

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

Table No. 1 Specifications - Stock "B" Sheaves

DIAMETERS				2 Grooves, Face Width = 1 3/4"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush.
				Sheave	Bush-ing	OL	
5.0"	5.4"	5.75"	—	2B54Q	Q1	2 25/32"	6.0
5.2	5.6	5.95	—	2B56Q	Q1	2 25/32	7.3
5.4	5.8	6.15	—	2B58Q	Q1	2 25/32	7.9
5.6	6.0	6.35	—	2B60Q	Q1	2 25/32	8.9
5.8	6.2	6.55	—	2B62Q	Q1	2 25/32	9.4
6.0	6.4	6.75	—	2B64Q	Q1	2 25/32	10.1
6.2	6.6	6.95	—	2B66Q	Q1	2 25/32	11.1
6.4	6.8	7.15	—	2B68Q	Q1	2 25/32	12.3
15.0	15.4	15.75	13 7/8"	2B154R	R1	3 5/32	30.6
15.6	16.0	16.35	14 1/2	2B160R	R1	3 5/32	32.0
18.0	18.4	18.75	16 7/8	2B184R	R1	3 5/32	39.1
19.5	20.0	20.35	18 1/2	2B200R	R1	3 5/32	43.5
24.5	25.0	25.35	23 1/2	2B250R	R1	3 5/32	58.0
29.5	30.0	30.35	28 1/2	2B300R	R1	3 5/32	81.0
37.5	38.0	38.35	36 1/2	2B380R	R1	3 5/32	92.0

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

Table No. 2

DIAMETERS				3 Grooves, Face Width = 2 1/2"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush.
				Sheave	Bush-ing	OL	
5.0"	5.4"	5.75"	3 7/8"	3B54Q	Q1	3 17/32"	7.9
5.2	5.6	5.95	4 1/16	3B56Q	Q1	3 17/32	9.0
5.4	5.8	6.15	4 1/4	3B58Q	Q1	3 5/32	9.4
5.6	6.0	6.35	4 7/16	3B60Q	Q1	3 5/32	10.4
5.8	6.2	6.55	4 11/16	3B62Q	Q1	3 5/32	11.3
6.0	6.4	6.75	4 7/8	3B64Q	Q1	3 5/32	12.1
6.2	6.6	6.95	5 1/16	3B66Q	Q1	3 5/32	13.0
6.4	6.8	7.15	5 1/4	3B68Q	Q1	3 5/32	14.3
15.0	15.4	15.75	13 7/8	3B154R	R1	3 13/32	35.5
15.6	16.0	16.35	14 1/2	3B160R	R1	3 13/32	38.0
18.0	18.4	18.75	16 7/8	3B184R	R1	3 13/32	44.8
19.5	20.0	20.35	18 1/2	3B200R	R1	3 13/32	50.3
24.5	25.0	25.35	23 1/2	3B250R	R1	3 13/32	65.0
29.5	30.0	30.35	28 1/2	3B300R	R1	3 13/32	89.0
37.5	38.0	38.35	36 1/2	3B380R	R1	3 13/32	106

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

Table No. 3 Standard Keyseats

Bore Range	Keyseat
3/4"—7/8"	3/16" X 3/32
15/16"—1 1/4	1/4 X 1/8
1 5/16"—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 3/4	5/8 X 5/16
2 13/16"—3 1/4	3/4 X 3/8
3 3/8"—3 3/4	7/8 X 7/16

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

Table No. 4 Bushing Dimensions

Part No.	Bore Range	Wt. Lbs.
Q1	3/4"—2 11/16"	3 1/2
R1	1 1/8"—3 3/4	7 1/2



- 2 - 8 grooves
- 5.75" - 38.35" O.D.
- 1/2" - 2 5/8" 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.

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

Table No. 1 Specifications - Stock "B" Sheaves

DIAMETERS				4 Grooves, Face Width = 3 1/4"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush
				Sheave	Bush-ing	OL	
5.0"	5.4"	5.75"	3 7/8"	4B54Q	Q1	4 9/32"	9.3
5.2	5.6	5.95	4 1/16	4B56Q	Q1	4 9/32	10.5
5.4	5.8	6.15	4 1/4	4B58Q	Q1	3 17/32	11.5
5.6	6.0	6.35	4 7/16	4B60Q	Q1	3 17/32	12.6
5.8	6.2	6.55	4 11/16	4B62Q	Q1	3 17/32	12.6
6.0	6.4	6.75	4 7/8	4B64Q	Q1	3 17/32	14.1
6.2	6.6	6.95	5 1/16	4B66Q	Q1	3 17/32	14.8
6.4	6.8	7.15	5 1/4	4B68Q	Q1	3 17/32	16.9
15.0	15.4	15.75	13 7/8	4B154R	R1	3 25/32	40.1
15.6	16.0	16.35	14 1/2	4B160R	R1	3 25/32	44.0
18.0	18.4	18.75	16 7/8	4B184R	R1	3 25/32	50.3
19.5	20.0	20.35	18 1/2	4B200R	R1	3 25/32	54.0
24.5	25.0	25.35	23 1/2	4B250R	R1	3 25/32	71.0
29.5	30.0	30.35	28 1/2	4B300R	R1	3 25/32	99.0
37.5	38.0	38.35	36 1/2	4B380R	R1	3 25/32	126

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

Table No. 2

DIAMETERS				5 Grooves, Face Width = 4"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush
				Sheave	Bush-ing	OL	
6.6"	7.0"	7.35"	5 1/2"	5B70R	R1	4 3/4"	17.0
7.0	7.4	7.75	5 7/8	5B74R	R1	4 3/4	20.3
7.6	8.0	8.35	6 1/2	5B80R	R1	4 3/4	24.8
8.2	8.6	8.95	7 1/16	5B86R	R1	4 3/4	27.3
8.6	9.0	9.35	7 1/2	5B90R	R1	4 3/4	29.1
9.0	9.4	9.75	7 7/8	5B94R	R1	4 3/4	30.0
10.6	11.0	11.35	9 1/2	5B110R	R1	4 3/4	32.8
12.0	12.4	12.75	10 7/8	5B124R	R1	4 3/4	36.0
13.2	13.6	13.95	12 1/16	5B136R	R1	4 3/4	40.3
15.0	15.4	15.75	13 7/8	5B154R	R1	4 3/4	45.0
15.6	16.0	16.35	14 1/2	5B160R	R1	4 3/4	48.0
18.0	18.4	18.75	16 7/8	5B184R	R1	4 3/4	54.0
19.5	20.0	20.35	18 1/2	5B200R	R1	4 3/4	64.0
24.5	25.0	25.35	23 1/2	5B250R	R1	4 3/4	79.0
29.5	30.0	30.35	28 1/2	5B300R	R1	4 3/4	115
37.5	38.0	38.35	36 1/2	5B380R	R1	4 3/4	150

Table No. 3

DIAMETERS				6 Grooves, Face Width = 4 3/4"			
Datum "A"	Datum "B"	Out-side	In-side	Part Number		Dimensions	Wt. Less Bush
				Sheave	Bush-ing	OL	
6.6"	7.0"	7.35"	5 1/2"	6B70R	R1	4 3/4"	19.0
7.0	7.4	7.75	5 7/8	6B74R	R1	4 3/4	21.8
7.6	8.0	8.35	6 1/2	6B80R	R1	4 3/4	26.8
8.2	8.6	8.95	7 1/16	6B86R	R1	4 3/4	29.4
8.6	9.0	9.35	7 1/2	6B90R	R1	4 3/4	31.4
9.0	9.4	9.75	7 7/8	6B94R	R1	4 3/4"	32.8
10.6	11.0	11.35	9 1/2	6B110R	R1	4 3/4	37.0
12.0	12.4	12.75	10 7/8	6B124R	R1	4 3/4	39.4
13.2	13.6	13.95	12 1/16	6B136R	R1	4 3/4	45.3
15.0	15.4	15.75	13 7/8	6B154R	R1	4 3/4	49.1
15.6	16.0	16.35	14 1/2	6B160R	R1	4 3/4"	52.0
18.0	18.4	18.75	16 7/8	6B184R	R1	4 3/4	59.0
19.5	20.0	20.35	18 1/2	6B200R	R1	4 3/4	69.0
24.5	25.0	25.35	23 1/2	6B250R	R1	4 3/4	83.0
29.5	30.0	30.35	28 1/2	6B300R	R1	4 3/4	126
37.5	38.0	38.35	36 1/2	6B380R	R1	4 3/4	170



- 2 - 8 grooves
- 5.75" - 38.35" O.D.
- 1/2" - 2 5/8" bore range
- Machined from fine grain cast iron
- Precision balanced
- Easy on - easy off

Table No. 4 Bushing Dimensions

Part No.	Bore Range	Wt. Lbs.
Q1	3/4"—2 11/16"	3 1/2
R1	1 1/8"—3 3/4"	7 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.

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

Table No. 1 Specifications - Stock "B" Sheaves

DIAMETERS				Part Number		Dimensions	Wt. Less Bush.
Datum "A"	Datum "B"	Out- side	In- side	Sheave	Bush- ing	O.L.	
8 Grooves, Face Width = 6 1/4"							
5.0"	5.4"	5.75"	3 7/8"	8B54Q	Q2	7 9/32"	18.1
5.2	5.6	5.95	4 1/16	8B56Q	Q2	7 9/32	20.6
5.4	5.8	6.15	4 1/4	8B58Q	Q2	6 1/4	20.9
5.6	6.0	6.35	4 7/16	8B60Q	Q2	6 1/4	23.0
5.8	6.2	6.55	4 11/16	8B62Q	Q2	6 1/4	23.0
6.0	6.4	6.75	4 7/8	8B64Q	Q2	6 1/4	25.0
6.2	6.6	6.95	5 1/16	8B66Q	Q2	6 1/4	27.3
6.4	6.8	7.15	5 1/4	8B68Q	Q2	6 1/4	31.1
6.6	7.0	7.35	5 1/2	8B70R	R2	6 9/32	29.5
7.0	7.4	7.75	5 7/8	8B74R	R2	6 9/32	34.9
7.6	8.0	8.35	6 1/2	8B80R	R2	6 9/32	42.9
8.2	8.6	8.95	7 1/16	8B86R	R2	6 9/32	52.0
8.6	9.0	9.35	7 1/2	8B90R	R2	6 9/32	48.3
9.0	9.4	9.75	7 7/8	8B94R	R2	6 9/32	49.3
10.6	11.0	11.35	9 1/2	8B110R	R2	6 9/32	55.0
12.0	12.4	12.75	10 7/8	8B124R	R2	6 9/32	60.0
13.2	13.6	13.95	12 1/16	8B136R	R2	6 9/32	68.5
15.0	15.4	15.75	13 7/8	8B154R	R2	6 9/32	77.3
18.0	18.4	18.75	16 7/8	8B184R	R2	6 9/32	90.0
19.5	20.0	20.35	18 1/2	8B200R	R2	6 9/32	96.0
24.5	25.0	25.35	23 1/2	8B250R	R2	6 9/32	129
29.5	30.0	30.35	28 1/2	8B300R	R2	6 9/32	163
29.5	30.0	30.35	28 1/2	8B300S	S1	6 1/4	168
37.5	38.0	38.35	36 1/2	8B380R	R2	6 9/32	228
37.5	38.0	38.35	36 1/2	8B380S	S1	6 1/4	238



- 2 - 8 grooves
- 5.75" - 38.35" O.D.
- 1/2" - 2 5/8" bore range
- Machined from fine grain cast iron
- Precision balanced
- Easy on - easy off

Table No. 2 Standard Keyseats

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

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.
Q2	1" - 2 5/8"	4 1/2
R2	1 3/8" - 3 5/8"	11
S1	1 11/16" - 4 1/4"	13 1/2
U0	2 3/8" - 3 3/16"	30
U0	3 1/4" - 5 1/2"	27

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.