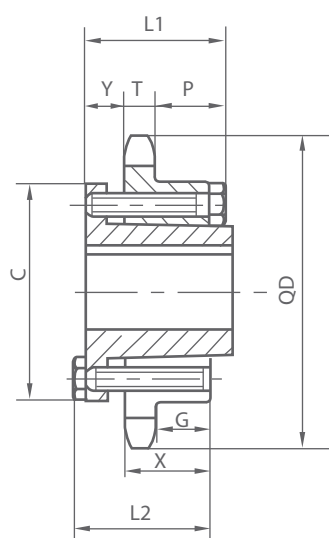
TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
30	2QTL120J30	J	15.170	14.350	5C2	47/16	4 1/2	5	7 1/4	11/32	25/32	21/32	33/16	2.683	97.5	78.0	5/32
35	2QTL120J35	J	17.570	16.734	5C2	47/16	4 1/2	5	7 1/4	11/32	25/32	21/32	33/16	2.683	112	93.0	5/32
45	2QTL120J45	J	22.350	21.502	5C2	47/16	4 1/2	5	7 1/4	11/32	25/32	21/32	33/16	2.683	157	138	5/32
60	2QTL120M60	M	29.520	28.661	6C2	5 1/2	6 3/4	6 3/4	9	29/32	1 25/32	1 21/32	53/16	2.683	271	234	27/32

140-2 FOR 1 3/4" PITCH ANSI CHAIN

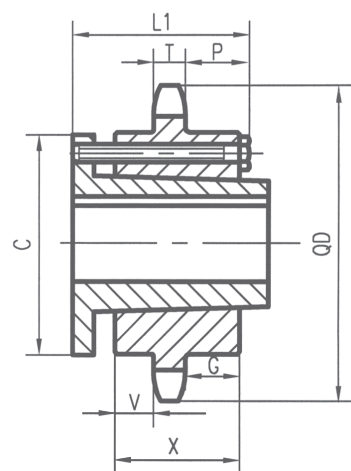
TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
35	2QTL140J35	J	20.490	19.523	5C2	47/16	4 1/2	5	7 1/4	31/32	23/32	19/32	33/16	2.818	137	128	7/32
45	2QTL140J45	J	26.080	25.087	5C2	47/16	4 1/2	5	7 1/4	31/32	23/32	19/32	33/16	2.818	195	176	7/32
60	2QTL140M60	M	34.440	33.438	6C2	5 1/2	6 3/4	6 3/4	9	27/32	1 23/32	1 19/32	53/16	2.818	339	302	25/32

160-2 FOR 2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
35	2QTL160M35	M	23.420	22.312	6C2	5 1/2	6 3/4	6 3/4	9	23/64	19/32	15/32	53/16	3.424	259	222	36/64
45	2QTL160N45	N	29.800	28.671	6C2	57/8	8 1/8	8 1/8	10	211/32	223/64	25/32	61/4	3.424	377	340	21/32
60	2QTL160N60	N	39.360	38.215	6C2	57/8	8 1/8	8 1/8	10	211/32	223/64	25/32	61/4	3.424	509	472	21/32



QTL-TYPE C1



QTL-TYPE 1C1

200-1 FOR 2 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NUMBER	BUSH	DIMENSIONS		TYPE	MAX. BORE	DIMENSIONS								WEIGHT (APP.)		DIMENS V
			O.D	P.D			L1	L2	C	Y	P	G	X	W	WITH HUB	RIM ONLY	
12	QTL200F12	F	10.830	9.660	C1	3 15/16	3 5/8	4	6 5/8	1	1 5/16	1 1/8	2 1/2	1.389	25.5	24	
13	QTL200J13	J	11.640	10.447	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2	1 13/16	3 3/16	1.389	50.5	32	
14	QTL200J14	J	12.460	11.235	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2	1 13/16	3 3/16	1.389	57.5	39	
15	QTL200J15	J	13.260	12.025	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2	1 13/16	3 3/16	1.389	62.5	44	
16	QTL200J16	J	14.070	12.815	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2	1 13/16	3 3/16	1.389	68.5	50	
17	QTL200M17	M	14.870	13.605	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	113	76	1 1/2
18	QTL200M18	M	15.680	14.397	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	119	82	1 1/2
19	QTL200M19	M	16.480	15.910	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	125	88	1 1/2
20	QTL200M20	M	17.290	15.982	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	134	97	1 1/2
21	QTL200M21	M	18.090	16.775	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	140	103	1 1/2
22	QTL200M22	M	18.890	17.567	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	149	112	1 1/2
23	QTL200M23	M	19.690	18.360	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	157	120	1 1/2
24	QTL200M24	M	20.490	19.152	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	168	131	1 1/2
25	QTL200M25	M	21.290	19.947	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	175	138	1 1/2
26	QTL200M26	M	22.090	20.740	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	185	148	1 1/2
28	QTL200M28	M	23.690	22.330	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	205	168	1 1/2
30	QTL200M30	M	25.290	23.917	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	227	190	1 1/2
32	QTL200M32	M	26.880	25.505	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	251	214	1 1/2
35	QTL200M35	M	29.280	27.890	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	265	228	1 1/2
40	QTL200M40	M	33.270	31.865	1C1	5 1/2	6 3/4	6 3/4	9	2 23/32	2 23/32	2 5/16	5 3/16	1.389	315	278	1 1/2
45	QTL200N45	N	37.250	35.840	1C1	5 7/8	8 1/8	8 1/8	10	3 13/32	3 13/32	3 3/16	6 1/4	1.389	405	348	1 11/16
54	QTL200N54	N	44.420	42.995	1C1	5 7/8	8 1/8	8 1/8	10	3 13/32	3 13/32	3 3/16	6 1/4	1.389	535	478	1 11/16
60	QTL200N60	N	49.200	47.767	1C1	5 7/8	8 1/8	8 1/8	10	3 13/32	3 13/32	3 3/16	6 1/4	1.389	665	608	1 11/16