

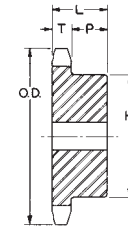
SPROCKETS FOR No. 50. $\frac{5}{8}$ " PITCH ANSI CHAIN

TABLE No. 1 STEEL TYPE "B" MINIMUM BORE SINGLE SPROCKETS

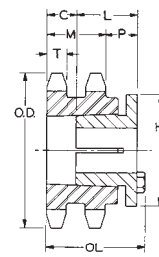
Hardened Teeth

PART No.	DIAMETERS		No. TEETH	TYPE	BORE		DIMENSIONS					Wt. Lbs.
	OUTSIDE	PITCH			STOCK	MAX.*	T NOM.	L MAX.	P	H		
SMALLER SIZES ON PRECEDING PAGES												
50B38	7.92	7.569	38	B	$\frac{3}{4}$	2 $\frac{1}{4}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{1}{4}$	6.0
50B39	8.12	7.767	39	B	$\frac{3}{4}$	2 $\frac{1}{4}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{1}{4}$	6.4
50B40	8.32	7.966	40	B	$\frac{3}{4}$	2 $\frac{1}{4}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{1}{4}$	6.7
50B41	8.52	8.165	41	B	$\frac{3}{4}$	2 $\frac{1}{4}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{1}{4}$	6.98
50B42	8.72	8.363	42	B	$\frac{3}{4}$	2 $\frac{1}{4}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{1}{4}$	7.2
50B43	8.91	8.562	43	B	$\frac{3}{4}$	2 $\frac{1}{4}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{1}{4}$	7.49
50B44	9.11	8.761	44	B	$\frac{3}{4}$	2 $\frac{1}{4}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{1}{4}$	7.7
50B45	9.31	8.960	45	B	$\frac{3}{4}$	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	8.2
50B46	9.51	9.159	46	B	$\frac{3}{4}$	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	8.6
50B47	9.71	9.357	47	B	$\frac{3}{4}$	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	8.88
50B48	9.91	9.556	48	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	9.1
50B49	10.11	9.755	49	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	9.46
50B50	10.31	9.954	50	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	9.7
50B51	10.51	10.153	51	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	10.06
50B52	10.71	10.351	52	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	10.3
50B53	10.91	10.550	53	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	10.7
50B54	11.11	10.749	54	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	10.9
50B55	11.31	10.948	55	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	11.4
50B56	11.50	11.147	56	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	11.7
50B57	11.70	11.346	57	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	12.0
50B58	11.90	11.544	58	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	12.4
50B59	12.10	11.743	59	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	12.7
50B60	12.30	11.942	60	B	1	2 $\frac{1}{2}$	.343	1 $\frac{1}{4}$	$\frac{29}{32}$	3 $\frac{3}{4}$	13.0
50B70	14.29	13.931	70	B	1	2 $\frac{1}{2}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	3 $\frac{3}{4}$	17.5
50B72	14.69	14.329	72	B	1	2 $\frac{1}{2}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	3 $\frac{3}{4}$	18.3
50B76	15.49	15.124	76	B	1	2 $\frac{1}{2}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	3 $\frac{3}{4}$	20.1
50B80	16.28	15.920	80	B	1	2 $\frac{3}{4}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	4 $\frac{1}{4}$	25.2
50B84	17.08	16.715	84	B	1	2 $\frac{3}{4}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	4 $\frac{1}{4}$	27.2
50B90	18.27	17.909	90	B	1	2 $\frac{3}{4}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	4 $\frac{1}{4}$	30.3
50B95	19.27	18.903	95	B	1	2 $\frac{3}{4}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	4 $\frac{1}{4}$	33.1
50B96	19.47	19.102	96	B	1	2 $\frac{3}{4}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	4 $\frac{1}{4}$	33.7
50B112	22.65	22.285	112	B	1	2 $\frac{3}{4}$	.343	1 $\frac{3}{4}$	1 $\frac{13}{32}$	4 $\frac{1}{4}$	43.8

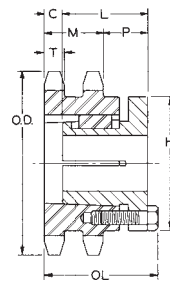
* Maximum bore shown is with standard keyway and setscrew over keyway. Slightly larger bores are possible with no keyway, shallow keyway or setscrew at angle to keyway.
 † Hub is recessed for chain clearance.
 These Type "B" Sprockets are furnished with no keyway and no setscrew. They are made with minimum bore which can be rebored to size, keywayed and setscrewed for a reasonable extra charge.



Type B



Type 11

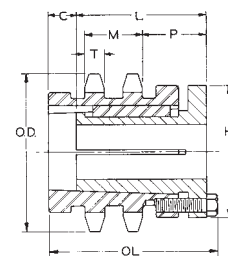


Type 12

TABLE No. 2 STEEL DOUBLE SPROCKETS WITH BROWNING SPLIT TAPER® BUSHINGS

Hardened Teeth

PART No.	BUSHING	BORE RANGE		No. TEETH	TYPE	DIMENSIONS							Wt. Less BUSHING	
		OUTSIDE	PITCH			T	M	OL	L	P	C	H		
D50H14	H	$\frac{3}{8}$ -1 $\frac{1}{2}$ "	3.11"	2.809"	14	11	.332"	1.045"	2 $\frac{5}{16}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{32}$ "	$\frac{7}{8}$ "	2 $\frac{1}{2}$ "	1.2
D50P15	P2	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	3.32	3.006	15	16	.332	1.045	2 $\frac{25}{64}$	2 $\frac{15}{16}$	1 $\frac{25}{64}$	$\frac{1}{4}$	3	2.0
D50P16	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	3.52	3.204	16	12	.332	1.045	2 $\frac{41}{64}$	1 $\frac{15}{16}$	1 $\frac{13}{32}$	$\frac{1}{2}$	3	1.6
D50P17	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	3.72	3.401	17	12	.332	1.045	2 $\frac{41}{64}$	1 $\frac{15}{16}$	1 $\frac{13}{32}$	$\frac{1}{2}$	3	2.1
D50P18	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	3.92	3.599	18	12	.332	1.045	2 $\frac{41}{64}$	1 $\frac{15}{16}$	1 $\frac{13}{32}$	$\frac{1}{2}$	3	2.5
D50P19	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	4.12	3.797	19	12	.332	1.045	2 $\frac{3}{16}$	1 $\frac{15}{16}$	$\frac{57}{64}$	0	3	2.0
D50P20	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	4.32	3.995	20	12	.332	1.045	2 $\frac{3}{16}$	1 $\frac{15}{16}$	$\frac{57}{64}$	0	3	2.5
D50P21	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	4.52	4.194	21	12	.332	1.045	2 $\frac{3}{16}$	1 $\frac{15}{16}$	$\frac{57}{64}$	0	3	2.8
D50P22	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	4.70	3.392	22	12	.332	1.045	2 $\frac{3}{16}$	1 $\frac{15}{16}$	$\frac{57}{64}$	0	3	3.2
D50P23	P1	$\frac{1}{2}$ -1 $\frac{3}{4}$ "	4.92	4.590	23	12	.332	1.045	2 $\frac{3}{16}$	1 $\frac{15}{16}$	$\frac{57}{64}$	0	3	3.6
D50Q24	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	5.12	4.788	24	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	4.0
D50Q25	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	5.32	4.987	25	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	4.5
D50Q26	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	5.52	5.185	26	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	5.3
D50Q27	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	5.72	5.384	27	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	5.9
D50Q28	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	5.92	5.582	28	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	6.3
D50Q30	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	6.32	5.979	30	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	7.5
D50Q32	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	6.72	6.376	32	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	8.5
D50Q35	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	7.32	6.972	35	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	10.4
D50Q36	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	7.52	7.171	36	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	11.0
D50Q40	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	8.32	7.966	40	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	13.6
D50Q42	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	8.72	8.363	42	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	15.0
D50Q45	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	9.31	8.960	45	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	17.5
D50Q48	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	9.91	9.556	48	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	20.4
D50Q52	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	10.71	10.351	52	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	23.3
D50Q54	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	11.11	10.749	54	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	23.3
D50Q60	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	12.30	11.942	60	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	25.5
D50Q72	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	14.69	14.329	72	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	43.1
D50Q76	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	15.49	15.124	76	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{8}$	46.0
D50Q84	Q1	$\frac{3}{4}$ -2 $\frac{11}{16}$ "	17.08	16.715	84	12	.332	1.045	2 $\frac{35}{64}$	2 $\frac{1}{2}$	1 $\frac{53}{64}$	$\frac{3}{32}$	4 $\frac{1}{2}$	56.7
D50R95	R1	1 $\frac{1}{8}$ -3 $\frac{3}{4}$ "	19.27	18.903	95	12	.332	1.045	3 $\frac{5}{32}$	2 $\frac{7}{8}$	1 $\frac{7}{8}$	$\frac{1}{16}$	5 $\frac{3}{8}$	72.3
D50R96	R1	1 $\frac{1}{8}$ -3 $\frac{3}{4}$ "	19.47	19.102	96	12	.332	1.045	3 $\frac{5}{32}$	2 $\frac{7}{8}$	1 $\frac{7}{8}$	$\frac{1}{16}$	5 $\frac{3}{8}$	80.7
D50R102	R1	1 $\frac{1}{8}$ -3 $\frac{3}{4}$ "	20.66	20.295	102	12	.332	1.045	3 $\frac{5}{32}$	2 $\frac{7}{8}$	1 $\frac{7}{8}$	$\frac{1}{16}$	5 $\frac{3}{8}$	84.5
D50R112	R1	1 $\frac{1}{8}$ -3 $\frac{3}{4}$ "	22.65	22.285	112	12	.332	1.045	3 $\frac{5}{32}$	2 $\frac{7}{8}$	1 $\frac{7}{8}$	$\frac{1}{16}$	5 $\frac{3}{8}$	93.2



Type 16

STANDARD KEYSEATS

TABLE No. 3

BORE RANGE	KEYSEAT
$\frac{1}{2}$ " - $\frac{3}{16}$ "	$\frac{1}{8}$ " X $\frac{1}{16}$ "
$\frac{5}{8}$ " - $\frac{7}{8}$ "	$\frac{3}{16}$ " X $\frac{3}{32}$ "
$\frac{15}{16}$ " - 1 $\frac{1}{4}$ "	$\frac{1}{4}$ "