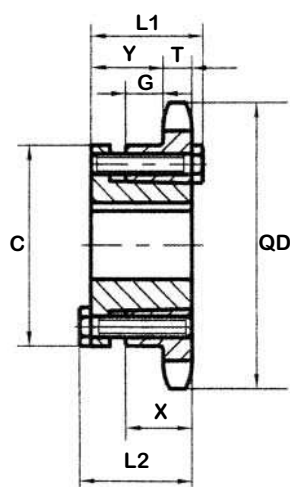


American Standard (ANSI) Sprockets For QD Bushings



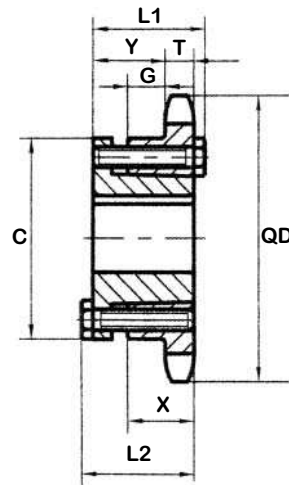
QD Type B1

35-1 For 3/8" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	G	X	T	Rim Only	Bush Only
QD35JA19H	19	JA	2.470	2.278	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.18	0.28
QD35JA20H	20	JA	2.590	2.397	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.22	0.32
QD35JA21H	21	JA	2.710	2.516	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.24	0.34
QD35JA22H	22	JA	2.830	2.635	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.26	0.36
QD35JA23H	23	JA	2.950	2.754	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.26	0.38
QD35JA24H	24	JA	3.070	2.873	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.28	0.40
QD35JA25H	25	JA	3.190	2.992	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.30	0.44
QD35JA26H	26	JA	3.310	3.111	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.34	0.46
QD35JA27H	27	JA	3.430	3.230	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.36	0.48
QD35JA28H	28	JA	3.550	3.349	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.38	0.52
QD35JA30H	30	JA	3.790	3.588	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.42	0.56
QD35JA32H	32	JA	4.030	3.826	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.46	0.78
QD35JA35H	35	JA	4.390	4.183	B1	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	0.168	1.68	1.04
QD35SH36H	36	SH	4.510	4.303	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	1.94	1.06
QD35SH40H	40	SH	4.990	4.780	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	2.06	1.18
QD35SH42	42	SH	5.230	5.018	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	2.18	1.26
QD35SH45	45	SH	5.590	5.376	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	2.26	1.40
QD35SH48	48	SH	5.950	5.734	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	2.40	1.58
QD35SH54	54	SH	6.660	6.449	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	2.58	1.88
QD35SH60	60	SH	7.380	7.165	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	2.88	2.28
QD35SH70	70	SH	8.580	8.358	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	3.28	2.94
QD35SH72	72	SH	8.810	8.597	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	3.94	3.14
QD35SH80	80	SH	9.770	9.552	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	4.14	3.68
QD35SH84	84	SH	10.250	10.029	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	4.68	3.96
QD35SH96	96	SH	11.680	11.461	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	6.38	5.38
QD35SH112	112	SH	13.590	13.371	B1	1 5/8	1 7/16	1 7/16	2 11/16	1 5/64	41/64	13/16	0.168	7.60	6.60



American Standard (ANSI) Sprockets For QD Bushings

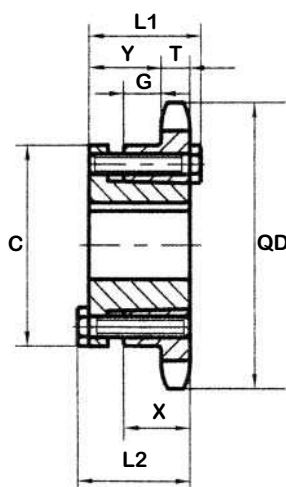


QD Type B1

40-1 For 1/2" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	G	X	T	Rim Only	Bush Only
QD40JA15	15	JA	2.650	2.405	B1	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.24	0.34
QD40JA16	16	JA	2.810	2.563	B1	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.30	0.40
QD40JA17	17	JA	2.980	2.721	B1	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.38	0.48
QD40JA18	18	JA	3.140	2.879	B1	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.44	0.54
QD40JA19	19	JA	3.300	3.038	B1	1 1/4	1 1/8	1 1/8	2 1/16	23/32	11/32	5/8	0.284	1.50	0.60
QD40SH20	20	SH	3.460	3.196	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	1.76	0.76
QD40SH21	21	SH	3.620	3.355	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	1.84	0.84
QD40SH22	22	SH	3.780	3.513	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	1.92	0.92
QD40SH23	23	SH	3.940	3.672	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.14	1.14
QD40SH24	24	SH	4.100	3.831	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.22	1.22
QD40SH25	25	SH	4.260	3.989	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.30	1.30
QD40SH26	26	SH	4.420	4.148	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.44	1.44
QD40SH27	27	SH	4.580	4.307	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.46	1.46
QD40SH28	28	SH	4.740	4.466	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.54	1.54
QD40SH30	30	SH	5.060	4.783	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.72	1.72
QD40SH32	32	SH	5.380	5.101	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	2.90	1.90
QD40SH35	35	SH	5.860	5.578	B1	1 5/8	1 7/16	1 7/16	2 11/16	31/32	17/32	13/16	0.284	3.22	2.22
QD40SDS36	36	SDS	6.020	5.737	B1	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	3.20	2.20
QD40SDS40	40	SDS	6.650	6.373	B1	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	3.72	2.72
QD40SDS42	42	SDS	6.970	6.691	B1	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	3.92	2.92
QD40SDS45	45	SDS	7.450	7.168	B1	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	4.32	3.32
QD40SDS48	48	SDS	7.930	7.645	B1	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	4.70	3.70
QD40SDS54	54	SDS	8.890	8.599	B1	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	5.78	4.78
QD40SDS60	60	SD	9.840	9.554	B1	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	6.86	5.86
QD40SK70	70	SK	11.430	11.145	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/32	31/32	1 1/4	0.284	10.68	8.68
QD40SK72	72	SK	11.750	11.463	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/32	31/32	1 1/4	0.284	10.84	8.84
QD40SK80	80	SK	13.030	12.736	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/32	31/32	1 1/4	0.284	13.20	11.20
QD40SK84	84	SK	13.660	13.371	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/32	31/32	1 1/4	0.284	13.56	11.56
QD40SK96	96	SK	15.570	15.281	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/32	31/32	1 1/4	0.284	17.76	15.76
QD40SK112	112	SK	18.120	17.828	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/32	31/32	1 1/4	0.284	22.28	20.28

American Standard (ANSI) Sprockets For QD Bushings

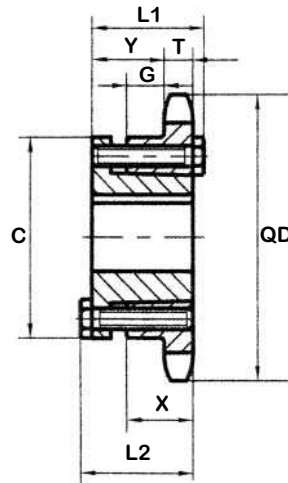


QD Type B1

50-1 For 5/8" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	G	X	T	With Hub	Rim Only
QD50JA12H	12	JA	2.710	2.415	B1	1 1/4	1 1/8	1 1/8	2 1/16	21/32	9/32	5/8	0.343	1.24	0.34
QD50JA13H	13	JA	2.910	2.612	B1	1 1/4	1 1/8	1 1/8	2 1/16	21/32	9/32	5/8	0.343	1.30	0.40
QD50JA14H	14	JA	3.110	2.803	B1	1 1/4	1 1/8	1 1/8	2 1/16	21/32	9/32	5/8	0.343	1.45	0.52
QD50JA15H	15	JA	3.320	3.006	B1	1 1/4	1 1/8	1 1/8	2 1/16	21/32	9/32	5/8	0.343	1.50	0.60
QD50JA16H	16	JA	3.520	3.204	B1	1 1/4	1 1/8	1 1/8	2 1/16	21/32	9/32	5/8	0.343	1.58	0.68
QD50JA17H	17	JA	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
QD50SH18H	18	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
QD50SH19H	19	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
QD50SDS20H	20	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
QD50SDS21H	21	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
QD50SDS22H	22	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
QD50SDS23H	23	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
QD50SDS24H	24	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
QD50SDS25H	25	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
QD50SDS26H	26	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
QD50SDS27H	27	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
QD50SDS28H	28	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
QD50SDS30H	30	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
QD50SDS32H	32	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
QD50SDS35H	35	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
QD50SDS36H	36	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
QD50SDS40	40	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
QD50SDS42	42	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
QD50SDS45	45	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
QD50SDS48	48	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
QD50SK54	54	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
QD50SK60	60	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
QD50SK70	70	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	15.52
QD50SK72	72	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
QD50SF80	80	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
QD50SF84	84	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
QD50SF96	96	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
QD50SF112	112	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

American Standard (ANSI) Sprockets For QD Bushings

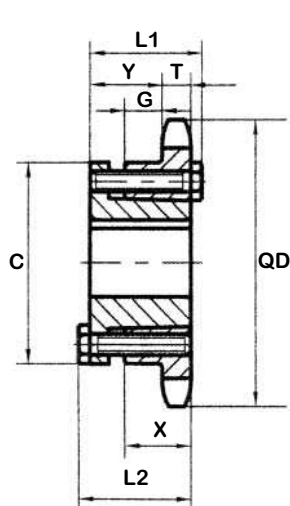


QD Type B1

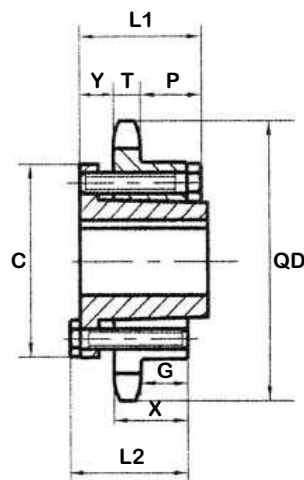
60-1 For 3/4" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	G	X	T	With Hub	Rim Only
QD60JA11H	11	JA	3.000	2.662	B1	1 1/4	1 1/8	1 1/8	2 1/6	35/64	11/64	5/8	0.459	1.36	0.46
QD60JA12H	12	JA	3.250	2.898	B1	1 1/4	1 1/8	1 1/8	2 1/6	35/64	11/64	5/8	0.459	1.50	0.60
QD60JA13H	13	JA	3.490	3.134	B1	1 1/4	1 1/8	1 1/8	2 1/6	35/64	11/64	5/8	0.459	1.66	0.76
QD60SH14H	14	SH	3.740	3.371	B1	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	13/16	0.459	1.88	0.88
QD60SH15H	15	SH	3.980	3.607	B1	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	13/16	0.459	2.08	1.08
QD60SH16H	16	SH	4.220	3.844	B1	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	13/16	0.459	2.26	1.26
QD60SDS17H	17	SDS	4.460	4.082	B1	2	1 1/2	1 7/16	3 3/16	55/64	19/64	3/4	0.459	2.38	1.38
QD60SDS18H	18	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
QD60SDS19H	19	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
QD60SDS20H	20	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
QD60SDS21H	21	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
QD60SDS22H	22	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
QD60SDS23H	23	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
QD60SDS24H	24	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
QD60SDS25H	25	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
QD60SK26H	26	SK	6.630	6.222	B1	2 5/8	2 1/8	1 1/2	3 7/8	1 27/64	51/64	1 1/4	0.459	6.18	4.52
QD60SK27H	27	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
QD60SK28H	28	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
QD60SK30H	30	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
QD60SK32H	32	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
QD60SK35H	35	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
QD60SK36H	36	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
QD60SK40	40	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
QD60SF42	42	SF	10.460	10.036	B1	2 15/16	2 1/4	2 1/8	4 5/8	1 35/64	51/64	1 1/4	0.459	13.78	12.40
QD60SF45	45	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
QD60SF48	48	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
QD60SF54	54	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
QD60SF60	60	SF	14.760	14.330	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	20.76	20.76
QD60SF70	70	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
QD60SF72	72	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
QD60SF80	80	SF	19.540	19.103	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
QD60SF84	84	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
QD60SF96	96	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
QD60E112	112	E	27.180	26.742	B1	3 1/2	2 1/4	2 15/16	6	2 3/16	1 11/64	1 5/8	0.459	83.76	73.76

American Standard (ANSI) Sprockets For QD Bushings



QD Type B1

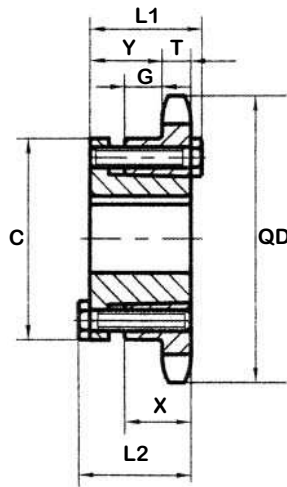


QD Type C1

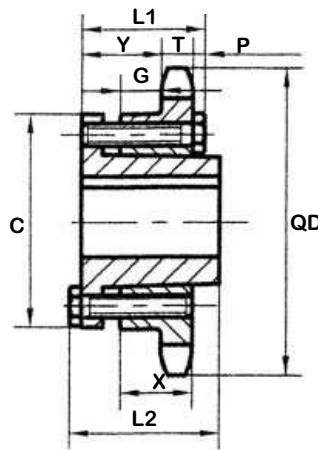
80-1 For 1" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	p	G	X	T	With Hub	Rim Only
QD80SH11H	11	SH	4.010	3.550	B1	1 5/8	1 7/16	1 7/16	2 11/16	21/32	-	15/64	13/16	0.575	2.00	1.00
QD80SH12H	12	SH	4.330	3.864	B1	1 5/8	1 7/16	1 7/16	2 11/16	21/32	-	15/64	13/16	0.575	2.40	1.40
QD80SDS13H	13	SDS	4.660	4.179	B1	2	1 1/2	1 1/2	3 3/16	47/64	-	11/64	3/4	0.575	2.50	1.50
QD80SDS14H	14	SDS	4.980	4.494	B1	2	1 1/2	1 1/2	3 3/16	47/64	-	11/64	3/4	0.575	2.80	1.80
QD80SK15H	15	SK	5.300	4.810	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/64	-	21/32	1 1/4	0.575	4.50	2.50
QD80SK16H	16	SK	5.630	5.126	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/64	-	21/32	1 1/4	0.575	5.10	3.10
QD80SK17H	17	SK	5.950	5.442	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/64	-	21/32	1 1/4	0.575	5.50	3.50
QD80SK18H	18	SK	6.270	5.759	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/64	-	21/32	1 1/4	0.575	5.90	3.90
QD80SK19H	19	SK	6.590	6.076	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 19/64	-	21/32	1 1/4	0.575	6.40	4.40
QD80SF20H	20	SF	6.910	6.392	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	8.30	5.30
QD80SF21H	21	SF	7.240	6.710	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	8.70	5.70
QD80SF22H	22	SF	7.560	7.027	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	9.30	6.30
QD80SF23H	23	SF	7.880	7.344	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	9.80	6.80
QD80SF24H	24	SF	8.200	7.661	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	10.50	7.50
QD80SF25H	25	SF	8.520	7.979	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	11.00	8.00
QD80SF26H	26	SF	8.840	8.296	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	11.60	8.60
QD80SF27H	27	SF	9.160	8.614	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	12.40	9.40
QD80SF28H	28	SF	9.480	8.931	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	13.20	10.20
QD80SF30H	30	SF	10.110	9.567	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	14.30	11.30
QD80SF32	32	SF	10.750	10.202	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	16.00	13.00
QD80SF33	33	SF	11.070	10.520	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	16.50	13.50
QD80SF34	34	SF	11.390	10.838	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	17.10	14.10
QD80SF35	35	SF	11.710	11.156	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	18.50	15.50
QD80SF36	36	SF	12.030	11.474	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	19.90	16.90
QD80SF40	40	SF	13.310	12.746	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	23.60	20.60
QD80SF42	42	SF	13.940	13.382	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	25.40	22.40
QD80SF45	45	SF	14.900	14.336	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	28.10	25.10
QD80SF48	48	SF	15.860	15.290	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	31.60	28.60
QD80SF54	54	SF	17.770	17.198	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	39.80	36.80
QD80SF60	60	SF	19.680	19.107	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 27/64	-	21/32	1 1/4	0.575	48.80	45.80
QD80E70	70	E	22.870	22.289	C1	3 1/2	2 5/8	2 15/16	6	7/8	1 3/16	1 3/64	1 5/8	0.575	65.60	55.60
QD80E72	72	E	23.500	22.926	C1	3 1/2	2 5/8	2 15/16	6	7/8	1 3/16	1 3/64	1 5/8	0.575	69.30	59.30
QD80E80	80	E	26.050	25.471	C1	3 1/2	2 5/8	2 15/16	6	7/8	1 3/16	1 3/64	1 5/8	0.575	79.20	69.20
QD80E84	84	E	27.330	26.744	C1	3 1/2	2 5/8	2 15/16	6	7/8	1 3/16	1 3/64	1 5/8	0.575	84.90	74.90
QD80E96	96	E	31.150	30.563	C1	3 1/2	2 5/8	2 15/16	6	7/8	1 3/16	1 3/64	1 5/8	0.575	108.00	97.50
QD80E112	112	E	36.240	35.655	C1	3 15/16	3 5/8	4	6 5/8	1	2 1/16	2 1/16	2 1/2	0.575	145.00	134.00

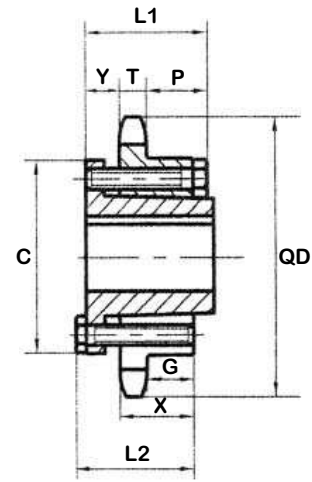
American Standard (ANSI) Sprockets For QD Bushings



QD Type B1



QD Type 1B1

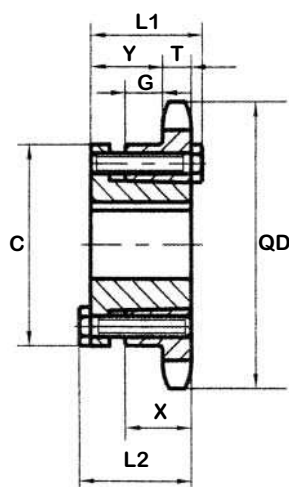


QD Type C1

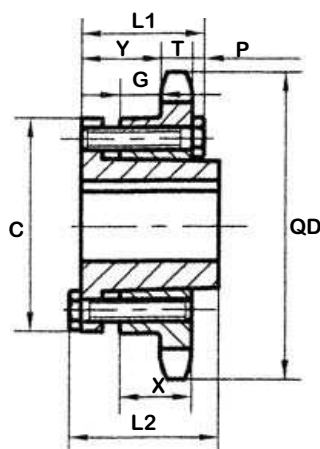
100-1 For 1" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	p	G	X	T	With Hub	Rim Only
	11	SDS	5.010	4.437	B1	2	1 1/2	1 1/2	3 3/16	5/8	-	1/16	3/4	0.692	3.00	2.00
	12	SDS	5.420	4.830	B1	2	1 1/2	1 1/2	3 3/16	5/8	-	1/16	3/4	0.692	3.60	2.60
	13	SK	5.820	5.223	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 13/64	-	9/16	1 1/4	0.692	5.30	3.30
	14	SK	6.230	5.617	B1	2 5/8	2 1/8	2 1/8	3 7/8	1 13/64	-	9/16	1 1/4	0.692	6.10	4.10
	15	SF	6.630	6.012	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 19/64	-	9/16	1 1/4	0.692	7.80	4.80
	16	SF	7.030	6.407	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 19/64	-	9/16	1 1/4	0.692	8.60	5.60
	17	SF	7.440	6.803	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 19/64	-	9/16	1 1/4	0.692	9.50	6.50
	18	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	19.00	9.00
	19	E	8.240	7.59	1B1	3 1/2	2 5/8	2 15/16	6	1 13/16	1/8	15/16	1 5/8	0.692	20.20	10.20
	20	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	21.60	11.60
	21	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	22.50	12.50
	22	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	23.50	13.50
	23	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	24.60	14.60
	24	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	25.70	15.70
	25	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	26.80	16.80
	26	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	28.10	18.10
	27	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	29.20	19.20
	28	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	30.70	20.70
	30	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	33.20	23.20
	32	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	35.40	25.40
	35	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	40.50	30.50
	36	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	42.50	32.50
	40	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	49.10	37.90
	42	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	53.40	43.40
	45	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	58.90	48.90
	48	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	64.00	54.00
	54	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	72.00	62.00
	60	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	84.00	74.00
	70	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	110.50	99.00
	72	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	117.50	106.00
	80	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	134.50	123.00
	84	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	151.50	140.00

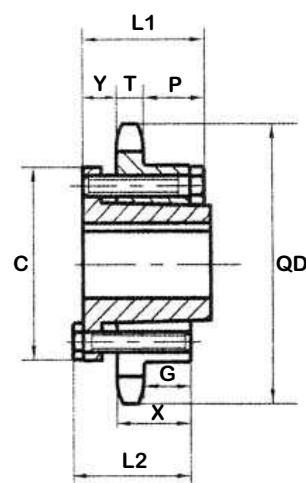
American Standard (ANSI) Sprockets For QD Bushings



QD Type B1



QD Type 1B1

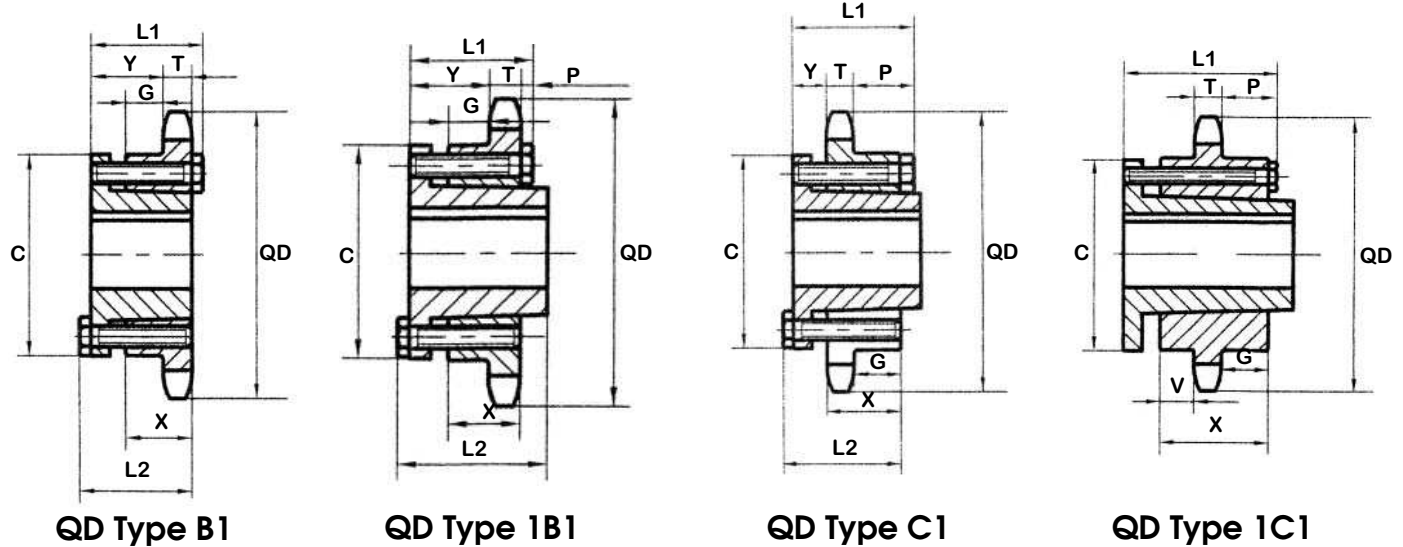


QD Type C1

120-1 For 1 1/2" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	p	G	X	T	With Hub	Rim Only
QD120SF12H	12	SF	6.500	5.796	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 5/64	-	21/64	1 1/4	0.924	7.70	4.70
QD120SF13H	13	SF	6.990	6.268	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 5/64	-	21/64	1 1/4	0.924	9.10	6.10
QD120SF14H	14	SF	7.470	6.741	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 5/64	-	21/64	1 1/4	0.924	10.40	7.40
QD120SF15H	15	SF	7.960	7.215	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 5/64	-	21/64	1 1/4	0.924	11.80	8.80
QD120E16H	16	E	8.440	7.689	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	21.20	11.20
QD120E17H	17	E	8.920	8.163	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	23.40	13.40
QD120E18H	18	E	9.410	8.638	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	24.80	14.80
QD120E19H	19	E	9.890	9.113	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	26.50	16.50
QD120E20H	20	E	10.370	9.589	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	29.20	19.20
QD120E21H	21	E	10.850	10.064	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	29.90	19.90
QD120E22	22	E	11.330	10.540	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	31.60	21.60
QD120E23	23	E	11.810	11.016	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	33.80	23.60
QD120E24	24	E	12.290	11.492	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	35.80	25.80
QD120E25	25	E	12.770	11.968	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	38.10	28.10
QD120E26	26	E	13.250	12.444	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	39.90	29.90
QD120E27	27	E			1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924		
QD120E28	28	E	14.210	13.397	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	49.70	39.90
QD120E30	30	E	15.170	14.350	1B1	3 1/2	2 5/8	2 15/16	6	1 19/64	1/8	45/64	1 5/8	0.924	54.00	44.00
QD120F32	32	F	16.130	15.303	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	62.00	50.50
QD120F35	35	F	17.570	16.734	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	71.00	59.50
QD120F36	36	F	18.050	17.211	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	74.90	63.40
QD120F40	40	F	19.960	19.118	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	88.50	77.00
QD120F42	42	F	20.920	20.071	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	94.50	83.00
QD120F45	45	F	22.350	21.503	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	95.50	84.00
QD120F48	48	F	23.790	22.935	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	103.50	92.00
QD120F54	54	F	26.650	25.798	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	125.00	114.00
QD120J60	60	J	29.520	28.661	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 5/16	2 17/64	3 3/16	0.924	159.00	140.00
QD120J70	70	J	34.300	33.434	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 5/16	2 17/64	3 3/16	0.924	196.00	177.00
QD120J80	80	J	39.080	38.207	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 5/16	2 17/64	3 3/16	0.924	241.00	222.00

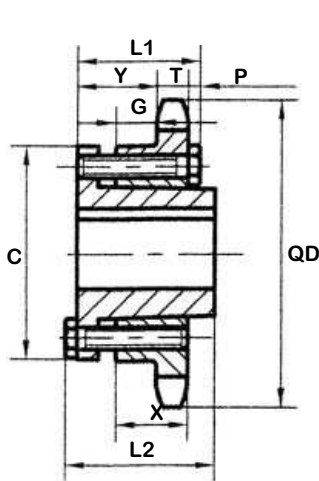
American Standard (ANSI) Sprockets For QD Bushings



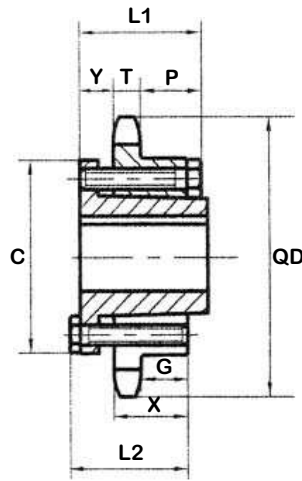
140-1 For 1 3/4" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	p	G	X	T	With Hub	Rim Only
QTL140SF11	11	SF	7.010	6.212	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 5/64	-	21/64	1 1/4	0.924	8.60	5.60
QTL140SF12	12	SF	7.580	6.762	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 5/64	-	21/64	1 1/4	0.924	10.40	7.40
QTL140SF13	13	SF	8.150	7.313	B1	2 15/16	2 1/4	2 1/4	4 5/8	1 5/64	-	21/64	1 1/4	0.924	11.90	8.90
QTL140E14	14	E	8.720	7.864	1B1	3 1/2	2 5/8	2 15/16	6	1 5/64	1/8	45/64	1 5/8	0.924	21.60	11.60
QTL140E15	15	E	9.280	8.417	1B1	3 1/2	2 5/8	2 15/16	6	1 5/64	1/8	45/64	1 5/8	0.924	24.20	14.20
QTL140E16	16	E	9.850	8.970	1B1	3 1/2	2 5/8	2 15/16	6	1 9/16	1/8	45/64	1 5/8	0.924	25.90	15.90
QTL140E17	17	E	10.420	9.524	1B1	3 1/2	2 5/8	2 15/16	6	1 9/16	1/8	45/64	1 5/8	0.924	28.00	18.00
QTL140E18	18	E	10.980	10.078	1B1	3 1/2	2 5/8	2 15/16	6	1 9/16	1/8	45/64	1 5/8	0.924	29.60	19.60
QTL140E19	19	E	11.540	10.632	1B1	3 1/2	2 5/8	2 15/16	6	1 9/16	1/8	45/64	1 5/8	0.924	32.00	22.00
QTL140E20	20	E	12.100	11.187	1B1	3 1/2	2 5/8	2 15/16	6	1 9/16	1/8	45/64	1 5/8	0.924	34.60	24.60
QTL140E21	21	E	12.660	11.742	1B1	3 1/2	2 5/8	2 15/16	6	1 9/16	1/8	45/64	1 5/8	0.924	37.96	27.60
QTL140E22	22	E	13.220	12.297	1B1	3 1/2	2 5/8	2 15/16	6	1 9/16	1/8	45/64	1 5/8	0.924	39.50	29.50
QTL140F23	23	F	13.780	12.852	1B1	3 15/16	3 5/8	4	6 5/8	2 9/16	1/8	1 37/64	2 1/2	0.924	48.00	36.40
QTL140F24	24	F	14.340	13.407	1B1	3 15/16	3 5/8	4	6 5/8	2 9/16	1/8	1 37/64	2 1/2	0.924	51.60	40.10
QTL140F25	25	F	14.900	13.963	1B1	3 15/16	3 5/8	4	6 5/8	2 9/16	1/8	1 37/64	2 1/2	0.924	53.80	42.30
QTL140F26	26	F	15.460	14.518	1B1	3 15/16	3 5/8	4	6 5/8	2 9/16	1/8	1 37/64	2 1/2	0.924	58.00	46.50
QTL140F30	30	F	17.700	16.742	1B1	3 15/16	3 5/8	4	6 5/8	2 9/16	1/8	1 37/64	2 1/2	0.924	72.00	60.40
QTL140F35	35	F	20.490	19.523	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	89.50	78.00
QTL140F36	36	F	21.050	20.079	C1	3 15/16	3 5/8	4	6 5/8	1	1 11/16	1 37/64	2 1/2	0.924	95.50	84.00
QTL140J40	40	J	23.290	22.305	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 3/8	2 17/64	3 3/16	0.924	117.00	98.00
QTL140J45	45	J	26.080	25.087	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 3/8	2 17/64	3 3/16	0.924	139.00	120.00
QTL140J48	48	J	27.750	26.757	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 3/8	2 17/64	3 3/16	0.924	148.00	129.00
QTL140J54	54	J	31.100	30.097	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 3/8	2 17/64	3 3/16	0.924	168.00	149.00
QTL140J60	60	J	34.440	33.438	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 3/8	2 17/64	3 3/16	0.924	205.00	186.00
QTL140M70	70	M	40.020	39.006	1C1	5 1/2	6 3/4	6 3/4	9	2 29/32	2 29/32	2 17/64	5 3/16	0.924	301.00	264.00
QTL140M80	80	M	45.590	44.575	1C1	5 1/2	6 3/4	6 3/4	9	2 29/32	2 29/32	2 17/64	5 3/16	0.924	385.00	348.00

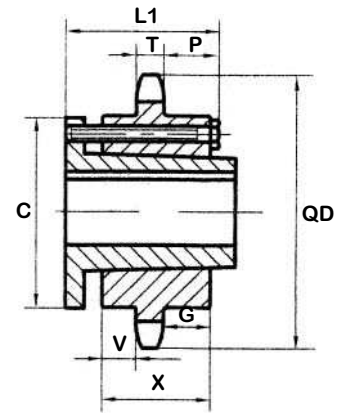
American Standard (ANSI) Sprockets For QD Bushings



QD Type 1B1



QD Type C1

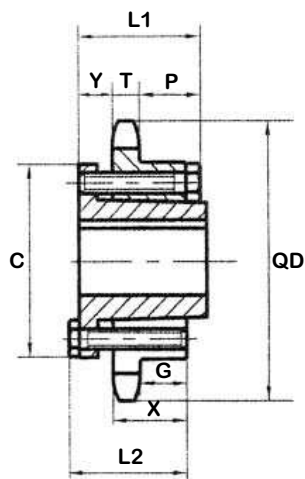


QD Type 1C1

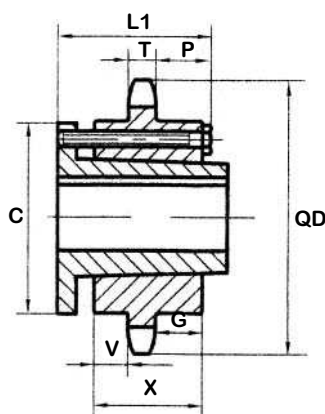
160-1 For 2" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	p	G	X	T	With Hub	Rim Only
QTL160E12H	12	E	8.660	7.727	1B1	3 1/2	2 5/8	2 15/16	6	1 5/16	1/8	15/32	1 5/8	1.156	21.00	11.00
QTL160E13H	13	E	9.310	8.357	1B1	3 1/2	2 5/8	2 15/16	6	1 5/16	1/8	15/32	1 5/8	1.156	24.00	14.00
QTL160E14H	14	E	9.960	8.988	1B1	3 1/2	2 5/8	2 15/16	6	1 5/16	1/8	15/32	1 5/8	1.156	26.00	16.00
QTL160F15H	15	F	10.610	9.620	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	35.50	24.00
QTL160F16H	16	F	11.260	10.252	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	38.50	27.00
QTL160F17H	17	F	11.900	10.885	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	42.50	31.00
QTL160F18H	18	F	12.540	11.518	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	46.50	35.00
QTL160F19H	19	F	13.190	12.151	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	49.50	38.00
QTL160F20H	20	F	13.830	12.785	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	53.50	42.00
QTL160F21H	21	F	14.740	13.419	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	56.50	45.00
QTL160F22	22	F	15.110	14.053	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	62.50	51.00
QTL160F23	23	F	15.750	14.688	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	66.50	55.00
QTL160F24	24	F	16.390	15.323	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	70.50	59.00
QTL160F25	25	F	17.030	15.958	1B1	3 15/16	3 5/8	4	6 5/8	2 5/16	1/8	1 11/32	2 1/2	1.156	75.50	61.00
QTL160J26	26	J	17.670	16.593	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 1/8	2 1/32	3 3/16	1.156	92.50	74.00
QTL160J28	28	J	18.950	17.863	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 1/8	2 1/32	3 3/16	1.156	103.00	84.00
QTL160J30	30	J	20.230	19.134	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 1/8	2 1/32	3 3/16	1.156	115.00	96.00
QTL160J35	35	J	23.420	22.312	C1	4 7/16	4 1/2	5	7 1/4	1 3/16	2 1/8	2 1/32	3 3/16	1.156	135.00	116.00
QTL160M40	40	M	26.610	25.491	1C1	5 1/2	6 3/4	6 3/4	9	2 11/16	2 11/16	2 13/32	5 3/16	1.156	211.00	174.00
QTL160M45	45	M	29.800	28.671	1C1	5 1/2	6 3/4	6 3/4	9	2 11/16	2 11/16	2 13/32	5 3/16	1.156	245.00	208.00
QTL160M54	54	M	35.540	34.397	1C1	5 1/2	6 3/4	6 3/4	9	2 11/16	2 11/16	2 13/32	5 3/16	1.156	299.00	262.00
QTL160M60	60	M	39.360	38.215	1C1	5 1/2	6 3/4	6 3/4	9	2 11/16	2 11/16	2 13/32	5 3/16	1.156	347.00	310.00
QTL160M70	70	M	45.730	44.578	1C1	5 1/2	6 3/4	6 3/4	9	2 11/16	2 11/16	2 13/32	5 3/16	1.156	468.00	431.00
QTL160M80	80	M	52.100	50.943	1C1	5 1/2	6 3/4	6 3/4	9	2 11/16	2 11/16	2 13/32	5 3/16	1.156	567.00	530.00

American Standard (ANSI) Sprockets For QD Bushings



QD Type C1



QD Type 1C1

200-1 For 2 1/2" Pitch ANSI Chain

Part No.	Teeth No.	Bush	O.D.	P.D.	Type	Max. Bore	L1	L2	C	Y	p	G	X	T	With Hub	Rim Only
QD200F12	12	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	25.50	24.00
QD200J13	13	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	50.50	32.00
QD200J14	14	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	57.50	39.00
QD200J15	15	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	62.50	44.00
QD200J16	16	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	68.50	50.00
QD200M17	17	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	113.00	76.00
QD200M18	18	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	119.00	82.00
QD200M19	19	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	125.00	88.00
QD200M20	20	M	17.290	15.980	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	134.00	97.00
QD200M21	21	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	140.00	103.00
QD200M22	22	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	149.00	112.00
QD200M23	23	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	157.00	120.00
QD200M24	24	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	168.00	131.00
QD200M25	25	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	175.00	138.00
QD200M26	26	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	185.00	148.00
QD200M28	28	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	205.00	168.00
QD200M30	30	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	227.00	190.00
QD200M32	32	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	251.00	214.00
QD200M35	35	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	265.00	228.00
QD200M40	40	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	315.00	278.00
QD200N45	45	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	405.00	348.00
QD200N54	54	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	535.00	478.00
QD200N60	60	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	665.00	608.00