

## TB Gripbelt® Sheaves with Browning Split Taper® Bushings For Use with All "A" and "B" Section Belts

**Table No. 1 Specifications - Stock "TB" Sheaves**

DIAMETERS				1 Groove, Face Width = 1"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush.
				Sheave	Bushing	OL	
3.0"	3.4"	3.75"	-	1TB34	P1	2 5/16"	2.0
3.2	3.6	3.95	-	1TB36	P1	2 5/16	2.3
3.4	3.8	4.15	-	1TB38	P1	2 5/16	2.6
3.6	4.0	4.35	-	1TB40	P1	2 3/16	2.1
3.8	4.2	4.55	-	1TB42	P1	2 3/16	2.4
4.0	4.4	4.75	-	1TB44	P1	2 3/16	2.8
4.2	4.6	4.95	-	1TB46	P1	2 3/16	3.1
4.4	4.8	5.15	-	1TB48	P1	2 3/16	3.5
4.6	5.0	5.35	-	1TB50	P1	2 3/16	3.9
4.8	5.2	5.55	-	1TB52	P1	2 3/16	4.1
5.0	5.4	5.75	-	1TB54	P1	2 3/16	4.6
5.2	5.6	5.95	-	1TB56	P1	2 3/16	5.1
5.4	5.8	6.15	-	1TB58	P1	2 3/16	5.6
5.6	6.0	6.35	4 1/2"	1TB60	P1	2 3/16	6.0
5.8	6.2	6.55	4 11/16	1TB62	P1	2 3/16	5.5
6.0	6.4	6.75	4 7/8	1TB64	P1	2 3/16	5.8
6.2	6.6	6.95	5 1/16	1TB66	P1	2 3/16	5.9
6.4	6.8	7.15	5 5/16	1TB68	P1	2 3/16	6.1
6.6	7.0	7.35	5 1/2	1TB70	P1	2 3/16	6.4
7.0	7.4	7.75	5 15/16	1TB74	P1	2 3/16	7.3
7.6	8.10	8.35	6 1/2	1TB80	P1	2 3/16	7.8
8.2	8.6	8.95	7 1/16	1TB86	P1	2 3/16	8.6
8.6	9.0	9.35	7 1/2	1TB90	P1	2 3/16	8.9
9.0	9.4	9.75	7 15/16	1TB94	P1	2 3/16	9.1
10.6	11.0	11.35	9 7/16	1TB110	P1	2 3/16	11.1
12.0	12.4	12.75	10 15/16	1TB124	Q1	2 25/32	17.8
13.2	13.6	13.95	12 1/16	1TB136	Q1	2 25/32	18.2
15.0	15.4	15.75	13 15/16	1TB154	Q1	2 25/32	20.3
15.6	16.0	16.35	14 1/2	1TB160	Q1	2 25/32	22.0
18.0	18.4	18.75	16 15/16	1TB184	Q1	2 25/32	27.5
19.5	20.0	20.35	18 1/2	1TB200	Q1	2 25/32	27.2
24.5	25.0	25.35	23 1/2	1TB250	Q1	2 25/32	42.4
29.5	30.0	30.35	28 1/2	1TB300	Q1	2 25/32	56.0
37.5	38.0	38.35	36 1/2	1TB380	Q1	2 25/32	78.0



- 1 - 6 grooves
- 3.75" - 38.35" O.D.
- 1/2" - 2 11/16" bore range
- Machined from fine grain cast iron
- Precision balanced
- Easy on - easy off

**Table No. 2 Standard Keyseats**

Bore Range	Keyseat
1/2" - 9/16"	1/8" x 1/16"
5/8 - 7/8	3/16 x 3/32
15/16 - 1 1/4	1/4 x 1/8
15/16 - 1 3/8	5/16 x 5/32
1 7/16 - 1 3/4	3/8 x 3/16
1 13/16 - 2 1/4	1/2 x 1/4
2 5/16 - 2 11/16	5/8 x 5/16

1 3/8" bore bushings also available with 3/8" x 3/16" keyseat.

**Table No. 3 Bushing Dimensions**

Part No.	Bore Range	Wt. Lbs.
P1	1/2" - 1 3/4"	1 1/4
P2	3/4 - 1 3/4	1 1/2
Q1	3/4 - 2 11/16	3 1/2

### Browning Split Taper Bushings

- Keyed to shaft and hub. External key provides positive drive with no torque on the cap screws.
- Highest torque carrying capacity.
- Double split barrel assures true concentricity.
- Inch, metric and spline bores available from stock.

### TB Gripbelt® Sheaves with Browning Split Taper® Bushings For Use with All "A" and "B" Section Belts

**Table No. 1 Specifications - Stock "TB" Sheaves**

DIAMETERS				2 Grooves, Face Width = 1 3/4"			Wt. Less Bush.
Datum "A"	Datum "B"	Outside	Inside	Part Number		Dimensions	
				Sheave	Bushing	OL	
3.0"	3.4"	3.75"	-	2TB34	P1	3 1/16"	2.9
3.2	3.6	3.95	-	2TB36	P1	3 1/16	3.8
3.4	3.8	4.15	1 5/16"	2TB38	P1	2 5/8	3.0
3.6	4.0	4.35	2 1/2	2TB40	P1	2 5/8	3.8
3.8	4.2	4.55	2 11/16	2TB42	P1	2 5/8	3.9
4.0	4.4	4.75	2 7/8	2TB44	P1	2 3/16	3.9
4.2	4.6	4.95	3 1/16	2TB46	P1	2 3/16	4.5
4.4	4.8	5.15	3 5/16	2TB48	P1	2 3/16	5.3
4.6	5.0	5.35	3 1/2	2TB50	P1	2 3/16	5.6
4.8	5.2	5.55	3 11/16	2TB52	P1	2 3/16	6.1
5.0	5.4	5.75	3 7/8	2TB54	P1	2 3/16	6.5
5.2	5.6	5.95	4 1/16	2TB56	P1	2 3/16	7.4
5.4	5.8	6.15	4 5/16	2TB58	P1	2 3/16	8.0
5.6	6.0	6.35	4 1/2	2TB60	P1	2 3/16	8.9
5.8	6.2	6.55	4 11/16	2TB62	P1	2 3/16	7.6
6.0	6.4	6.75	4 7/8	2TB64	P1	2 3/16	7.8
6.2	6.6	6.95	5 1/16	2TB66	P1	2 3/16	8.3
6.4	6.8	7.15	5 5/16	2TB68	P1	2 3/16	8.8
6.6	7.0	7.35	5 1/2	2TB70	Q1	2 25/32	11.1
7.0	7.4	7.75	5 15/16	2TB74	Q1	2 25/32	11.5
7.6	8.0	8.35	6 1/2	2TB80	Q1	2 25/32	12.8
8.2	8.6	8.95	7 1/16	2TB86	Q1	2 25/32	16.0
8.6	9.0	9.35	7 1/2	2TB90	Q1	2 25/32	15.1
9.0	9.4	9.75	7 15/16	2TB94	Q1	2 25/32	15.5
10.6	11.0	11.35	9 7/16	2TB110	Q1	2 25/32	18.9
12.0	12.4	12.75	10 15/16	2TB124	Q1	2 25/32	21.1
13.2	13.6	13.95	12 1/16	2TB136	Q1	2 25/32	23.0
15.0	15.4	15.75	13 15/16	2TB154	Q1	2 25/32	24.8
15.6	16.0	16.35	14 1/2	2TB160	Q1	2 25/32	27.0
18.0	18.4	18.75	16 15/16	2TB184	Q1	2 25/32	32.3
19.5	20.0	20.35	18 1/2	2TB200	Q1	2 25/32	42.3
24.5	25.0	25.35	23 1/2	2TB250	Q1	2 25/32	50.3
29.5	30.0	30.35	28 1/2	2TB300	Q1	2 25/32	68.8
37.5	38.0	38.35	35 1/2	2TB380	Q1	2 25/32	95.5

For optimum sheave selection, see B5V® Stock Sheave Listing on pages 19-23.

**Table No. 2**

DIAMETERS				3 Grooves, Face Width = 2 1/2"			Wt. Less Bush.
Datum "A"	Datum "B"	Outside	Inside	Part Number		Dimensions	
				Sheave	Bushing	OL	
3.0"	3.4"	3.75"	2"	3TB34	P2	3 13/16"	3.8
3.2	3.6	3.95	2 1/16	3TB36	P2	3 13/16	4.4
3.4	3.8	4.15	2 5/16	3TB38	P1	3 3/8	3.8
3.6	4.0	4.35	2 1/2	3TB40	P1	3 3/8	4.5
3.8	4.2	4.55	2 11/16	3TB42	P1	3 3/8	4.9
4.0	4.4	4.75	2 7/8	3TB44	P1	2 3/4	5.1
4.2	4.6	4.95	3 1/16	3TB46	P1	2 3/4	6.0
4.4	4.8	5.15	3 5/16	3TB48	P1	2 3/4	6.3
4.6	5.0	5.35	3 1/2	3TB50	P1	2 3/4	6.9
4.8	5.2	5.55	3 11/16	3TB52	P1	2 3/4	7.5
5.0	5.4	5.75	3 7/8	3TB54	P1	2 3/4	8.3
5.2	5.6	5.95	4 1/16	3TB56	P1	2 3/4	9.0
5.4	5.8	6.15	4 5/16	3TB58	P1	2 3/4	9.6
5.6	6.0	6.35	4 1/2	3TB60	P1	2 3/4	10.5
5.8	6.2	6.55	4 11/16	3TB62	P1	2 3/4	9.4
6.0	6.4	6.75	4 7/8	3TB64	P1	2 3/4	9.5
6.2	6.6	6.95	5 1/16	3TB66	P1	2 3/4	10.0
6.4	6.8	7.15	5 5/16	3TB68	P1	2 3/4	10.4
6.6	7.0	7.35	5 1/2	3TB70	Q1	3 5/32	13.0
7.0	7.4	7.75	5 15/16	3TB74	Q1	3 5/32	13.3
7.6	8.0	8.35	6 1/2	3TB80	Q1	3 5/32	15.3
8.2	8.6	8.95	7 1/16	3TB86	Q1	3 5/32	18.9
8.6	9.0	9.35	7 1/2	3TB90	Q1	3 5/32	18.1
9.0	9.4	9.75	7 15/16	3TB94	Q1	3 5/32	18.0
10.6	11.0	11.35	9 7/16	3TB110	Q1	3 5/32	21.3
12.0	12.4	12.75	10 15/16	3TB124	Q1	3 5/32	25.4
13.2	13.6	13.95	12 1/16	3TB136	Q1	3 5/32	27.4
15.0	15.4	15.75	13 15/16	3TB154	Q1	3 5/32	29.8
15.6	16.0	16.35	14 1/2	3TB160	Q1	3 5/32	32.0
18.0	18.4	18.75	16 15/16	3TB184	Q1	3 5/32	37.8
19.5	20.0	20.35	18 1/2	3TB200	Q1	3 5/32	49.9
24.5	25.0	25.35	23 1/2	3TB250	Q1	3 5/32	61.0
29.5	30.0	30.35	28 1/2	3TB300	Q1	3 5/32	78.5
37.5	38.0	38.35	36 1/2	3TB380	Q1	3 5/32	110.0

For optimum sheave selection, see B5V Stock Sheave Listing on pages 19-23.



- 1 - 6 grooves
- 3.75" - 38.35" O.D.
- 1/2" - 2 11/16" bore range
- Machined from fine grain cast iron
- Precision balanced
- Easy on - easy off

**Table No. 3 Bushing Dimensions**

Part No.	Bore Range	Wt. Lbs.
P1	1/2" - 1 3/4"	1 1/4
P2	3/4 - 1 3/4	1 1/2
Q1	3/4 - 2 11/16	3 1/2

**Browning Split Taper Bushings**

- Keyed to shaft and hub. External key provides positive drive with no torque on the cap screws.
- Highest torque carrying capacity.
- Double split barrel assures true concentricity.
- Inch, metric and spline bores available from stock.

## TB Gripbelt® Sheaves with Browning Split Taper® Bushings For Use with All "A" and "B" Section Belts

**Table No. 1 Specifications - Stock "TB" Sheaves**

DIAMETERS				4 Grooves, Face Width = 13/4"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush.
				Sheave	Bushing	OL	
3.0"	3.4"	3.75"	2"	4TB34	P2	4 9/16"	4.5
3.2	3.6	3.95	2 1/16	4TB36	P2	4 9/16	5.3
3.4	3.8	4.15	2 5/16	4TB38	P1	4 1/8	4.8
3.6	4.0	4.35	2 1/2	4TB40	P1	4 1/8	5.5
3.8	4.2	4.55	2 11/16	4TB42	P1	4 1/8	5.9
4.0	4.4	4.75	2 7/8	4TB44	P1	3 1/2	6.5
4.2	4.6	4.95	3 1/6	4TB46	P1	3 1/2	7.1
4.4	4.8	5.15	3 5/16	4TB48	P1	3 1/2	7.5
4.6	5.0	5.35	3 1/2	4TB50	P1	3 1/2	8.3
4.8	5.2	5.55	3 11/16	4TB52	P1	3 1/2	9.1
5.0	5.4	5.75	3 7/8	4TB54	P1	3 1/2	9.6
5.2	5.6	5.95	4 1/16	4TB56	P1	3 1/2	10.6
5.4	5.8	6.15	4 5/16	4TB58	P1	3 1/2	11.6
5.6	6.0	6.35	4 1/2	4TB60	P1	3 1/2	11.9
5.8	6.2	6.55	4 11/16	4TB62	P1	3 1/2	11.1
6.0	6.4	6.75	4 7/8	4TB64	P1	3 1/2	11.8
6.2	6.6	6.95	5 1/16	4TB66	P1	3 1/2	12.0
6.4	6.8	7.15	5 5/16	4TB68	P1	3 1/2	12.5
6.6	7.0	7.35	5 1/2	4TB70	Q1	3 17/32	15.3
7.0	7.4	7.75	5 15/16	4TB74	Q1	3 17/32	15.3
7.6	8.0	8.35	6 1/2	4TB80	Q1	3 17/32	17.0
8.2	8.6	8.95	7 1/16	4TB86	Q1	3 17/32	20.8
8.6	9.0	9.35	7 1/2	4TB90	Q1	3 17/32	20.6
9.0	9.4	9.75	7 15/16	4TB94	Q1	3 17/32	20.1
10.6	11.0	11.35	9 7/16	4TB110	Q1	3 17/32	25.8
12.0	12.4	12.75	10 15/16	4TB124	Q1	3 17/32	27.5
13.2	13.6	13.95	12 1/16	4TB136	Q1	3 17/32	31.5
15.0	15.4	15.75	13 15/16	4TB154	Q1	3 17/32	36.0
15.6	16.0	16.35	14 1/2	4TB160	Q1	3 17/32	39.0
18.0	18.4	18.75	16 15/16	4TB184	Q1	3 17/32	44.8
19.5	20.0	20.35	18 1/2	4TB200	Q1	3 17/32	57.0
24.5	25.0	25.35	23 1/2	4TB250	Q1	3 17/32	69.5
29.5	30.0	30.35	28 1/2	4TB300	Q1	3 17/32	90.8
37.5	38.0	38.35	36 1/2	4TB380	Q1	3 17/32	125.0

For optimum sheave selection, see B5V® Stock Sheave Listing on pages 19-23.

**Table No. 2 Standard Keyseats**

Bore Range	Keyseat
1/2" - 9/16"	1/8" x 1/16"
5/8 - 7/8	3/16 x 3/32
15/16 - 1 1/4	1/4 x 1/8
15/16 - 1 3/8	5/16 x 5/32
1 7/16 - 1 3/4	3/8 x 3/16
1 13/16 - 2 1/4	1/2 x 1/4
2 5/16 - 2 11/16	5/8 x 5/16

1 3/8" bore bushings also available with 3/8" x 3/16" keyseat.

**Table No. 3 Bushing Dimensions**

Part No.	Bore Range	Wt. Lbs.
P1	1/2" - 1 3/4"	1 1/4
P2	3/4 - 1 3/4	1 1/2
Q1	3/4 2 11/16	3 1/2



- 1 - 6 grooves
- 3.75" - 38.35" O.D.
- 1/2" - 2 11/16" bore range
- Machined from fine grain cast iron
- Precision balanced
- Easy on - easy off

### Browning Split Taper Bushings

- Keyed to shaft and hub. External key provides positive drive with no torque on the cap screws.
- Highest torque carrying capacity.
- Double split barrel assures true concentricity.
- Inch, metric and spline bores available from stock.

### TB Gripbelt® Sheaves with Browning Split Taper® Bushings For Use with All "A" and "B" Section Belts

**Table No. 1 Specifications - Stock "TB" Sheaves**

DIAMETERS				5 Grooves, Face Width = 4"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush.
				Sheave	Bushing	OL	
3.0"	3.4"	3.75"	2"	5TB34	P2	5 5/16"	5.3
3.2	3.6	3.95	2 1/16	5TB36	P2	5 5/16	6.1
3.4	3.8	4.15	1 5/16"	5TB38	P2	4 7/8	6.1
3.6	4.0	4.35	2 1/2	5TB40	P2	4 7/8	7.0
3.8	4.2	4.55	2 11/16	5TB42	P2	4 7/8	7.8
4.0	4.4	4.75	2 7/8	5TB44	P2	4 1/4	8.5
4.2	4.6	7.95	3 1/16	5TB46	P2	4 1/4	9.8
4.4	4.8	5.15	3 5/16	5TB48	P2	4 1/4	10.5
4.6	5.0	5.35	3 1/2	5TB50	P2	4 1/4	11.6
4.8	5.2	5.55	3 11/16	5TB52	P2	4 1/4	12.5
5.0	5.4	5.75	3 7/8	5TB54	Q1	4 9/32	10.4
5.2	5.6	5.95	4 1/16	5TB56	Q1	4 9/32	11.8
5.4	5.8	6.15	4 5/16	5TB58	Q1	4 9/32	12.8
5.6	6.0	6.35	4 1/2	5TB60	Q1	4 9/32	13.8
5.8	6.2	6.55	4 11/16	5TB62	Q1	4 9/32	14.8
6.0	6.4	6.75	4 7/8	5TB64	Q1	4 9/32	16.4
6.2	6.6	6.95	5 1/16	5TB66	Q1	4 9/32	17.1
6.4	6.8	7.15	5 5/16	5TB68	Q1	4 9/32	17.9
6.6	7.0	7.35	5 1/2	5TB70	Q2	4 13/32	20.9
7.0	7.4	7.75	5 15/16	5TB74	Q2	4 13/32	19.8
7.6	8.0	8.35	6 1/2	5TB80	Q2	4 13/32	22.3
8.2	8.6	8.95	7 1/16	5TB86	Q2	4 13/32	29.5
8.6	9.0	9.35	7 1/2	5TB90	Q2	4 13/32	28.6
9.0	9.4	9.75	7 15/16	5TB94	Q2	4 13/32	29.5
10.6	11.0	11.35	9 7/16	5TB110	Q2	4 13/32	32.8
12.0	12.4	12.75	10 15/16	5TB124	Q2	4 13/32	35.4
13.2	13.6	13.95	12 1/16	5TB136	Q2	4 13/32	41.0
15.0	15.4	15.75	13 15/16	5TB154	Q2	4 13/32	45.3
15.6	16.0	16.35	14 1/2	5TB160	Q2	4 13/32	48.0
18.0	18.4	18.75	16 15/16	5TB184	Q2	4 13/32	57.3
19.5	20.0	20.35	18 1/2	5TB200	Q2	4 13/32	66.0
24.5	25.0	25.35	23 1/2	5TB250	Q2	4 13/32	82.5
29.5	30.0	30.35	28 1/2	5TB300	Q2	4 13/32	117.0
37.5	38.0	38.35	36 1/2	5TB380	Q2	4 13/32	159.0

For optimum sheave selection, see B5V® Stock Sheave Listing on pages 19-23.

**Table No. 2**

DIAMETERS				6 Grooves, Face Width = 4 3/4			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush.
				Sheave	Bushing	OL	
3.0"	3.4"	3.75"	2"	6TB34	P2	6 1/16"	6.1
3.2	3.6	3.95	2 1/16	6TB36	P2	6 1/16	7.3
3.4	3.8	4.15	2 5/16	6TB38	P2	5 5/8	7.0
3.6	4.0	4.35	2 1/2	6TB40	P2	5 5/8	8.1
3.8	4.2	4.55	2 11/16	6TB42	P2	5 5/8	9.3
4.0	4.4	4.75	2 7/8	6TB44	P2	5	9.9
4.2	4.6	7.95	3 1/16	6TB46	P2	5	11.0
4.4	4.8	5.15	3 5/16	6TB48	P2	5	11.8
4.6	5.0	5.35	3 1/2	6TB50	P2	5	12.9
4.8	5.2	5.55	3 11/16	6TB52	P2	5	14.8
5.0	5.4	5.75	3 7/8	6TB54	Q1	5 1/32	11.8
5.2	5.6	5.95	4 1/16	6TB56	Q1	5 1/32	17.3
5.4	5.8	6.15	4 5/16	6TB58	Q1	5 1/32	14.5
5.6	6.0	6.35	4 1/2	6TB60	Q1	5 1/32	15.4
5.8	6.2	6.55	4 11/16	6TB62	Q1	5 1/32	16.4
6.0	6.4	6.75	4 7/8	6TB64	Q1	5 1/32	18.6
6.2	6.6	6.95	5 1/16	6TB66	Q1	5 1/32	18.5
6.4	6.8	7.15	5 5/16	6TB68	Q1	5 1/32	20.8
6.6	7.0	7.35	5 1/2	6TB70	Q2	4 25/32	22.8
7.0	7.4	7.75	5 15/16	6TB74	Q2	4 25/32	26.5
7.6	8.0	8.35	6 1/2	6TB80	Q2	4 25/32	24.1
8.2	8.6	8.95	7 1/16	6TB86	Q2	4 25/32	27.1
8.6	9.0	9.35	7 1/2	6TB90	Q2	4 25/32	30.6
9.0	9.4	9.75	7 15/16	6TB94	Q2	4 25/32	32.8
10.6	11.0	11.35	9 7/16	6TB110	Q2	4 25/32	36.6
12.0	12.4	12.75	10 15/16	6TB124	Q2	4 25/32	39.8
13.2	13.6	13.95	12 1/16	6TB136	Q2	4 25/32	44.9
15.0	15.4	15.75	13 15/16	6TB154	Q2	4 25/32	49.9
15.6	16.0	16.35	14 1/2	6TB160	Q2	4 25/32	54.0
18.0	18.4	18.75	16 15/16	6TB184	Q2	4 25/32	62.0
19.5	20.0	20.35	18 1/2	6TB200	Q2	4 25/32	74.0
24.5	25.0	25.35	23 1/2	6TB250	Q2	4 25/32	89.5
29.5	30.0	30.35	28 1/2	6TB300	Q2	4 25/32	128.0
37.5	38.0	38.35	36 1/2	6TB380	Q2	4 25/32	179.0

For optimum sheave selection, see B5V Stock Sheave Listing on pages 19-23.



- 1 - 6 grooves
- 3.75" - 38.35" O.D.
- 1/2" - 2 11/16" bore range
- Machined from fine grain cast iron
- Precision balanced
- Easy on - easy off

**Table No. 3 Bushing Dimensions**

Part No.	Bore Range	Wt. Lbs.
P1	1/2" - 1 3/4"	1 1/4
P2	3/4 - 1 3/4	1 1/2
Q1	3/4 2 11/16	3 1/2
Q2	1 - 2 5/8	4 1/2

#### Browning Split Taper Bushings

- Keyed to shaft and hub. External key provides positive drive with no torque on the cap screws.
- Highest torque carrying capacity.
- Double split barrel assures true concentricity.
- Inch, metric and spline bores available from stock.