

SHEAVES & BUSHINGS

IDC SELECT[®]
www.IDCselect.com

SHEAVES AND BUSHINGS

To compete in today's global marketplace, distributors and OEMs need a supplier who can provide them with high-quality bearing and power transmission products that meet their quality, cost and delivery requirements. That's why they rely on IDC Select®.

IDC Select® supplies a full range of high-quality A/B combination, C, 3V, 5V, 8V, variable pitch, and light duty sheaves; QD®, split taper and TAPER-LOCK® bushings.

Each sheave is precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

IDC Select® can help your company grow. You can find many of the sheaves, bushings, and timing pulleys needed for your applications in this catalog.

Contact info@IDCSelect.com for questions or with special requests.

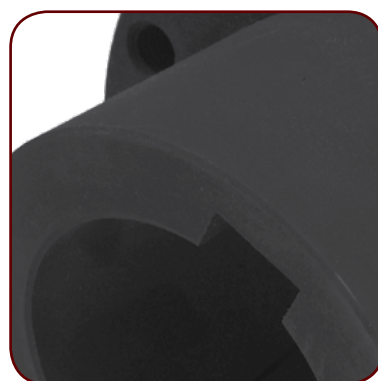
IDC SELECT® SHEAVES & BUSHINGS

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BUSHINGS

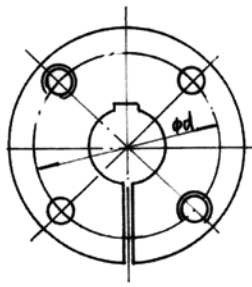
IDC Select® bushings are available in H, QD®, TAPER-LOCK®, and split taper designs and are available in inch and metric sizes. They are stocked in popular finished bore sizes. All IDC Select® bushings are fully interchangeable with industry standard designs.



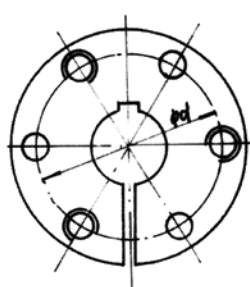
IDC SELECT® SHEAVES & BUSHINGS

BUSHINGS

H AND QD® BUSHINGS



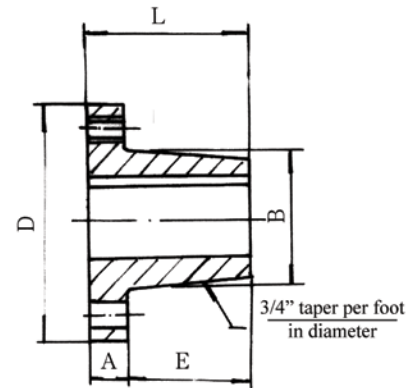
Bushing
H



Bushing
JA to J



Bushing
M



BUSHINGS

H & QD® BUSHINGS - DIMENSIONS (in)

Bushing	A	B	D	E	L	Bolt Circle Diameter	Cap Screws Grade 5		Average Weight
							Qty	Size	
H	1/4	1.625	2 1/2	1	1 1/4	2	2	1/4 x 3/4	0.80
JA	5/16	1.375	2	1 1/16	1	1.665	3	10 x 1	0.80
SH	7/16	1.871	2 11/16	7/8	1 5/16	2 1/4	3	1/4 x 1 3/8	1.00
SDS	7/16	2.187	3 1/8	7/8	1 5/16	2 11/16	3	1/4 x 1 3/8	1.20
SD	7/16	2.187	3 1/8	1 3/8	1 13/16	2 11/16	3	1/4 x 1 7/8	1.50
SK	9/16	2.812	3 7/8	1 3/8	1 15/16	3 5/16	3	5/16 x 2	2.00
SF	5/8	3.125	4 5/8	1 7/16	2 1/16	3 7/8	3	3/8 x 2	3.50
E	7/8	3.834	6	1 7/8	2 3/4	5	3	1/2 x 2 3/4	9.00
F	1	4.437	6 5/8	2 3/4	3 3/4	5 5/8	3	9/16 x 3 5/8	14.00
J	1 1/8	5.148	7 1/4	3 1/2	4 5/8	6 1/4	3	5/8 x 4 1/2	22.00
M	1 1/4	6.500	9	5 1/2	6 3/4	7 7/8	4	3/4 x 6 3/4	51.00



Bushing	Bore Range (in)	Keyseat (in)
H	3/8, 7/16, 1/2, 9/16 5/8, 1 1/16, 3/4, 13/16, 7/8 1 5/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 1/16* 3/8 x 1/16*
JA	7/16, 1/2, 9/16 5/8, 1 1/16, 3/4, 13/16, 7/8 1 5/16, 1 1 1/16, 1 1/8, 1 3/16 1 1/4	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 1/4 x 1/16* No Key
SH	1/2, 9/16 5/8, 1 1/16, 3/4, 13/16, 7/8 1 5/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 5/8 1 11/16	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 1/16* No Key
SDS	1/2, 9/16 5/8, 1 1/16, 3/4, 13/16, 7/8 1 5/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16 1 3/4 1 13/16 1 7/8, 1 15/16 2	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 3/8 x 1/8* 1/2 x 1/8* 1/2 x 1/16* No Key

Bushing	Bore Range (in)	Keyseat (in)
SD	1/2, 9/16 5/8, 1 1/16, 3/4, 13/16, 7/8 1 5/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16 1 3/4 1 13/16 1 7/8, 1 15/16 2	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 3/8 x 1/8* 1/2 x 1/8* 1/2 x 1/16* No Key
SK	1/2, 9/16 5/8, 1 1/16, 3/4, 13/16, 7/8 1 5/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8 2 3/16, 2 1/4 2 5/16, 2 3/8, 2 7/16, 2 1/2 2 5/8, 2 9/16	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 1/2 x 1/4 1/2 x 1/8* 5/8 x 1/16* No Key
SF	1/2, 9/16 5/8, 1 1/16, 3/4, 13/16, 7/8 1 5/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16 2 1/8, 2 3/16, 2 1/4 2 1/4** 2 5/16, 2 3/8, 2 7/16, 2 1/2 2 5/8, 2 11/16, 2 3/4, 2 9/16 2 13/16, 2 7/8 2 15/16	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 1/2 x 1/4 1/2 x 1/8* 5/8 x 5/16 5/8 x 3/16* 5/8 x 1/16* 3/4 x 1/16* No Key

*Shallow keyseat – keystock is supplied with bushing

**Special key size

IDC SELECT® SHEAVES & BUSHINGS

BUSHINGS

H AND QD® BUSHINGS

BUSHINGS



Bushing	Bore Range (in)	Keyseat (in)
E	7/8, 1 ⁵ / ₁₆ 1, 1 ¹ / ₁₆ , 1 ¹ / ₈ , 1 ³ / ₁₆ , 1 ¹ / ₄ 1 ⁵ / ₁₆ , 1 ³ / ₈ 1 ⁷ / ₁₆ , 1 ¹ / ₂ , 1 ⁹ / ₁₆ , 1 ⁵ / ₈ , 1 ¹¹ / ₁₆ , 1 ³ / ₄ 1 ¹³ / ₁₆ , 1 ⁷ / ₈ , 1 ¹⁵ / ₁₆ , 2, 2 ¹ / ₁₆ 2 ¹ / ₈ , 2 ³ / ₁₆ , 2 ¹ / ₄ 2 ⁵ / ₁₆ , 2 ³ / ₈ , 2 ⁷ / ₁₆ , 2 ¹ / ₂ , 2 ⁹ / ₁₆ , 2 ⁵ / ₈ 2 ¹¹ / ₁₆ , 2 ³ / ₄ 2 ¹³ / ₁₆ , 2 ⁷ / ₈ 2 ¹⁵ / ₁₆ , 3, 3 ¹ / ₁₆ , 3 ¹ / ₈ , 3 ³ / ₁₆ , 3 ¹ / ₄ 3 ⁵ / ₁₆ , 3 ³ / ₈ , 3 ⁷ / ₁₆ 3 ¹ / ₂	3 ¹ / ₁₆ X 3 ³ / ₃₂ 1 ¹ / ₄ X 1 ¹ / ₈ 5 ¹ / ₁₆ X 5 ³ / ₃₂ 3 ³ / ₈ X 3 ¹ / ₁₆ 1 ¹ / ₂ X 1 ¹ / ₄ 1 ¹ / ₂ X 1 ¹ / ₄ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 3 ³ / ₄ X 3 ³ / ₈ 3 ³ / ₄ X 1 ¹ / ₈ * 7 ⁷ / ₈ X 1 ¹ / ₁₆ * No Key
F	1, 1 ¹ / ₁₆ , 1 ¹ / ₈ , 1 ³ / ₁₆ , 1 ¹ / ₄ 1 ⁵ / ₁₆ , 1 ³ / ₈ 1 ⁷ / ₁₆ , 1 ¹ / ₂ , 1 ⁹ / ₁₆ , 1 ⁵ / ₈ , 1 ¹¹ / ₁₆ , 1 ³ / ₄ 1 ¹³ / ₁₆ , 1 ⁷ / ₈ , 1 ¹⁵ / ₁₆ , 2, 2 ¹ / ₁₆ 2 ¹ / ₈ , 2 ³ / ₁₆ , 2 ¹ / ₄ 2 ⁵ / ₁₆ , 2 ³ / ₈ , 2 ⁷ / ₁₆ , 2 ¹ / ₂ , 2 ⁵ / ₈ , 2 ⁹ / ₁₆ 2 ¹¹ / ₁₆ , 2 ³ / ₄ 2 ¹³ / ₁₆ , 2 ⁷ / ₈ , 2 ¹⁵ / ₁₆ , 3, 3 ¹ / ₁₆ 3 ¹ / ₈ , 3 ³ / ₁₆ , 3 ¹ / ₄ 3 ⁵ / ₁₆ , 3 ³ / ₈ , 3 ⁷ / ₁₆ , 3 ¹ / ₂ , 3 ⁹ / ₁₆ 3 ⁵ / ₈ , 3 ¹¹ / ₁₆ , 3 ³ / ₄ 3 ⁷ / ₈ , 3 ¹⁵ / ₁₆ 4	1 ¹ / ₄ X 1 ¹ / ₈ 5 ¹ / ₁₆ X 5 ³ / ₃₂ 3 ³ / ₈ X 3 ¹ / ₁₆ 1 ¹ / ₂ X 1 ¹ / ₄ 1 ¹ / ₂ X 1 ¹ / ₄ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 3 ³ / ₄ X 3 ³ / ₈ 3 ³ / ₄ X 3 ³ / ₈ 7 ⁷ / ₈ X 3 ¹ / ₁₆ * 7 ⁷ / ₈ X 3 ¹ / ₁₆ * 1 X 1 ¹ / ₈ * No Key
J	1 ⁷ / ₁₆ , 1 ¹ / ₂ , 1 ⁹ / ₁₆ , 1 ⁵ / ₈ , 1 ¹¹ / ₁₆ , 1 ³ / ₄ 1 ⁷ / ₈ , 1 ¹⁵ / ₁₆ , 2, 2 ¹ / ₁₆ 2 ¹ / ₈ , 2 ³ / ₁₆ , 2 ¹ / ₄ 2 ⁵ / ₁₆ , 2 ³ / ₈ , 2 ⁷ / ₁₆ , 2 ¹ / ₂ , 2 ⁹ / ₁₆ , 2 ⁵ / ₈ 2 ¹¹ / ₁₆ , 2 ³ / ₄ , 2 ¹³ / ₁₆ 2 ⁷ / ₈ , 2 ¹⁵ / ₁₆ , 3, 3 ¹ / ₁₆ 3 ¹ / ₈ , 3 ³ / ₁₆ , 3 ¹ / ₄ 3 ⁵ / ₁₆ , 3 ³ / ₈ , 3 ⁷ / ₁₆ , 3 ¹ / ₂ , 3 ¹¹ / ₁₆ 3 ⁵ / ₈ , 3 ¹¹ / ₁₆ , 3 ³ / ₄ 3 ¹³ / ₁₆ , 3 ⁷ / ₈ , 3 ¹⁵ / ₁₆ 4, 4 ¹ / ₈ , 4 ³ / ₁₆ , 4 ¹ / ₄ , 4 ³ / ₈ , 4 ⁷ / ₁₆ , 4 ¹ / ₂	3 ³ / ₈ X 3 ¹ / ₁₆ 1 ¹ / ₂ X 1 ¹ / ₄ 1 ¹ / ₂ X 1 ¹ / ₄ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 3 ³ / ₄ X 3 ³ / ₈ 3 ³ / ₄ X 3 ³ / ₈ 7 ⁷ / ₈ X 7 ¹ / ₁₆ 7 ⁷ / ₈ X 7 ¹ / ₁₆ * 1 X 3 ³ / ₈ * 1 X 1 ¹ / ₈ *
M	1 ¹⁵ / ₁₆ , 2, 2 ¹ / ₁₆ , 2 ¹ / ₈ 2 ³ / ₁₆ , 2 ¹ / ₄ , 2 ⁵ / ₁₆ 2 ³ / ₈ , 2 ⁷ / ₁₆ , 2 ¹ / ₂ , 2 ⁹ / ₁₆ , 2 ⁵ / ₈ 2 ¹¹ / ₁₆ , 2 ³ / ₄ , 2 ¹³ / ₁₆ 2 ⁷ / ₈ , 2 ¹⁵ / ₁₆ , 3, 3 ¹ / ₁₆ 3 ¹ / ₈ , 3 ³ / ₁₆ , 3 ¹ / ₄ , 3 ⁵ / ₁₆ 3 ³ / ₈ , 3 ⁷ / ₁₆ , 3 ¹ / ₂ , 3 ⁹ / ₁₆ 3 ⁵ / ₈ , 3 ¹¹ / ₁₆ , 3 ³ / ₄ 3 ¹³ / ₁₆ , 3 ⁷ / ₈ , 3 ¹⁵ / ₁₆ 4, 4 ¹ / ₈ , 4 ³ / ₁₆ , 4 ¹ / ₄ , 4 ³ / ₈ , 4 ⁷ / ₁₆ , 4 ¹ / ₂ 4 ⁵ / ₈ , 4 ¹¹ / ₁₆ , 4 ³ / ₄ , 4 ¹³ / ₁₆ 4 ⁷ / ₈ , 4 ¹⁵ / ₁₆ , 5, 5 ¹ / ₄ , 5 ⁷ / ₁₆ , 5 ¹ / ₂	1 ¹ / ₂ X 1 ¹ / ₄ 1 ¹ / ₂ X 1 ¹ / ₄ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 5 ⁵ / ₈ X 5 ¹ / ₁₆ 3 ³ / ₄ X 3 ³ / ₈ 3 ³ / ₄ X 3 ³ / ₈ 7 ⁷ / ₈ X 7 ¹ / ₁₆ 7 ⁷ / ₈ X 7 ¹ / ₁₆ 1 X 1 ¹ / ₂ 1 X 1 ¹ / ₂ 1 ¹ / ₄ X 5 ⁵ / ₈ 1 ¹ / ₄ X 1 ¹ / ₄ *
N	CALL FOR AVAILABILITY	
P	CALL FOR AVAILABILITY	

Bushing	Bore Range (mm)	Keyseat (mm)
H	10, 11 14, 15, 16 18, 19, 20, 22 24, 25, 28, 30 32, 35, 38	No Key 5 x 2.5 6 x 3 8 x 3.5 10 x 4
JA	15, 16 19, 20 24, 25, 28	5 x 2.5 6 x 3 8 x 3.5
SH	20, 22 24, 25, 28, 30 32, 35, 38	6 x 3 8 x 3.5 10 x 4
SDS	24, 25, 28, 30 32, 35, 38 40, 42	8 x 3.5 10 x 4 12 x 4
SD	24, 25, 28, 30 32, 35, 38 40, 42	8 x 3.5 10 x 4 12 x 4
SK	14 24, 25, 28, 30 32, 35, 38 40, 42 45, 48, 50 55 60	5 x 2.5 8 x 3.5 10 x 4 12 x 4 14 x 4.5 16 x 5 18 x 5.5
SF	28, 30 32, 35, 38 40, 42 45, 48, 50 55 60, 65	8 x 3.5 10 x 4 12 x 4 14 x 4.5 16 x 5 18 x 5.5
E	35, 38 40, 42 45, 48, 50 55 60, 65 70, 75 80	10 x 4 12 x 4 14 x 4.5 16 x 5 18 x 5.5 20 x 6 22 x 7
F	42 45, 48, 50 55 60, 65 70, 75 80, 85 90	12 x 4 14 x 4.5 16 x 5 18 x 5.5 20 x 6 22 x 7 25 x 7
J	50 55 60, 65 70, 75 80, 85 90, 95 100	14 x 4.5 16 x 5 18 x 5.5 20 x 6 22 x 7 25 x 7 28 x 8

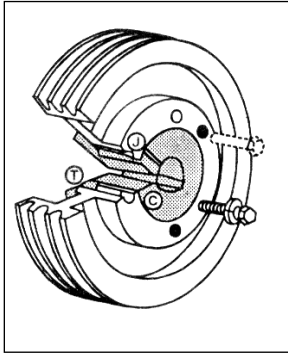
*Shallow keyseat – keystock is supplied with bushing.

IDC SELECT® SHEAVES & BUSHINGS

BUSHINGS

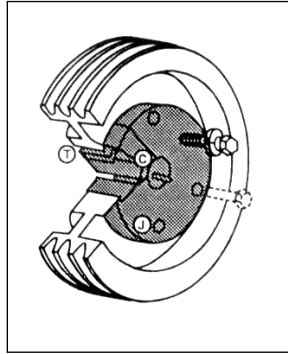
QD® BUSHING/SHEAVE INSTALLATION

QD bushing sizes JA through J can be assembled in either of the two positions shown below. Size M should be assembled in position one.



Position 1

Position one is the conventional or standard mounting.



Position 2

Position two (reverse mounting) may be necessary in some cases, such as mounting small sheaves with blind holes (not drilled through).

Bushing Size	Cap Screw Size & Thread	Foot Pounds Wrench Torque*
H	1/4 - 28	9
JA	No. 10	3
SH	1/4 - 20	6
SDS	1/4 - 20	6
SD	1/4 - 20	6
SK	5/16 - 18	10
SF	3/8 - 16	20
E	1/2 - 13	40
F	9/16 - 12	50
J	5/8 - 11	90
M	3/4 - 12	150

*For normal applications. For severe (rock-crusher type) applications these values can be increased by a maximum of 50%.

CAUTION:

Excessive cap-screw torque can cause sheave and/or bushing breakage. The use of lubricants can cause sheave breakage.

DO NOT USE LUBRICANTS IN THIS INSTALLATION!

INSTALLATION

1. Make sure the tapered-cone surface of the bushing and the mating bore of the sheave are free of all foreign substances, such as dirt, excess paint accumulations, metal chips, lubricants, etc.
2. For position one or two (whichever applies), line up the unthreaded holes (C) with the threaded holes (T) and insert cap screws with lock washers engaging only two or three threads. (*a)
3. With key in shaft keyway, slide the loosely-assembled unit onto shaft and position for good belt alignment. (*b, *c) **Use no lubricants or anti-seize compound on threads or tapered surfaces.**
4. Carefully tighten the capscrews alternately and progressively until the tapers are seated (at approximately half the recommended torque).
5. Check alignment and sheave runout (wobble) and correct as necessary.
6. Continue careful alternate and progressive tightening of the cap screws to the recommended torque values shown in the table. **Maximum torque should be achieved on each individual bolt only two times in the consecutive tightening.**

Note: When properly mounted, there will be a gap between the bushing flange and sheave after the screws are tightened.

Caution: use of lubricants and/or excessive screw torque can cause breakage.

7. Tighten the set screw, when available, to hold the key securely during operation.
- (*a) When mounting a sheave on M size bushing, position the threaded jack-apart hole (J) as far from the bushing saw as possible to reduce the possibility of bushing breakage.
- (*b) When installing large or heavy parts in **position one**, it may be easier to mount the key and bushing on the shaft first. Then place the sheave on the bushing and align the holes.
- (*c) **Caution:** when mounting on a vertical shaft, provisions must be made, which will positively prevent the sheave and/or bushing from dropping during installation.

REMOVAL

1. Loosen and remove all mounting cap screws.
2. Insert cap screws in all threaded jack-screw holds (J).
3. Start with the screws furthest from the bushing saw slot and tighten all jack screws alternately and progressively. Keep turning the screws in small equal amounts until the tapered surfaces disengage.

IDC SELECT® SHEAVES & BUSHINGS

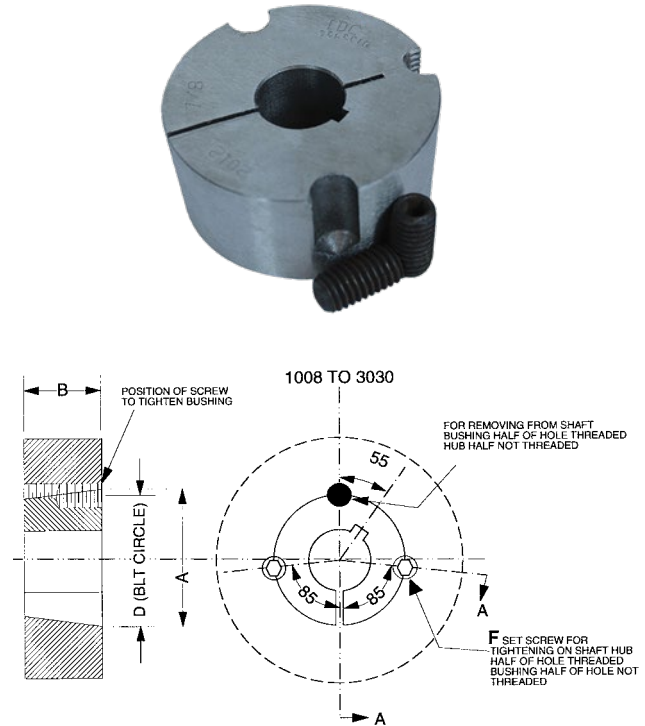
BUSHINGS

TAPER-LOCK® BUSHINGS

BUSHINGS

Bush No.	Bore Range (in)	Keyseat (in)
1008	1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8 15/16, 1	1/8 X 1/16 3/16 X 3/32 1/4 X 1/16*
1108	1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8 15/16, 1 1 1/16, 1 1/8	1/8 X 1/16 3/16 X 3/32 1/4 X 1/8 1/4 X 1/16*
1210 1215	1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4	1/8 X 1/16 3/16 X 3/32 1/4 X 1/8
1310	1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8	1/8 X 1/16 3/16 X 3/32 1/4 X 1/8 5/16 X 5/32
1610 1615	1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2 1 9/16, 1 5/8	1/8 X 1/16 3/16 X 3/32 1/4 X 1/8 5/16 X 5/32 3/8 X 3/16 3/8 X 1/8*
2012	1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 3/8, 1 11/16, 1 3/4 1 13/16, 1 7/8 1 15/16, 2 1 15/16, 2	1/8 X 1/16 3/16 X 3/32 1/4 X 1/8 5/16 X 5/32 3/8 X 3/16 1/2 X 1/4 1/2 X 3/16*
2517	1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8 15/16, 1 1/16, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 3/8, 1 11/16, 1 3/4 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4 2 5/16, 2 3/8, 2 7/16, 2 1/2	1/8 X 1/16 3/16 X 3/32 1/4 X 1/8 5/16 X 5/32 3/8 X 3/16 1/2 X 1/4 5/8 X 3/16*
2525	3/4, 13/16 7/8, 15/16, 1, 1 1/8, 1 3/16, 1 1/4 1 15/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 3/8, 1 11/16, 1 3/4 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4 2 5/16, 2 3/8, 2 7/16, 2 1/2	3/16 X 3/32 1/4 X 1/8 5/16 X 5/32 3/8 X 3/16 1/2 X 1/4 5/8 X 3/16*
3020	15/16, 1, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 3/8, 1 11/16, 1 3/4 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 5/8, 2 11/16, 2 3/4 2 7/8, 2 15/16, 3	1/4 X 1/8 5/16 X 5/32 3/8 X 3/16 1/2 X 1/4 5/8 X 5/16 3/4 X 1/4*
3030	15/16, 1, 1 1/8, 1 3/16, 1 1/4 1 5/16, 1 3/8 1 7/16, 1 1/2, 1 9/16, 1 3/8, 1 11/16, 1 3/4 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 5/8, 2 11/16, 2 3/4 2 7/8, 2 15/16, 3	1/4 X 1/8 5/16 X 5/32 3/8 X 3/16 1/2 X 1/4 5/8 X 5/16 3/4 X 1/4*

*Shallow keyseat - keystock supplies included with bushing

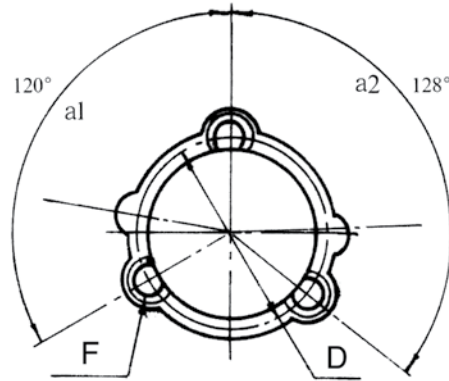
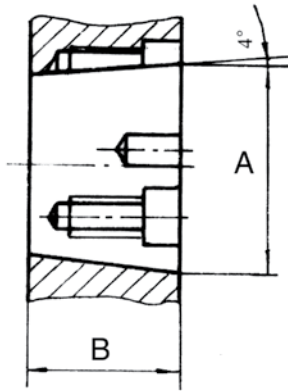


TB	A	B	D	F	Wt. (lb)
1008	1 25/64	7/8	1 21/64	1/4	0.27
1108	1 1/2	7/8	1 29/64	1/4	0.33
1210	1 7/8	1	1 3/4	3/8	0.61
1215	1 7/8	1 1/2	1 3/4	3/8	0.80
1610	2 1/4	1	2 1/8	3/8	0.90
1615	2 1/4	1 1/2	2 1/8	3/8	1.20
2012	2 3/4	1 1/4	2 5/8	7/16	1.70
2517	3 3/8	1 3/4	3 1/4	1/2	3.50
2525	3 3/8	2 1/2	3 1/4	1/2	4.90
3020	4 1/4	2	4	5/8	6.50
3030	4 1/4	3	5/8	4	9.20

IDC SELECT® SHEAVES & BUSHINGS

BUSHINGS

TAPER-LOCK® BUSHINGS



BUSHINGS

Bush No.	Bore Range (in)	Keyseat (in)
3535	1 ³ / ₁₆ , 1 ¹ / ₄	1/4 X 1/8
	1 ⁵ / ₁₆ , 1 ³ / ₈	5/16 X 5/32
	1 ⁷ / ₁₆ , 1 ¹ / ₂ , 1 ⁵ / ₈ , 1 ¹¹ / ₁₆ , 1 ³ / ₄ , 1 ¹³ / ₁₆	3/8 X 3/16
	1 ⁷ / ₈ , 1 ¹⁵ / ₁₆ , 2, 2 ¹ / ₈ , 2 ³ / ₁₆ , 2 ¹ / ₄	1/2 X 1/4
	2 ⁵ / ₁₆ , 2 ³ / ₈ , 2 ⁷ / ₁₆ , 2 ¹ / ₂ , 2 ⁵ / ₈ , 2 ¹¹ / ₁₆ , 2 ³ / ₄	5/8 X 5/16
	2 ¹³ / ₁₆ , 2 ⁷ / ₈ , 2 ¹⁵ / ₁₆ , 3, 3 ¹ / ₈ , 3 ³ / ₁₆ , 3 ¹ / ₄	3/4 X 3/8
	3 ⁵ / ₁₆ , 3 ³ / ₈ , 3 ⁷ / ₁₆ , 3 ¹ / ₂	7/8 X 1/4*
4040	1 ⁷ / ₁₆ , 1 ¹ / ₂ , 1 ⁵ / ₈ , 1 ¹¹ / ₁₆ , 1 ³ / ₄	3/8 X 3/16
	1 ¹³ / ₁₆ , 1 ⁷ / ₈ , 1 ¹⁵ / ₁₆ , 2, 2 ¹ / ₈ , 2 ³ / ₁₆ , 2 ¹ / ₄	1/2 X 1/4
	2 ⁵ / ₁₆ , 2 ³ / ₈ , 2 ⁷ / ₁₆ , 2 ¹ / ₂ , 2 ⁵ / ₈ , 2 ¹¹ / ₁₆ , 2 ³ / ₄	5/8 X 5/16
	2 ¹³ / ₁₆ , 2 ⁷ / ₈ , 2 ¹⁵ / ₁₆ , 3, 3 ¹ / ₈ , 3 ³ / ₁₆ , 3 ¹ / ₄	3/4 X 3/8
	3 ⁵ / ₁₆ , 3 ³ / ₈ , 3 ⁷ / ₁₆ , 3 ¹ / ₂ , 3 ⁵ / ₈	7/8 X 7/16
	3 ¹¹ / ₁₆ , 3 ³ / ₄	7/8 X 1/4
	3 ¹³ / ₁₆ , 3 ⁷ / ₈ , 3 ¹⁵ / ₁₆ , 4	1 X 1/4*
4545	2 ⁵ / ₁₆ , 2 ³ / ₈ , 2 ⁷ / ₁₆ , 2 ¹ / ₂ , 2 ⁵ / ₈ , 2 ³ / ₄	5/8 X 5/16
	2 ¹³ / ₁₆ , 2 ⁷ / ₈ , 2 ¹⁵ / ₁₆ , 3, 3 ¹ / ₈ , 3 ³ / ₁₆ , 3 ¹ / ₄	3/4 X 3/8
	3 ⁵ / ₁₆ , 3 ³ / ₈ , 3 ⁷ / ₁₆ , 3 ¹ / ₂ , 3 ⁵ / ₈ , 3 ³ / ₄	7/8 X 7/16
	3 ¹³ / ₁₆ , 3 ⁷ / ₈ , 3 ¹⁵ / ₁₆ , 4, 4 ¹ / ₈ , 4 ³ / ₁₆ , 4 ¹ / ₄	1 X 1/2
	4 ⁵ / ₁₆ , 4 ³ / ₈ , 4 ⁷ / ₁₆ , 4 ¹ / ₂	1 X 1/4*
5050	2 ⁷ / ₁₆	5/8 X 5/16
	2 ¹⁵ / ₁₆	3/4 X 3/8
	3 ³ / ₈ , 3 ⁷ / ₁₆ , 3 ⁵ / ₈	7/8 X 7/16
	3 ⁷ / ₈ , 3 ¹⁵ / ₁₆ , 4, 4 ¹ / ₄ , 4 ³ / ₈ , 4 ⁷ / ₁₆ , 4 ¹ / ₂	1 X 1/2
	4 ⁷ / ₈ , 4 ¹⁵ / ₁₆ , 5	1 ¹ / ₄ X 7/16*



*Shallow keyseat - keystock supplies included with bushing

TB	A	B	D	F	Wt. (lb)
3535	5	3 ¹ / ₂	4 ⁷ / ₈	1 ¹ / ₂	14.00
4040	5 ³ / ₄	4	5 ¹ / ₂	5/8	22.00
4545	6 ³ / ₈	4 ¹ / ₂	6 ¹ / ₈	3/4	30.00
5050	7	5	6 ³ / ₄	7/8	38.00

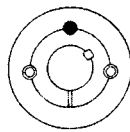
IDC SELECT® SHEAVES & BUSHINGS

BUSHINGS

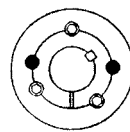
TAPER-LOCK® BUSHINGS

BUSHINGS

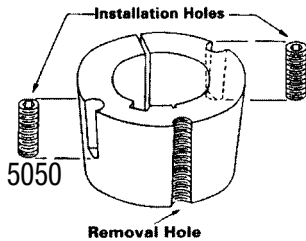
Bushing	Bore Range (mm)	Keyseat (mm)
1008	14, 16 18, 19, 20, 22 24, 25	5 x 2.3 6 x 2.8 8 x 2.0
1108	14, 16 18, 19, 20, 22 24, 25 28	5 x 2.3 6 x 2.8 8 x 3.3 8 x 2.0
1210	14, 16 18, 19, 20, 22 24, 25, 28, 30 32	5 x 2.3 6 x 2.8 8 x 3.3 10 x 3.3
1215	14, 16 18, 19, 20, 22 24, 25, 28, 30 32	5 x 2.3 6 x 2.8 8 x 3.3 10 x 3.3
1310	14, 16 18, 19, 20, 22 24, 25, 28, 30 32, 35	5 x 2.3 6 x 2.8 8 x 3.3 10 x 3.3
1610	14, 16 18, 19, 20, 22 24, 25, 28, 30 32, 35, 38 40, 42	5 x 2.3 6 x 2.8 8 x 3.3 10 x 3.3 12 x 3.3
1615	14, 16 18, 19, 20, 22 24, 25, 28, 30 32, 35, 38 40, 42	5 x 2.3 6 x 2.8 8 x 3.3 10 x 3.3 12 x 3.3
2012	18, 19, 20, 22 24, 25, 28, 30 32, 35, 38 40, 42, 45, 48, 50	6 x 2.8 8 x 3.3 10 x 3.3 12 x 3.3
2517	20, 22 24, 25, 28, 30 32, 35, 38 40, 42, 45, 48, 50 55, 60	6 x 2.8 8 x 3.3 10 x 3.3 10 x 3.3 16 x 4.3
3020 and 3030	25, 28, 30 32, 35, 38 40, 42 45, 48, 50 55 60, 65 70, 75	8 x 3.3 10 x 3.3 12 x 3.3 14 x 3.8 16 x 4.3 18 x 4.4 20 x 4.9
3535	35, 38 40, 42 45, 48, 50 55 60, 65 70, 75 80, 85, 90	10 x 3.3 12 x 3.3 14 x 3.8 16 x 4.3 18 x 4.4 20 x 4.9 22 x 5.4
4545	55 60, 65 70, 75 80, 85 90, 95 100, 105, 110	16 x 4.3 18 x 4.4 20 x 4.9 22 x 5.4 25 x 5.4 28 x 6.4
5050	60, 65 70, 75 80, 85 90, 95 100, 105, 110 115, 120, 125	18 x 4.4 20 x 4.9 22 x 5.4 25 x 5.4 28 x 6.4 32 x 7.4



1008 to 3030



3525 to 5050



INSTALLATION

1. Properly clean shaft, bore, and taper surface of bushing. Remove or degrease any oil, paint, or dirt.
2. Install the bushing into the pulley hub. Be sure to match the hole pattern, not the threaded holes. Match the half threaded holes with the half straight holes (a complete hole will be threaded on one side only).
3. Lightly oil the set screws (1008 to 3030) or the cap screws (3525 to 5050) and be sure to oil under the cap screw head. Install the screws into the holes that are threaded on the hub side (shown as in diagram). DO NOT LUBRICATE THE BUSHING TAPER OR BORE. BREAKAGE OF PRODUCT MAY OCCUR.
4. Fit the pulley with the bushing onto the shaft and locate in the proper location. Install key into the keyway of the shaft and bushing.
5. Tighten screws alternately and gradually in accordance with the torques listed on the Recommended Wrench Torque chart.
6. Using a hammer with a block or sleeve (do not hit bushing directly with hammer) tap on large end of the bushing and re-tighten screws per the appropriate wrench torque values.
7. Fill screw heads with grease to eliminate dirt build up.

REMOVAL

1. Remove all screws and lightly oil the point and threads. Oil under cap screws if used.
2. Install screws into the holes that are threaded only on the bushing side (shown as in diagram).
3. Tighten screws uniformly and alternately until the bushing is loose from in the hub and pulley is free from the shaft. Tap on small end of bushing to assist removal if it does not loosen. Note: one screw is not used for removal.

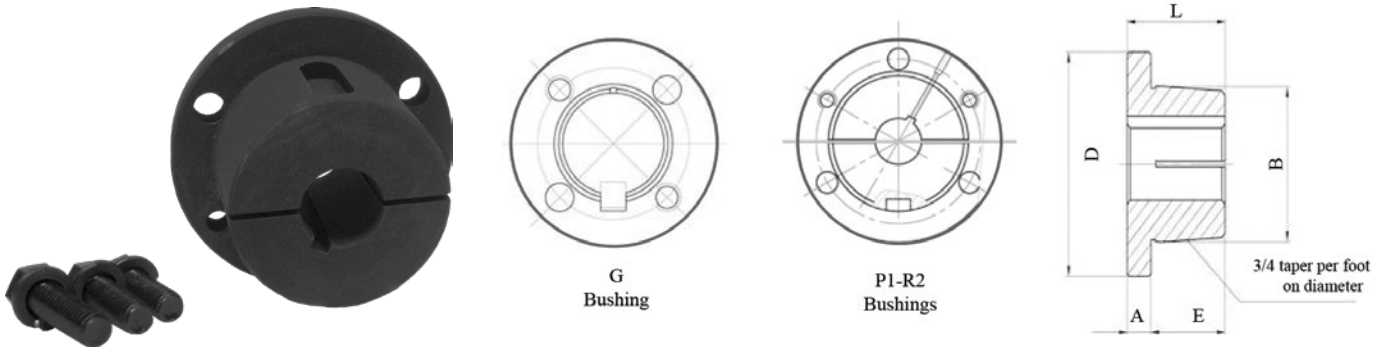
Recommended Wrench Torque				
Bushing #	Lb-In	Nm ²	Set Screw Hex Size	Set Screw Size (UNC)
1008, 1108	53	6	3mm	1/4-20UNC
1210, 1215	176	20	5mm	3/8-16UNC
1310	176	20	5mm	3/8-16UNC
1610, 1615	176	20	5mm	3/8-16UNC
2012	273	31	5mm	7/16-14UNC
2517, 2525	422	48	1/4	1/2-13UNC
3020, 3030	790	90	8mm	5/8-11UNC
3535	986	112	3/8	1/2-13UNC
4040	1,670	190	12mm	5/8-11UNC
4545	2,380	270	14mm	3/4-10UNC
5050	3,080	350	14mm	7/8-9UNC

Note: Unlike the English System, the Metric System does not refer to the keyseat or keyway dimensions. Dimensions are given for the key itself which is rectangular, not square as in the English System. Ordering Example: (1008-14MM) or (4545-105MM).

IDC SELECT® SHEAVES & BUSHINGS

BUSHINGS

DOUBLE SPLIT TAPER BUSHINGS



Bushing	Double Split Taper Bushings - Dimensions (in)					Bolt Circle Diameter	Cap Screws GRADE 5		Average Weight (lb)
	A	B	D	E	L		Qty	Size	
G	1/4	1.172	2	3/4	1	19/16	2	1/4 x 5/8	0.50
P1	13/32	1 15/16	3	1 17/32	1 15/16	27/16	3	5/16 x 1	1.30
P2	13/32	1 15/16	3	2 17/32	2 15/16	27/16	3	5/16 x 1	1.50
B	1/2	2 5/8	3 11/16	1 7/16	1 15/16	3 1/8	3	5/16 x 1 1/4	1.80
Q1	17/32	2 7/8	4 1/8	1 31/32	2 1/2	3 3/8	3	3/8 x 1 1/4	3.50
Q2	17/32	2 7/8	4 1/8	2 31/32	3 1/2	3 3/8	3	3/8 x 1 1/4	4.50
R1	5/8	4	5 3/8	2 1/4	2 7/8	4 5/8	3	3/8 x 1 3/4	7.50
R2	5/8	4	5 3/8	4 1/4	4 7/8	4 5/8	3	3/8 x 1 3/4	11.00

Bushing	Bore Range (in)	Wt.	Key Seat (in)
G	3/8, 7/16, 3/4	0.40	NONE
	1/2, 9/16	0.40	1/8 x 1/16
	1/2, 9/16	0.40	1/8 x 1/16
	5/8, 1 1/16, 3/4, 13/16, 7/8	0.40	3/16 x 3/32
	15/16*, 1*	0.40	1/4 x 1/16*
P1	1/2, 9/16	1.70	1/8 x 1/16
	5/8, 1 1/16, 3/4, 21/32, 25/32, 13/16, 7/8	1.70	3/16 x 3/32
	15/16, 31/32, 1, 1 1/16, 1 1/8, 13/16, 1 1/4, 1 3/8	1.70	5/16 x 5/32
	1 1/16, 1 3/4, 1 7/16	1.70	13/8 x 3/16
P2	3/4, 13/16, 7/8	2.18	3/16 x 3/32
	15/16, 1, 1 11/16, 1 1/8, 13/16, 1 1/4	2.18	1/4 x 1/8
	15/16, 1 3/8	2.18	5/16 x 5/32
	1 7/16*, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 3/4	2.18	3/8 x 3/16
Q1	3/4, 13/16, 7/8	4.60	3/16 x 3/32
	15/16, 1, 1 1/16, 1 1/8, 13/16, 1 1/4	4.60	1/4 x 1/8
	15/16, 1 3/8	4.60	5/16 x 5/32
	1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4	4.60	3/8 x 3/16
	1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4	4.60	1/2 x 1/4
	2 5/16, 2 3/8, 2 7/8, 2 1/2, 2 9/16, 2 5/8, 2 11/16	4.60	5/8 x 5/16

Bushing	Bore Range (in)	Wt.	Key Seat (in)
Q2	1, 1 11/16, 1 1/8, 1 3/16, 1 1/4	5.80	1/4 x 1/8
	15/16, 1	5.80	5/16 x 3/32
	1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4	5.80	3/8 x 3/16
	1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4	5.80	1/2 x 1/4
	2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8	5.80	5/8 x 5/16
R1	1 1/16	9.95	3/16 x 3/32
	1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16	9.95	1/4 x 1/8
	1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4	9.95	3/8 x 3/16
	1 13/16, 1 7/8, 1 15/16, 2 1/16, 2 1/8, 2 3/16, 2 1/4	9.95	1/2 x 1/4
	2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4	9.95	5/8 x 5/16
	2 13/16, 2 7/8, 2 15/16, 3, 3 1/8, 3 3/16, 3 1/4	9.95	3/4 x 3/8
R2	3 3/8, 3 7/16, 3 1/2, 3 5/8, 3 3/4	9.95	7/8 x 7/16
	1 1/16	14.38	3/16 x 3/32
	1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4	14.38	3/8 x 3/16
	1 13/16, 1 7/8, 1 15/16, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16	14.38	1/2 x 1/4
	2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4	14.38	5/8 x 5/16
	2 13/16, 2 7/8, 2 15/16, 3, 3 1/8, 3 3/16, 3 1/4	14.38	3/4 x 3/8
	3 3/8, 3 7/16, 3 1/2, 3 5/8, 3 3/4, 3 3/8	14.38	3/4 x 3/8
	3 7/16, 3 1/2, 3 5/8	14.38	7/8 x 7/16

*Shallow keyseat - keystock supplied with bushing

A rectangular key is supplied with bushings that have shallow keyseats. This key will fit the standard depth keyseat on the shaft and the shallow keyseat on the bushing.

IDC SELECT® SHEAVES & BUSHINGS

BUSHINGS

DOUBLE SPLIT TAPER BUSHINGS

BUSHINGS

Bushing	Bore Range (mm)	Keyseat (mm)	Wt.
G	10, 11, 12	No Key	0.40
	14, 16	5 x 2.5	0.40
	18, 19, 20, 22	6 x 3	0.40
	24, 25	8 x 3.5	0.40
H	10, 11	No Key	0.90
	14, 15, 16	5 x 5	0.90
	18, 19, 20, 22	6 x 6	0.90
	24, 25, 28, 30	8 x 3.5	1.70
	32, 35, 38	10 x 4	0.90
P1	14, 15, 16	5 X 2.5	1.70
	18, 19, 20, 22	6 x 3	1.70
	24, 25, 28, 30	8 x 3.5	0.90
	32, 35, 36, 38, 39	10 x 4	1.70
	40, 42	12 x 4	1.70
B	15, 16	5 x 2.5	3.20
	18, 19, 20, 22	6 x 3	3.20
	24, 25, 28, 30	8 x 3.5	3.20
	32, 35, 36, 38,	10 x 4	3.20
	40, 42	12 x 4	3.20
	45, 48, 50	14 x 4.5	3.20
	55	16 x 5	3.20
	60	18 x 5.5	3.20
Q1	18, 19, 20, 22	6 x 3	4.60
	24, 25, 28, 30	8 x 3.5	4.60
	32, 35, 36, 38, 40, 42	10 x 4	4.60
	45, 48, 50	14 x 4.5	4.60
	55	16 x 5	4.60
	60, 65	18 x 5.5	4.60
R1	28, 30	8 x 3.5	9.95
	32, 35, 36, 38	10 x 4	9.95
	39, 40, 42	12 x 4	9.95
	45, 48, 50	14 x 4.5	9.95
	55	16 x 5	9.95
	60, 65	18 x 5.5	9.95
	70, 75	20 x 6	9.95
	80, 85	22 x 7	9.95
R2	90, 95	25 x 7	9.95
	35, 36, 38	10 x 4	14.38
	39, 40, 42	12 x 4	14.38
	45, 48, 50	14 x 4.5	14.38
	55	16 x 5	14.38
	60, 65	18 x 5.5	14.38
	70, 75	20 x 6	14.38
	80, 85	22 x 7	14.38
	90	25 x 7	14.38

DOUBLE SPLIT TAPER BUSHINGS INSTALLATION INSTRUCTIONS



INSTALLATION

1. Properly clean shaft, bore and taper surfaces of bushing. Remove and degrease any excess oil, paint or dirt, this includes the cap screws. Caution: excessive cap screw torque can cause sheave or bushing breakage. The use of lubricants can cause sheave breakage. **DO NOT USE LUBRICANTS OF ANY TYPE WITH THIS INSTALLATION.**
2. Install the bushing into the hub and match the unthreaded bushing holes with the threaded holes of the hub. Install the cap screws and lock washers through the unthreaded holes and into the threaded holes of the hub. Engage only a few threads by hand – do not use a wrench.
3. Install key into the keyway path of the shaft and fit assembly onto the shaft and locate in the proper location.
4. Tighten cap screws alternately and gradually. Tighten cap screws to the recommended wrench torque value using a torque wrench

REMOVAL

Remove cap screws and insert into the tapped holes in the bushing. Tighten them alternately and gradually until the bushing disengages from the hub.

Recommended Wrench Torque		
Bushing #	lb-in	lb-ft
G	95	8
H	95	8
P1	192	16
P2	192	16
Q1	348	29
Q2	348	29
R1	348	29
R2	348	29

IDC SELECT® SHEAVES & BUSHINGS

PRODUCT SPECIFICATIONS

BUSHINGS

Description	Product Specifications
Nodular Cast Iron	✓ Nodular graphite cast iron ✓ Material grade QT 500 - 7 international class (72,387 PSI average range) ✓ Equivalent to U.S. Standard A536/A536-84 (ASTM)
Composition	All nodular cast iron bushings contain: ✓ Carbon: 3.6% ~ 3.9% ✓ Silicon: 2.2% ~ 2.6% ✓ Manganese: 0.3% ~ 0.5% ✓ Phosphorus: 0.1% ✓ Sulfur: 0.02%
Microstructure	ferritic + pearlitic
Brinell Hardness Range	156 ~ 217
Tensile Strength Range	Minimum 65,000 psi (equivalent to 500 n/mm2)
Elongation	7%
Coating/Plating	Cast iron bushings are phosphorated (bushings are not painted)
Bolt Grade	✓ Equivalent to SAE grade 5 (1,000 n/mm3) ✓ Tensile strength = 120,000 psi minimum

SHEAVES

Description	Product Specifications
Gray Cast Iron	Class 25 gray cast iron (ASTM std.) – light duty Class 30 gray cast iron (ASTM std.) – heavy duty
Composition	a. <u>Section thickness less than 20mm</u> ✓ Carbon: 3.1% ~ 3.4% ✓ Silicon: 1.7% ~ 2.1% ✓ Manganese: 0.6% ~ 0.9% ✓ Phosphorus: ≤0.3% ✓ Sulfur: ≤0.15% b. <u>Section thickness between 20mm & 40mm</u> ✓ Carbon: 3.2% ~ 3.4% ✓ Silicon: 1.8% ~ 2.2% ✓ Manganese: 0.6% ~ 0.8% ✓ Phosphorus: ≤0.3% ✓ Sulfur: ≤0.15% c. <u>Section thickness greater than 40mm</u> ✓ Carbon: 3.1% ~ 3.3% ✓ Silicon: 1.6% ~ 1.9% ✓ Manganese: 0.6% ~ 0.8% ✓ Phosphorus: ≤0.3% ✓ Sulfur: ≤0.15% ✓ Phosphorus: .3% ✓ Sulfur: .12%
Microstructure	Slice pearlitic + slice graphite
Brinell Hardness Range	170 ~ 229 (light duty) 187 ~ 241 (heavy duty)
Tensile Strength	Minimum 24,500 psi (light duty) Minimum 29,500 psi (heavy duty)
Coating	Cast iron sheaves are phosphorated before painting. This is to improve the cohesion between the paint film and the base to effectively keep the metal (inside the paint) free from rust. A high quality phosphatic lacquer is used to form a dense and regular gray phosphating film over the iron.
Paint	✓ Type: amino baking enamel ✓ Primary Component: cyanamid resin

SHEAVE NOMENCLATURE

IDC Select® offers a wide range of sheaves and bushings to meet your application requirements. Our V-belt drive sheave offering includes:

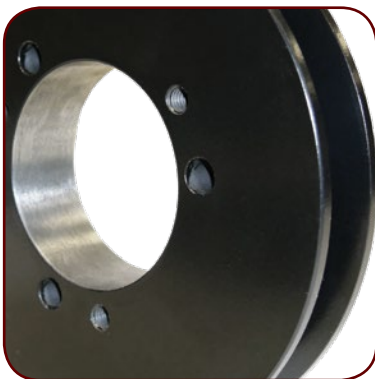
- Classical V-belt
- Narrow V-belt
- Adjustable pitch
- Light duty

Our bushing offering includes:

- QD®
- TAPER-LOCK®
- Split taper

All IDC Select® sheaves are manufactured from 25 and 30 Gray Cast Iron (ASTM Std.) They are supplied with static balancing, include a baked enamel finish, and are individually packaged.

All IDC Select® bushings are manufactured from cast iron or steel depending on the design.

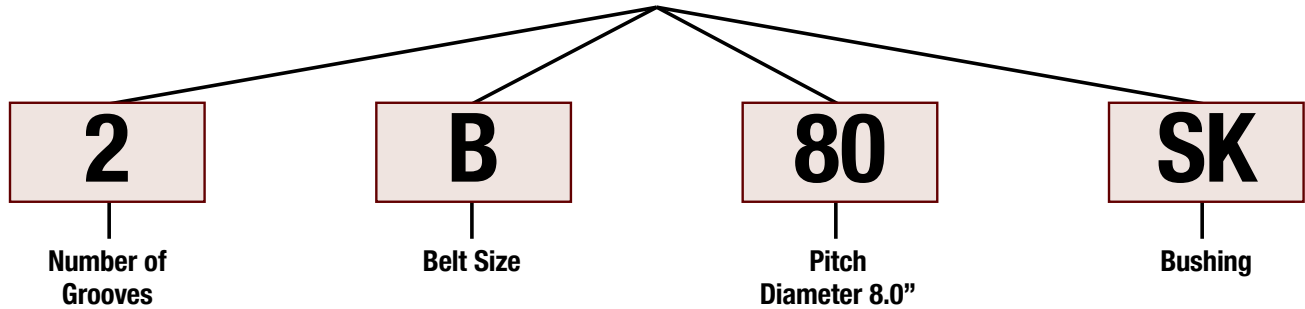


IDC SELECT® SHEAVES & BUSHINGS

SHEAVE NOMENCLATURE

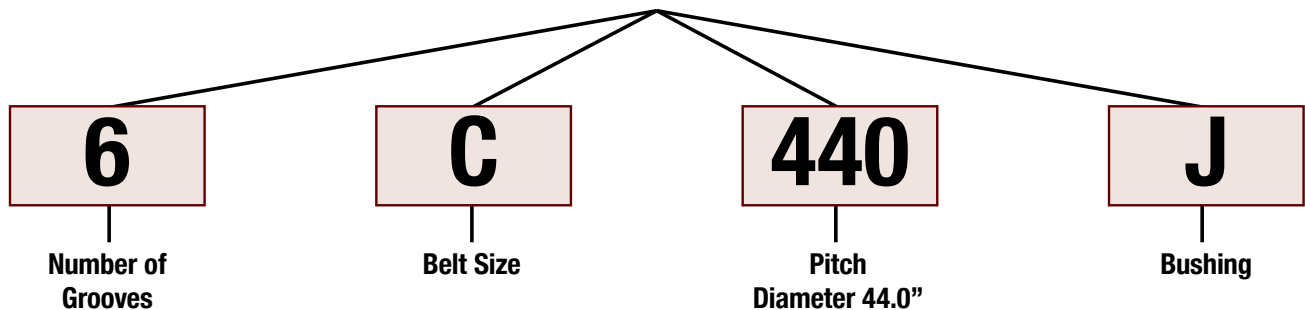
A-B QD® Sheaves

2B 80 SK



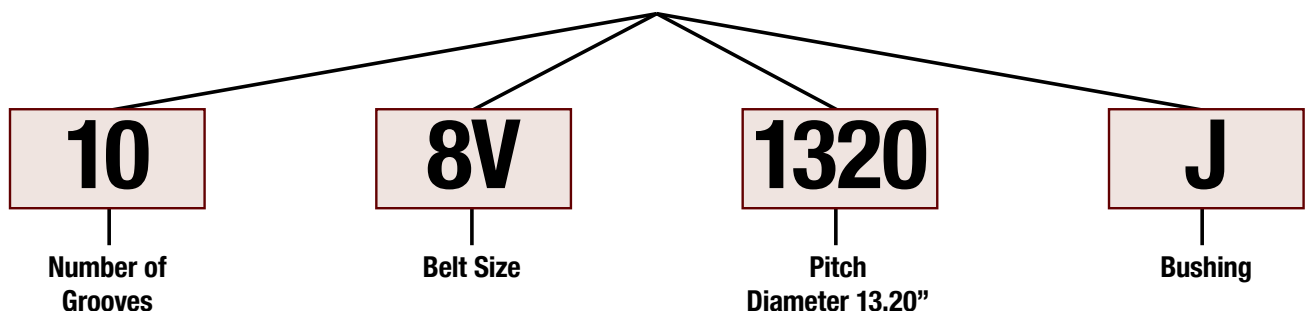
C QD® Sheaves

6C 440 J



3V, 5V & 8V QD® Sheaves

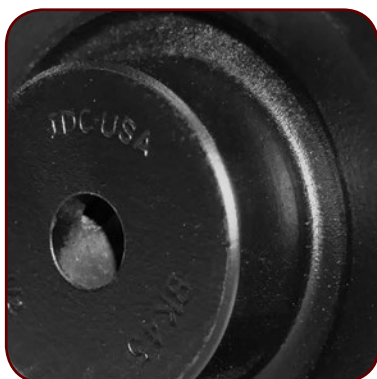
10-8V 1320 J



BORED-TO-SIZE SHEAVES

IDC Select® light duty bored-to-size sheaves are available in single and two groove designs for A-B & 3L-4L-5L belts. Each unit is supplied with a keyway and a set screw over the keyway. They are precision machined from 25 gray cast iron, statically balanced, painted with a baked enamel finish and individually packaged.

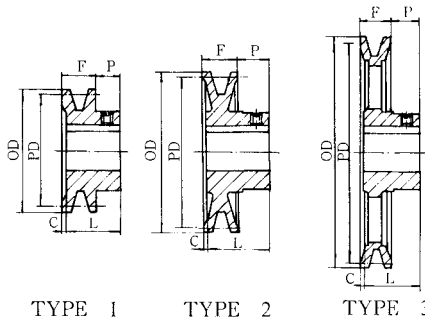
BORED-TO-SIZE SHEAVES



IDC SELECT® SHEAVES & BUSHINGS

BORED-TO-SIZE SHEAVES

SINGLE GROOVE SHEAVES FOR “3L” “4L” & “A” BELTS



TYPE 1

TYPE 2

TYPE 3



Standard Keyseats

Bore-Range	Keyseat
1/2	None
5/8 - 7/8	3/16 X 3/32
15/16 - 1 1/4	1/4 X 1/8
15/16 - 1 3/8	1/4 X 5/32
1 7/16 - 1 3/4	3/8 X 3/16

Part No.	Diameters (in)			Type	Dimension (in)				Stock Bores (in)	Weight (lb)
	O.D	Pitch			F	L	P	C		
		"3L"	"4L"+ "A"							
IDC AK17*	1.75	1.16	1.50	1	21/32	15/16	7/16	5/32	1/2, 5/8	0.20
IDC AK20*	2.00	1.46	1.80	1	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4	0.30
IDC AK21*	2.10	1.56	1.90	1	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4	0.40
IDC AK22*	2.20	1.66	2.00	1	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4	0.50
IDC AK23*	2.30	1.76	2.10	1	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4, 7/8	0.50
IDC AK25*	2.50	1.96	2.30	2	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4, 7/8, 1	0.50
IDC AK26*	2.60	2.06	2.40	2	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4	0.50
IDC AK27*	2.70	2.16	2.50	2	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4	0.60
IDC AK28*	2.80	2.26	2.60	2	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4, 7/8, 1	0.70
IDC AK30*	3.05	2.46	2.80	2	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4, 7/8, 1	0.70
IDC AK32*	3.25	2.66	3.00	2	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	0.70
IDC AK34*	3.45	2.86	3.20	2	21/32	15/16	7/16	5/32	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	0.90
IDC AK39	3.75	3.16	3.50	2	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8	1.40
IDC AK41	3.95	3.36	3.70	2	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1	1.50
IDC AK44	4.25	3.66	4.00	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8	1.50
IDC AK46	4.45	3.86	4.20	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8	1.50
IDC AK49	4.75	4.16	4.50	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8	1.70
IDC AK51	4.95	4.36	4.70	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.70
IDC AK54	5.25	4.66	5.00	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16	1.80
IDC AK56	5.45	4.86	5.20	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16	1.90
IDC AK59	5.75	5.16	5.50	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16	2.00
IDC AK61	5.95	5.36	5.70	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16	2.10
IDC AK64	6.25	5.66	6.00	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16	2.20
IDC AK66	6.45	5.86	6.20	3	3/4	1 5/32	1 5/32	1/16	1/2, 5/8, 3/4, 1, 1 1/8	2.30
IDC AK69	6.75	6.16	6.50	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 1/8	3.50
IDC AK71	6.95	6.36	6.70	3	3/4	1 15/32	2 3/32	0	1/2, 5/8, 3/4, 1, 1 1/8, 1 7/16	3.80
IDC AK74*	7.25	6.66	7.00	3	3/4	1 15/32	2 3/32**	0	1/2, 5/8, 3/4, 1 5/16, 1, 1 1/8, 1 3/16, 1 1/4, 1 7/16	3.40
IDC AK79*	7.75	7.16	7.50	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 1/8, 1 7/16	4.00
IDC AK84*	8.25	7.66	8.00	3	3/4	1 15/32	2 3/32**	0	1/2, 5/8, 3/4, 1 5/16, 1, 1 3/16, 1 7/16	3.80
IDC AK89*	8.75	8.16	8.50	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 1/8, 1 7/16	4.30
IDC AK94*	9.25	8.66	9.00	3	3/4	1 15/32	2 3/32**	0	1/2, 5/8, 3/4, 1 5/16, 1, 1 3/16, 1 1/4, 1 7/16	4.50
IDC AK99*	9.75	9.16	9.50	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 7/16	5.30
IDC AK104*	10.25	9.66	10.00	3	3/4	1 15/32	2 3/32**	0	5/8, 3/4, 1, 1 3/16, 1 1/4, 1 3/8, 1 7/16	5.10
IDC AK109*	10.75	10.16	10.50	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 3/8, 1 7/16	5.80
IDC AK114*	11.25	10.66	11.00	3	3/4	1 15/32	2 3/32**	0	3/4, 1, 1 3/16, 1 7/16	5.60
IDC AK124*	12.25	11.66	12.00	3	3/4	1 15/32	2 3/32**	0	5/8, 3/4, 1, 1 3/16, 1 1/4, 1 7/16	6.50
IDC AK134	13.25	12.66	13.00	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 3/16, 1 3/8, 1 7/16	7.50
IDC AK144	14.25	13.66	14.00	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 3/16, 1 7/16	8.50
IDC AK154	15.25	14.66	15.00	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 3/16, 1 3/8, 1 7/16	9.80
IDC AK184	18.25	17.66	18.00	3	3/4	1 15/32	2 3/32	0	3/4, 1, 1 3/16, 1 7/16	12.10

*Do not use these “AK” sheaves with bores 1” and under with gripnotch belt ratings

**P=25/32” and C=1/16” for 1” bore and smaller

AK sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged. Sheaves are furnished with a standard keyways & set screws.

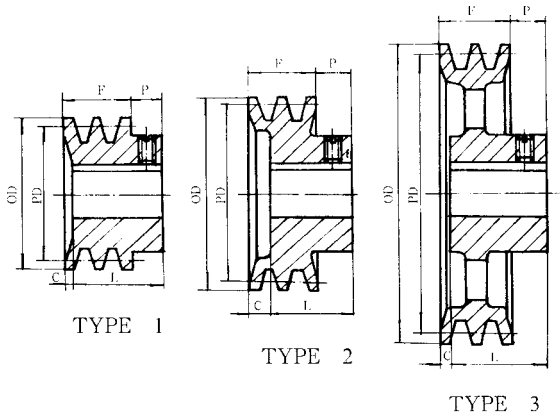
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IDC SELECT® SHEAVES & BUSHINGS

BORED-TO-SIZE SHEAVES

TWO GROOVE SHEAVES FOR “3L” “4L” & “A” BELTS



Standard Keyseats	
Bore-Range	Keyseat
1/2	None
5/8 - 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

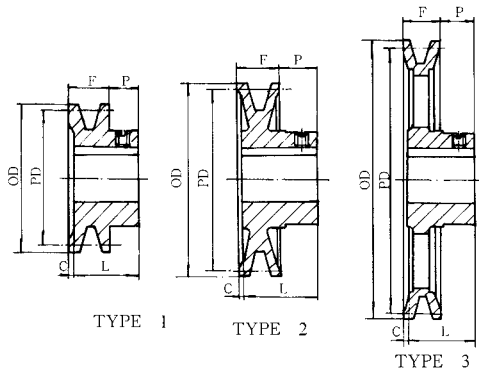
Part No.	Diameters (in)			Type	Dimension (in)				Stock Bores (in)	Weight (lb)
	O.D	Pitch			F	L	P	C		
		“3L”	“4L”+“A”							
IDC 2AK20	2.00	1.46	1.80	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	½, ⅝, ¾, 7⁄8	0.80
IDC 2AK21	2.15	1.56	1.90	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	½, ⅝, ¾	0.90
IDC 2AK22	2.25	1.66	2.00	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	½, ⅝, ¾, 7⁄8	0.90
IDC 2AK23	2.35	1.76	2.10	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	⅝, ¾, 7⁄8, 1	1.10
IDC 2AK25	2.55	1.96	2.30	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	⅝, ¾, 7⁄8, 1	1.30
IDC 2AK26	2.65	2.06	2.40	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	⅝, ¾, 7⁄8, 1	1.40
IDC 2AK27	2.75	2.16	2.50	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	⅝, ¾, 7⁄8, 1	1.50
IDC 2AK28	2.85	2.26	2.60	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	⅝, ¾, 7⁄8, 1	1.80
IDC 2AK30	3.05	2.46	2.80	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	½, ⅝, ¾, 7⁄8, 1, 1⅝	1.80
IDC 2AK32	3.25	2.66	3.00	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	½, ⅝, ¾, 7⁄8, 1, 1⅝	2.10
IDC 2AK34	3.45	2.86	3.20	1	1⅜	12 ¹ / ₃₂	15 ³ / ₃₂	⅜ ₁₆	½, ⅝, ¾, 7⁄8, 1, 1⅝	2.30
IDC 2AK39	3.75	3.16	3.50	2	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	½, ⅝, ¾, 7⁄8, 1, 1⅝	2.60
IDC 2AK41	3.95	3.36	3.70	2	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	⅝, ¾, 7⁄8, 1, 1⅝	2.90
IDC 2AK44	4.25	3.66	4.00	2	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	⅝, ¾, 7⁄8, 1, 1⅝	3.00
IDC 2AK46	4.45	3.86	4.20	2	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	7⁄8, 1, 1⅝	3.10
IDC 2AK49	4.75	4.16	4.50	2	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	¾, 7⁄8, 1, 1⅝, 1⅜	3.60
IDC 2AK51	4.95	4.36	4.70	2	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	¾, 7⁄8, 1, 1⅝, 1⅜	3.80
IDC 2AK54	5.25	4.66	5.00	3	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	⅝, ¾, 7⁄8, 1, 1⅝, 1⅜	3.30
IDC 2AK56	5.45	4.86	5.20	3	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	⅝, ¾, 7⁄8, 1, 1⅝, 1⅜	3.40
IDC 2AK59	5.75	5.16	5.50	3	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	1, 1⅝, 1⅜	3.50
IDC 2AK61	5.95	5.36	5.70	3	1⅜	11 ¹ / ₃₂	15 ³ / ₃₂	½	¾, 7⁄8, 1, 1⅝, 1⅜	3.60
IDC 2AK64	6.25	5.66	6.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	¾, 1, 1⅝, 1⅜ ₁₆ , 1⅜, 1 ⁷ / ₁₆	4.80
IDC 2AK74	7.25	6.66	7.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	¾, 1, 1⅝, 1⅜ ₁₆ , 1⅜, 1 ⁷ / ₁₆	5.60
IDC 2AK84	8.25	7.66	8.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	¾, 1 ⁵ / ₁₆ , 1, 1⅝, 1⅜ ₁₆ , 1⅜, 1 ⁷ / ₁₆	6.40
IDC 2AK94	9.25	8.66	9.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	¾, 1, 1⅝, 1⅜ ₁₆ , 1⅜, 1 ⁷ / ₁₆	7.30
IDC 2AK104	10.25	9.66	10.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	¾, 1 ⁵ / ₁₆ , 1, 1 ⁷ / ₁₆	8.10
IDC 2AK114	11.25	10.66	11.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	¾, 1, 1⅜ ₁₆ , 1⅜, 1 ⁷ / ₁₆	9.00
IDC 2AK124	12.25	11.66	12.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	¾, 1, 1⅜ ₁₆ , 1 ⁷ / ₁₆	9.80
IDC 2AK134	13.25	12.66	13.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	1⅜ ₁₆ , 1 ⁷ / ₁₆	12.30
IDC 2AK144	14.25	13.66	14.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	1, 1 ⁷ / ₁₆	13.90
IDC 2AK154	15.25	14.66	15.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	1⅜ ₁₆ , 1 ⁷ / ₁₆	14.30
IDC 2AK184	18.25	17.66	18.00	3	1⅜	11 ⁹ / ₃₂	11 ³ / ₃₂	⅙	1⅜ ₁₆ , 1 ⁷ / ₁₆	17.40

2AK sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged. Sheaves are furnished with standard keyways & set screws.

IDC SELECT® SHEAVES & BUSHINGS

BORED-TO-SIZE SHEAVES

SINGLE GROOVE SHEAVES FOR “4L” “5L” & “B” BELTS



Standard Keyseats	
Bore-Range	Keyseat
1/2	None
5/8 - 7/8	3/16 x 3/32
1 1/16 - 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

Part No.	Diameters (in)			Type	Dimension (in)				Stock Bores (in)	Weight (lb)
	O.D	Pitch			F	L	P	C		
"4L"		"5L" + "B"								
IDC BK24*	2.40	1.80	2.20	1	13/16	1 1/16	13/32	5/32	1/2, 5/8, 3/4, 7/8	0.40
IDC BK25*	2.50	1.90	2.30	1	13/16	1 1/16	13/32	5/32	1/2, 5/8, 3/4, 7/8, 1	0.50
IDC BK26*	2.60	2.00	2.40	1	13/16	1 1/16	13/32	5/32	1/2, 5/8, 3/4, 7/8	0.60
IDC BK27*	2.70	2.10	2.50	2	13/16	1 1/16	13/32	5/32	1/2, 5/8, 3/4, 7/8, 1	0.60
IDC BK28*	2.95	2.20	2.60	2	13/16	1 1/16	13/32	5/32	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	0.80
IDC BK30*	3.15	2.40	2.80	2	13/16	1 1/16	13/32	5/32	1/2, 5/8, 3/4, 7/8, 1	0.80
IDC BK32*	3.35	2.60	3.00	2	13/16	1 1/16	13/32	5/32	1/2, 5/8, 3/4, 7/8	0.80
IDC BK34	3.55	2.80	3.20	2	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.30
IDC BK36	3.75	3.00	3.40	2	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.50
IDC BK40	3.95	3.20	3.60	2	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.50
IDC BK45	4.25	3.50	3.90	2	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.80
IDC BK47	4.45	3.70	4.10	2	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.90
IDC BK50	4.75	4.00	4.40	3	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	2.00
IDC BK52	4.95	4.20	4.60	3	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	2.00
IDC BK55	5.25	4.50	4.90	3	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 3/16	2.20
IDC BK57	5.45	4.70	5.10	3	7/8	1 5/32	13/32	1/8	5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8	2.30
IDC BK60	5.75	5.00	5.40	3	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 3/16	2.30
IDC BK62	5.95	5.20	5.60	3	7/8	1 5/32	13/32	1/8	1/2, 5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16	2.40
IDC BK65	6.25	5.50	5.90	3	7/8	1 5/32	13/32	1/8	5/8, 3/4, 1, 1 1/8	2.70
IDC BK67	6.45	5.70	6.10	3	7/8	1 5/32	13/32	1/8	5/8, 3/4, 1, 1 1/8	2.80
IDC BK70	6.75	6.00	6.40	3	7/8	1 15/32	2 1/32**	1/16**	5/8, 3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16, 1 7/16	3.30
IDC BK72	6.95	6.20	6.60	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 1/8, 1 3/8	3.90
IDC BK75	7.25	6.50	6.90	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 1/8, 1 3/8	3.90
IDC BK77	7.45	6.70	7.10	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 1/8, 1 3/8	4.10
IDC BK80	7.75	7.00	7.40	3	7/8	1 15/32	2 1/32	1/16	5/8, 3/4, 7/8, 1, 1 1/8, 1 3/16, 1 1/4, 1 3/8, 1 7/16	4.40
IDC BK85	8.25	7.50	7.90	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 1/8, 1 3/8, 1 7/16	5.00
IDC BK90	8.75	8.00	8.40	3	7/8	1 15/32	2 1/32	1/16	3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16, 1 3/8, 1 7/16	5.00
IDC BK95	9.25	8.50	8.90	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 1/8, 1 3/8, 1 7/16	5.40
IDC BK100	9.75	9.00	9.40	3	7/8	1 15/32	2 1/32	1/16	3/4, 7/8, 1 5/16, 1, 1 1/8, 1 3/16, 1 1/4, 1 3/8, 1 7/16	5.60
IDC BK105	10.25	9.50	9.90	3	7/8	1 15/32	2 1/32	1/16	1, 1 3/8, 1 7/16	5.80
IDC BK110	10.75	10.00	10.40	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 1/8, 1 3/16, 1 3/8, 1 7/16	6.40
IDC BK115	11.25	10.50	10.90	3	7/8	1 15/32	2 1/32	1/16	1, 1 3/8, 1 7/16	6.90
IDC BK120	11.75	11.00	11.40	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 3/16, 1 1/4, 1 3/8, 1 7/16	7.40
IDC BK130	12.75	12.00	12.40	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 1/8, 1 3/16, 1 1/4, 1 7/16	8.40
IDC BK140	13.75	13.00	13.40	3	7/8	1 15/32	2 1/32	1/16	3/4, 1, 1 3/16, 1 7/16	9.40
IDC BK160	15.75	15.00	15.40	3	7/8	1 15/32	2 1/32	1/16	1, 1 1/8, 1 3/16, 1 1/4, 1 7/16	11.40
IDC BK190	18.75	18.00	18.40	3	7/8	1 15/32	2 1/32	1/16	1, 1 3/16, 1 1/4, 1 7/16	13.40

*Do not use these “BK” sheaves with “B” gripnotch belt ratings

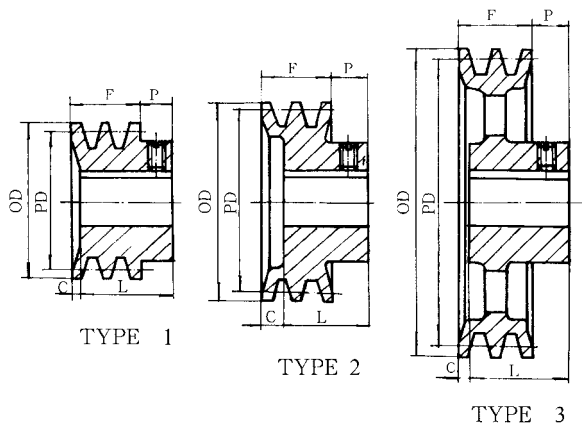
**P=13/32 and C=1/8 for 1" bore and smaller

BK sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged. Sheaves are furnished with standard keyways & set screws.

IDC SELECT® SHEAVES & BUSHINGS

BORED-TO-SIZE SHEAVES

TWO GROOVE SHEAVES FOR "4L" "5L" "A" & "B" BELTS



Standard Keyseats	
Bore-Range	Keyseat
1/2	None
5/8 - 7/8	3/16 X 3/32
15/16 - 1 1/4	1/4 X 1/8
1 1/2 - 1 3/8	5/16 X 5/32
1 7/8 - 1 3/4	3/8 X 3/16

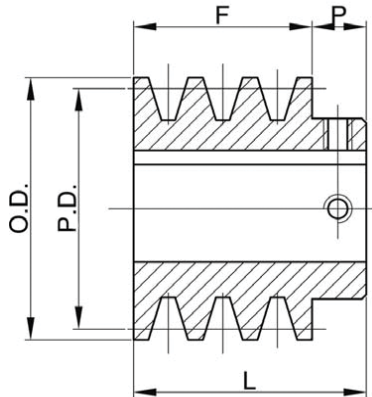
Part No.	Diameters (in)			Type	Dimension (in)				Stock Bores (in)	Weight (lb)
	O.D	Pitch			F	L	P	C		
		“4L”+“A”	“5L”+“B”							
IDC 2BK25	2.50	1.90	2.30	1	1¾	1 ³¹ / ₃₂	15/ ₃₂	¼	½, ⅝, ¾, ⅞	1.30
IDC 2BK27	2.70	2.10	2.50	1	1¾	1 ³¹ / ₃₂	15/ ₃₂	¼	½, ⅝, ¾, ⅞, 1, 1⅛	1.60
IDC 2BK28	2.95	2.20	2.60	1	1¾	1 ³¹ / ₃₂	15/ ₃₂	¼	½, ⅝, ¾, ⅞, 1, 1⅛	1.90
IDC 2BK30	3.15	2.40	2.80	1	1¾	1 ³¹ / ₃₂	15/ ₃₂	¼	½, ⅝, ¾, ⅞, 1, 1⅛, 1⅜	2.30
IDC 2BK32	3.35	2.60	3.00	1	1¾	1 ³¹ / ₃₂	15/ ₃₂	¼	⅝, ¾, ⅞, 1, 1⅛	2.60
IDC 2BK34	3.55	2.80	3.20	1	1¾	1 ³¹ / ₃₂	15/ ₃₂	¼	⅝, ¾, ⅞, 1, 1⅛	2.80
IDC 2BK36	3.75	3.00	3.40	1	1¾	1 ³¹ / ₃₂	15/ ₃₂	¼	¾, ⅞, 1, 1⅛, 1⅜	3.30
IDC 2BK40	3.95	3.20	3.60	2	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	⅝, ¾, ⅞, 1, 1⅛	3.30
IDC 2BK45	4.25	3.50	3.90	2	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	1, 1⅛, 1⅜	3.30
IDC 2BK47	4.45	3.70	4.10	2	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	⅞, 1, 1⅛, 1⅜	3.70
IDC 2BK50	4.75	4.00	4.40	2	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	¾, 1, 1⅛, 1⅜	4.10
IDC 2BK52	4.95	4.20	4.60	2	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	⅝, ⅞, 1, 1⅛, 1⅜	4.50
IDC 2BK55	5.25	4.50	4.90	2	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	1⅛, 1⅜	4.50
IDC 2BK57	5.45	4.70	5.10	2	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	1, 1⅛, 1⅜	5.10
IDC 2BK60	5.75	5.00	5.40	3	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	¾, ⅞, 1, 1⅛, 1⅜	4.90
IDC 2BK62	5.95	5.20	5.60	3	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	1, 1⅛	4.80
IDC 2BK65	6.25	5.50	5.90	3	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	1, 1⅛, 1⅜	5.00
IDC 2BK67	6.45	5.70	6.10	3	1¾	1 ¹⁵ / ₃₂	15/ ₃₂	¾	1, 1⅛, 1⅜	5.00
IDC 2BK70	6.75	6.00	6.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	¾, 1, 1⅛, 1⅜ ₁₆ , 1⅜ ₈ , 1 ⁷ / ₁₆	6.60
IDC 2BK80	7.75	7.00	7.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	¾, 1, 1⅛, 1⅜ ₁₆ , 1⅜ ₈ , 1 ⁷ / ₁₆	7.20
IDC 2BK90	8.75	8.00	8.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	¾, 1, 1⅛, 1⅜ ₁₆ , 1⅜ ₈ , 1 ⁷ / ₁₆	8.40
IDC 2BK100	9.75	9.00	9.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	¾, 1, 1⅜ ₁₆ , 1⅜ ₈ , 1 ⁷ / ₁₆	9.40
IDC 2BK110	10.75	10.00	10.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	1, 1⅜ ₁₆ , 1 ⁷ / ₁₆	10.40
IDC 2BK120	11.75	11.00	11.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	1, 1⅜ ₁₆ , 1 ⁷ / ₁₆	11.80
IDC 2BK130	12.75	12.00	12.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	1, 1⅜ ₁₆ , 1 ⁷ / ₁₆	14.90
IDC 2BK140	13.75	13.00	13.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	1, 1⅜ ₁₆ , 1 ⁷ / ₁₆	16.30
IDC 2BK160	15.75	15.00	15.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	1, 1⅜ ₁₆ , 1 ⁷ / ₁₆	18.00
IDC 2BK190	18.75	18.00	18.40	3	1¾	1 ¹⁹ / ₃₂	11/ ₃₂	½	1⅜ ₁₆ , 1¼, 1 ⁷ / ₁₆	23.30

2BK sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged. Sheaves are furnished with standard keyways & set screws.

IDC SELECT® SHEAVES & BUSHINGS

BORED-TO-SIZE SHEAVES

THREE GROOVE SHEAVES FOR “4L” “5L” “A” & “B” BELTS



Standard Keyseats	
Bore-Range	Keyseat
$\frac{5}{8}$ - $\frac{7}{8}$	$\frac{3}{16}$ X $\frac{3}{32}$
$1\frac{1}{16}$ - $1\frac{1}{8}$	$\frac{1}{4}$ X $\frac{1}{8}$

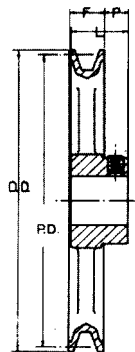
Part No.	Diameters (in)			Type	Dimension (in)			Stock Bores (in)	Weight (lb)
	O.D	Pitch			F	L	P		
		“4L” + “A”	“5L” + “B”						
IDC 3BK25	2.50	1.90	2.30	1	2½	3	½	⅝, ⅞	1.70
IDC 3BK27	2.70	2.10	2.50	1	2½	3	½	⅝, ⅞, 1	2.10
IDC 3BK28	2.95	2.20	2.60	1	2½	3	½	⅝, ⅞, 1, 1⅝	2.50
IDC 3BK30	3.15	2.40	2.80	1	2½	3	½	⅞, 1, 1⅝	3.00
IDC 3BK32	3.35	2.60	3.00	1	2½	3	½	⅞, 1, 1⅝	3.40
IDC 3BK34	3.55	2.80	3.20	1	2½	3	½	⅞, 1, 1⅝	3.80
IDC 3BK36	3.75	3.00	3.40	1	2½	3	½	⅞, 1, 1⅝	4.30
IDC 3BK40	3.95	3.20	3.60	1	2½	3	½	⅞, 1, 1⅝	4.70

BORED-TO-SIZE SHEAVES

IDC SELECT® SHEAVES & BUSHINGS

BORED-TO-SIZE SHEAVES

FRACTIONAL HORSEPOWER SHEAVES AL



Part No	O.D.	Pitch	F	L	P	Stock Bores (in)	Hub O.D.	Average Wt.
IDC AL54	4.93	4.78	19/32	1 1/16	15/32	5/8, 3/4, 1	1.7	1.20
IDC AL64	5.93	5.78	19/32	1 1/16	15/32	5/8, 3/4, 1	1.7	1.40
IDC AL74	6.93	6.78	19/32	1 1/16	15/32	5/8, 3/4, 1	1.7	1.70
IDC AL84	7.93	7.78	19/32	1 1/16	15/32	5/8, 3/4, 1	1.7	1.90
IDC AL94	8.93	8.78	19/32	1 1/16	15/32	3/4, 1	1.9	2.60
IDC AL104	9.93	9.78	19/32	1 1/16	15/32	3/4, 1	2.0	3.00
IDC AL114	10.93	10.78	19/32	1 1/16	15/32	3/4, 1	2.0	3.50
IDC AL124	11.93	11.78	19/32	1 1/16	15/32	3/4, 1	2.0	4.00
IDC AM144	14.16	14.00	1 1/16	1 3/4	13/32	1	2.0	5.20

AL sheaves

Order part number size

Example: no keyway = AL54-5/8, with keyway = AL54-5/8 KW

AL sheaves may be used with 3L, 4L, and A belts

AL sheaves come with or without keyway and are for light applications - fans, air conditioning units, furnace blowers, etc.

BORED-TO-SIZE SHEAVES

H BUSHING SHEAVES

IDC Select® light duty H bushed sheaves are available in A section single and two groove design and B section single, two groove and three groove designs for A-B & 3L-4L-5L belts. Each unit comes designed to be compatible with the H design bushing. They are precision machined from 25 gray cast iron, statically balanced, painted with a baked enamel finish and individually packaged.

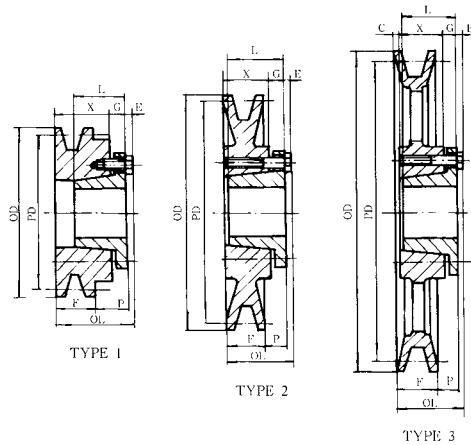


H BUSHING SHEAVES

IDC SELECT® SHEAVES & BUSHINGS

H BUSHING SHEAVES

SINGLE GROOVE SHEAVES FOR “3L” “4L” & “A” BELTS



For All Sheaves:

F = 1 3/8
L = 1 1/4
G = 7/16
E = 3/16

Part No.	Diameters (in)			Type	Dimension (in)			Weight (lb)
	O.D	Pitch			O.L.	P	X	
		“3L”	“4L” + “A”					
IDC AK30H	3.05	2.46	2.80	1	1 ¹³ / ₁₆	⁷ / ₈	1 ³ / ₁₆	1.10
IDC AK32H	3.25	2.66	3.00	1	1 ¹³ / ₁₆	⁷ / ₈	1 ³ / ₁₆	1.20
IDC AK34H	3.45	2.86	3.20	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	1.00
IDC AK39H	3.75	3.16	3.50	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	1.40
IDC AK41H	3.95	3.36	3.70	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	1.60
IDC AK44H	4.25	3.66	4.00	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	1.90
IDC AK46H	4.45	3.86	4.20	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	1.90
IDC AK49H	4.75	4.16	4.50	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.10
IDC AK51H	4.95	4.36	4.70	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.30
IDC AK54H	5.25	4.66	5.00	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.00
IDC AK56H	5.45	4.86	5.20	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.30
IDC AK59H	5.75	5.16	5.50	2	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.40
IDC AK61H	5.95	5.36	5.70	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.50
IDC AK64H	6.25	5.66	6.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.70
IDC AK66H	6.45	5.86	6.20	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	2.80
IDC AK69H	6.75	6.16	6.50	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	3.20
IDC AK71H	6.95	6.36	6.70	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	3.10
IDC AK74H	7.25	6.66	7.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	3.30
IDC AK79H	7.75	7.16	7.50	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	3.50
IDC AK84H	8.25	7.66	8.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	3.60
IDC AK89H	8.75	8.16	8.50	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	4.00
IDC AK94H	9.25	8.66	9.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	4.40
IDC AK99H	9.75	9.16	9.50	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	4.70
IDC AK104H	10.25	9.66	10.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	4.50
IDC AK109H	10.75	10.16	10.50	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	5.10
IDC AK114H	11.25	10.66	11.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	5.50
IDC AK124H	12.25	11.66	12.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	6.10
IDC AK134H	13.25	12.66	13.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	7.40
IDC AK144H	14.25	13.66	14.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	7.80
IDC AK154H	15.25	14.66	15.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	8.80
IDC AK184H	18.25	17.66	18.00	3	1 ¹ / ₂	⁹ / ₁₆	⁷ / ₈	11.30

AKH Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: IDC Select® cast iron sheaves are statically balanced.

STOCK H BUSHINGS

Stock Bores	Keyseat
3/8	None
7/16	None
1/2	1/8 x 1/16
9/16	1/8 x 1/16
5/8	3/16 x 3/32
11/16	3/16 x 3/32
3/4	3/16 x 3/32
13/16	3/16 x 3/32
7/8	3/16 x 3/32
15/16	1/4 x 1/8
1	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/8	1/4 x 1/8
1 3/16	1/4 x 1/8
1 1/4	1/4 x 1/8
1 5/16	5/16 x 1/16*
1 3/8	5/16 x 1/16*
1 7/16	3/8 x 1/16*
1 1/2	3/8 x 1/16*

* Indicates shallow keyseat—keystock is supplied with bushing.

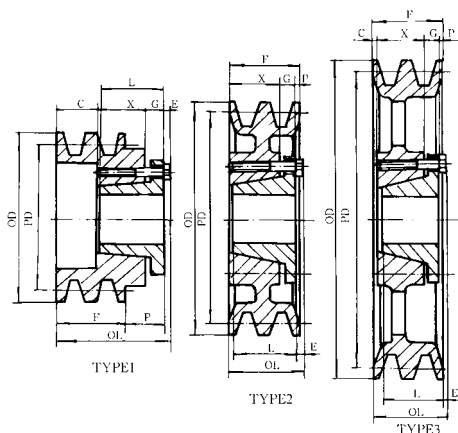
MILLIMETER BORES

Bore Range	Keyseat
10mm	None
11mm	None
14mm	5mm x 5mm
15mm	5mm x 5mm
16mm	5mm x 5mm
18mm	6mm x 6mm
19mm	6mm x 6mm
20mm	6mm x 6mm
22mm	6mm x 6mm
24mm	8mm x 7mm
25mm	8mm x 7mm
28mm	8mm x 7mm
30mm	8mm x 7mm
32mm	10mm x 7mm
35mm	10mm x 7mm
38mm	10mm x 7mm

IDC SELECT® SHEAVES & BUSHINGS

H BUSHING SHEAVES

TWO GROOVE SHEAVES FOR “3L” “4L” & “A” BELTS



For All Sheaves:

F = 1 3/8
L = 1 1/4
X = 7/8
G = 7/16
E = 3/16

Part No.	Diameters (in)			Type	Dimension (in)			Weight (lb)
	O.D	Pitch			O.L.	P	C	
		“3L”	“4L”+“A”					
IDC 2AK30H	3.05	2.46	2.80	1	27⁄16	7⁄8	15⁄16	1.40
IDC 2AK32H	3.25	2.66	3.00	1	27⁄16	7⁄8	15⁄16	1.70
IDC 2AK34H	3.45	2.86	3.20	1	2	7⁄16	½	1.80
IDC 2AK39H	3.75	3.16	3.50	1	2	7⁄16	½	1.80
IDC 2AK41H	3.95	3.36	3.70	2	1½	⅜	—	1.90
IDC 2AK44H	4.25	3.66	4.00	2	1½	⅜	—	2.40
IDC 2AK46H	4.45	3.86	4.20	2	1½	⅜	—	2.50
IDC 2AK49H	4.75	4.16	4.50	2	1½	⅜	—	3.10
IDC 2AK51H	4.95	4.36	4.70	2	1½	⅜	—	3.20
IDC 2AK54H	5.25	4.66	5.00	2	1½	⅜	—	3.40
IDC 2AK56H	5.45	4.86	5.20	2	1½	⅜	—	3.60
IDC 2AK59H	5.75	5.16	5.50	3	1½	⅜	—	3.40
IDC 2AK61H	5.95	5.36	5.70	3	1½	⅜	—	3.30
IDC 2AK64H	6.25	5.66	6.00	3	1½	⅜	—	3.90
IDC 2AK74H	7.25	6.66	7.00	3	1½	⅜	—	4.90
IDC 2AK84H	8.25	7.66	8.00	3	1½	⅜	—	5.80
IDC 2AK94H	9.25	8.66	9.00	3	1½	⅜	—	6.10
IDC 2AK104H	10.25	9.66	10.00	3	1½	⅜	—	7.70
IDC 2AK114H	11.25	10.66	11.00	3	1½	⅜	—	8.50
IDC 2AK124H	12.25	11.66	12.00	3	1½	⅜	—	9.50
IDC 2AK134H	13.25	12.66	13.00	3	1½	⅜	—	11.40
IDC 2AK144H	14.25	13.66	14.00	3	1½	⅜	—	11.90
IDC 2AK154H	15.25	14.66	15.00	3	1½	⅜	—	13.30
IDC 2AK184H	18.25	17.66	18.00	3	1½	⅜	—	16.80

STOCK H BUSHINGS

Stock Bores	Keyseat
3/8	None
7/16	None
1/2	1/8 x 1/16
9/16	1/8 x 1/16
5/8	3/16 x 3/32
11/16	3/16 x 3/32
3/4	3/16 x 3/32
13/16	3/16 x 3/32
7/8	3/16 x 3/32
15/16	1/4 x 1/8
1	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/8	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/4	1/4 x 1/8
1 5/16	5/16 x 1/16*
1 3/8	5/16 x 1/16*
1 7/16	3/8 x 1/16*
1 1/2	3/8 x 1/16*

* Indicates shallow keyseat—keystock is supplied with bushing.

MILLIMETER BORES

Bore Range	Keyseat
10mm	None
11mm	None
14mm	5mm x 5mm
15mm	5mm x 5mm
16mm	5mm x 5mm
18mm	6mm x 6mm
19mm	6mm x 6mm
20mm	6mm x 6mm
22mm	6mm x 6mm
24mm	8mm x 7mm
25mm	8mm x 7mm
28mm	8mm x 7mm
30mm	8mm x 7mm
32mm	10mm x 7mm
35mm	10mm x 7mm
38mm	10mm x 7mm

Stock H bushings and metric bores on pages 5-6.

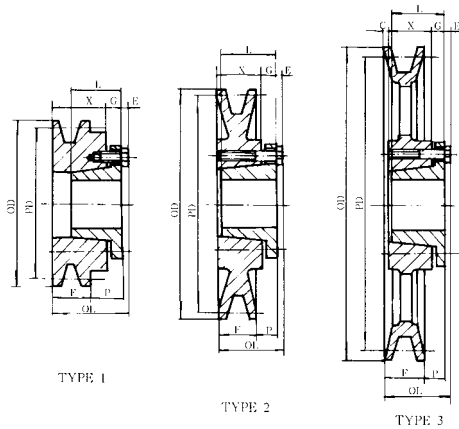
2AKH sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select® at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

H BUSHING SHEAVES

SINGLE GROOVE SHEAVES FOR “4L” “5L” “A” & “B” BELTS



For All Sheaves:

F = 7/8
L = 1 1/4
G = 7/16
E = 3/16

Part No.	Diameters (in)			Type	Dimension (in)				Weight (lb)
	O.D	Pitch			O.L.	P	C	X	
		"4L"+"A"	"5L"+"B"						
IDC BK30H	3.15	2.40	2.80	1	1 ¹⁵ / ₁₆	⁷ / ₈	—	1 ⁵ / ₁₆	1.20
IDC BK32H	3.35	2.60	3.00	1	1 ¹⁵ / ₁₆	⁷ / ₈	—	1 ⁵ / ₁₆	1.40
IDC BK34H	3.55	2.80	3.20	1	1 ¹⁵ / ₁₆	⁷ / ₈	—	1 ⁵ / ₁₆	1.60
IDC BK36H	3.75	3.00	3.40	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	1.20
IDC BK40H	3.95	3.20	3.60	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	1.40
IDC BK45H	4.25	3.50	3.90	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	1.80
IDC BK47H	4.45	3.70	4.10	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.20
IDC BK50H	4.75	4.00	4.40	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.00
IDC BK52H	4.95	4.20	4.60	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.10
IDC BK55H	5.25	4.50	4.90	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.70
IDC BK57H	5.45	4.70	5.10	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.70
IDC BK60H	5.75	5.00	5.40	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.50
IDC BK62H	5.95	5.20	5.60	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.60
IDC BK65H	6.25	5.50	5.90	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.80
IDC BK67H	6.45	5.70	6.10	2	1 ¹ / ₂	⁷ / ₁₆	—	⁷ / ₈	2.90
IDC BK70H	6.75	6.00	6.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	2.80
IDC BK72H	6.95	6.20	6.60	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	3.10
IDC BK75H	7.25	6.50	6.90	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	3.30
IDC BK77H	7.45	6.70	7.10	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	3.80
IDC BK80H	7.75	7.00	7.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	3.40
IDC BK85H	8.25	7.50	7.90	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	3.80
IDC BK90H	8.75	8.00	8.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	4.30
IDC BK95H	9.25	8.50	8.90	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	5.00
IDC BK100H	9.75	9.00	9.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	5.20
IDC BK105H	10.25	9.50	9.90	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	5.50
IDC BK110H	10.75	10.00	10.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	6.00
IDC BK115H	11.25	10.50	10.90	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	6.40
IDC BK120H	11.75	11.00	11.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	6.90
IDC BK130H	12.75	12.00	12.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	6.90
IDC BK140H	13.75	13.00	13.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	8.50
IDC BK150H	14.75	14.00	14.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	9.50
IDC BK160H	15.75	15.00	15.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	9.80
IDC BK190H	18.75	18.00	18.40	3	1 ⁹ / ₁₆	¹ / ₂	¹ / ₁₆	⁷ / ₈	12.80

Stock H bushings and metric bores on pages 5-6.

BKH sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select® at info@IDCselect.com to verify whether dynamic balancing is required.

STOCK H BUSHINGS

Stock Bores	Keyseat
3/8	None
7/16	None
1/2	1/8 x 1/16
9/16	1/8 x 1/16
5/8	3/16 x 3/32
11/16	3/16 x 3/32
3/4	3/16 x 3/32
13/16	3/16 x 3/32
7/8	3/16 x 3/32
15/16	1/4 x 1/8
1	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/8	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/4	1/4 x 1/8
1 5/16	5/16 x 1/16*
1 3/8	5/16 x 1/16*
1 7/16	3/8 x 1/16*
1 1/2	3/8 x 1/16*

* Indicates shallow keyseat—keystock is supplied with bushing.

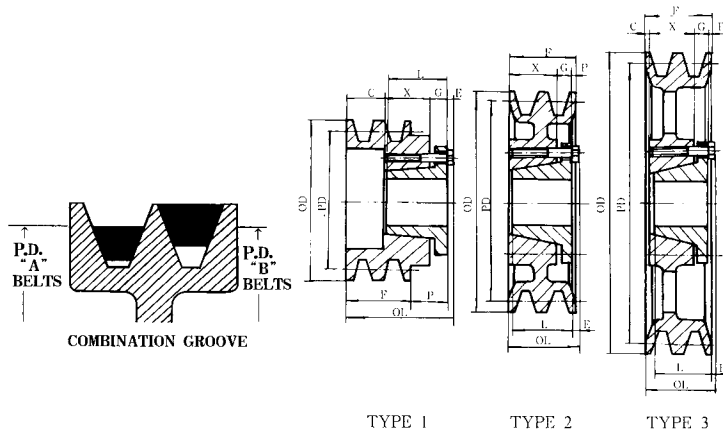
MILLIMETER BORES

Bore Range	Keyseat
10mm	None
11mm	None
14mm	5mm x 5mm
15mm	5mm x 5mm
16mm	5mm x 5mm
18mm	6mm x 6mm
19mm	6mm x 6mm
20mm	6mm x 6mm
22mm	6mm x 6mm
24mm	8mm x 7mm
25mm	8mm x 7mm
28mm	8mm x 7mm
30mm	8mm x 7mm
32mm	10mm x 7mm
35mm	10mm x 7mm
38mm	10mm x 7mm

IDC SELECT® SHEAVES & BUSHINGS

H BUSHING SHEAVES

TWO GROOVE SHEAVES FOR “4L” “5L” “A” & “B” BELTS



For All Sheaves:

F = 1 3/4
L = 1 1/4
X = 7/8
G = 7/16
E = 3/16

Part No.	Diameters (in)			Type	Dimension (in)			Weight (lb)
	O.D	Pitch			O.L.	P	C	
		“4L”+“A”	“5L”+“B”					
IDC 2BK32H	3.35	2.60	3.00	1	2 ¹³ / ₁₆	⁷ / ₈	1 ⁵ / ₁₆	2.10
IDC 2BK34H	3.55	2.80	3.20	1	2 ¹³ / ₁₆	⁷ / ₈	1 ⁵ / ₁₆	2.40
IDC 2BK36H	3.75	3.00	3.40	1	2 ³ / ₈	⁷ / ₁₆	⁷ / ₈	2.00
IDC 2BK40H	3.95	3.20	3.60	1	2 ³ / ₈	⁷ / ₁₆	⁷ / ₈	2.40
IDC 2BK45H	4.25	3.50	3.90	1	2 ³ / ₈	⁷ / ₁₆	⁷ / ₈	3.00
IDC 2BK47H	4.45	3.70	4.10	2	1 ³ / ₄	⁷ / ₁₆	—	2.80
IDC 2BK50H	4.75	4.00	4.40	2	1 ³ / ₄	⁷ / ₁₆	—	3.30
IDC 2BK52H	4.95	4.20	4.60	2	1 ³ / ₄	⁷ / ₁₆	—	3.60
IDC 2BK55H	5.25	4.50	4.90	2	1 ³ / ₄	⁷ / ₁₆	—	3.90
IDC 2BK57H	5.45	4.70	5.10	2	1 ³ / ₄	⁷ / ₁₆	—	4.30
IDC 2BK60H	5.75	5.00	5.40	2	1 ³ / ₄	⁷ / ₁₆	—	4.40
IDC 2BK62H	5.95	5.20	5.60	2	1 ³ / ₄	⁷ / ₁₆	—	4.50
IDC 2BK65H	6.25	5.50	5.90	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	4.50
IDC 2BK67H	6.45	5.70	6.10	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	5.00
IDC 2BK70H	6.75	6.00	6.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	5.10
IDC 2BK80H	7.75	7.00	7.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	6.40
IDC 2BK90H	8.75	8.00	8.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	7.60
IDC 2BK100H	9.75	9.00	9.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	8.40
IDC 2BK110H	10.75	10.00	10.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	9.30
IDC 2BK120H	11.75	11.00	11.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	11.00
IDC 2BK130H	12.75	12.00	12.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	13.10
IDC 2BK140H	13.75	13.00	13.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	14.80
IDC 2BK160H	15.75	15.00	15.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	17.50
IDC 2BK190H	18.75	18.00	18.40	3	1 ³ / ₄	⁷ / ₁₆	¹ / ₄	21.50

STOCK H BUSHINGS

Stock Bores	Keyseat
3/8	None
7/16	None
1/2	1/8 x 1/16
9/16	1/8 x 1/16
5/8	3/16 x 3/32
11/16	3/16 x 3/32
3/4	3/16 x 3/32
13/16	3/16 x 3/32
7/8	3/16 x 3/32
15/16	1/4 x 1/8
1	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/8	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/4	1/4 x 1/8
1 5/16	5/16 x 1/16*
1 3/8	5/16 x 1/16*
1 7/16	3/8 x 1/16*
1 1/2	3/8 x 1/16*

* Indicates shallow keyseat—keystock is supplied with bushing.

MILLIMETER BORES

Bore Range	Keyseat
10mm	None
11mm	None
14mm	5mm x 5mm
15mm	5mm x 5mm
16mm	5mm x 5mm
18mm	6mm x 6mm
19mm	6mm x 6mm
20mm	6mm x 6mm
22mm	6mm x 6mm
24mm	8mm x 7mm
25mm	8mm x 7mm
28mm	8mm x 7mm
30mm	8mm x 7mm
32mm	10mm x 7mm
35mm	10mm x 7mm
38mm	10mm x 7mm

H BUSHING SHEAVES

Stock H bushings and metric bores on pages 5-6.

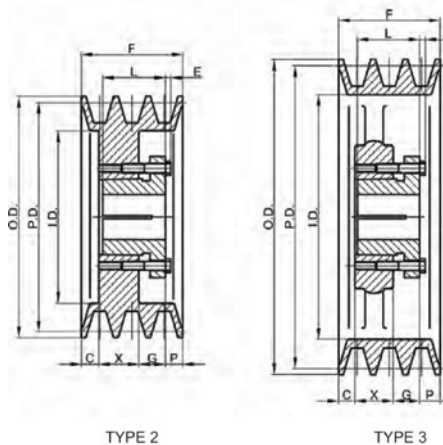
2BKH sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select® at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

H BUSHING SHEAVES

THREE GROOVE SHEAVES FOR “4L” “5L” “A” & “B” BELTS



For All Sheaves:

F = 2½
L = 1¼
G = 7/16
E = 3/16

Part No.	Diameters (in)			Type	Dimension (in)			Weight (lb)
	O.D	Pitch			P	C	X	
		"4L" + "A"	"5L" + "B"					
IDC 3BK45H	4.25	3.50	3.90	2	½	1 ¹ / ₁₆	7 ⁷ / ₈	3.90
IDC 3BK47H	4.45	3.70	4.10	2	½	1 ¹ / ₁₆	7 ⁷ / ₈	4.20
IDC 3BK50H	4.75	4.00	4.40	2	½	1 ¹ / ₁₆	7 ⁷ / ₈	4.40
IDC 3BK52H	4.95	4.20	4.60	2	½	1 ¹ / ₁₆	7 ⁷ / ₈	4.70
IDC 3BK55H	5.25	4.50	4.90	2	½	1 ¹ / ₁₆	7 ⁷ / ₈	5.10
IDC 3BK57H	5.45	4.70	5.10	3	½	1 ¹ / ₁₆	7 ⁷ / ₈	5.30
IDC 3BK60H	5.75	5.00	5.40	3	½	1 ¹ / ₁₆	7 ⁷ / ₈	5.60
IDC 3BK62H	5.95	5.20	5.60	3	½	1 ¹ / ₁₆	7 ⁷ / ₈	5.80
IDC 3BK65H	6.25	5.50	5.90	3	29 ²⁹ / ₃₂	9 ⁹ / ₃₂	7 ⁷ / ₈	5.80
IDC 3BK67H	6.45	5.70	6.10	3	29 ²⁹ / ₃₂	9 ⁹ / ₃₂	7 ⁷ / ₈	6.20
IDC 3BK70H	6.75	6.00	6.40	3	29 ²⁹ / ₃₂	9 ⁹ / ₃₂	7 ⁷ / ₈	6.60
IDC 3BK80H	7.75	7.00	7.40	3	27 ²⁷ / ₃₂	11 ¹¹ / ₃₂	7 ⁷ / ₈	8.30
IDC 3BK90H	8.75	8.00	8.40	3	27 ²⁷ / ₃₂	11 ¹¹ / ₃₂	7 ⁷ / ₈	9.80
IDC 3BK100H	9.75	9.00	9.40	3	27 ²⁷ / ₃₂	11 ¹¹ / ₃₂	7 ⁷ / ₈	10.90
IDC 3BK110H	10.75	10.00	10.40	3	27 ²⁷ / ₃₂	11 ¹¹ / ₃₂	7 ⁷ / ₈	12.10
IDC 3BK120H	11.75	11.00	11.40	3	27 ²⁷ / ₃₂	11 ¹¹ / ₃₂	7 ⁷ / ₈	14.30
IDC 3BK130H	12.75	12.00	12.40	3	25 ²⁵ / ₃₂	13 ¹³ / ₃₂	7 ⁷ / ₈	16.20
IDC 3BK140H	13.75	13.00	13.40	3	25 ²⁵ / ₃₂	13 ¹³ / ₃₂	7 ⁷ / ₈	17.70
IDC 3BK160H	15.75	15.00	15.40	3	25 ²⁵ / ₃₂	13 ¹³ / ₃₂	7 ⁷ / ₈	21.00
IDC 3BK190H	18.75	18.00	18.40	3	25 ²⁵ / ₃₂	13 ¹³ / ₃₂	7 ⁷ / ₈	25.80

STOCK H BUSHINGS

Stock Bores	Keyseat
3/8	None
7/16	None
1/2	1/8 x 1/16
9/16	1/8 x 1/16
5/8	3/16 x 3/32
11/16	3/16 x 3/32
3/4	3/16 x 3/32
13/16	3/16 x 3/32
7/8	3/16 x 3/32
15/16	1/4 x 1/8
1	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/8	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/4	1/4 x 1/8
1 5/16	5/16 x 1/16*
1 3/8	5/16 x 1/16*
1 7/16	3/8 x 1/16*
1 1/2	3/8 x 1/16*

* Indicates shallow keyseat—keystock is supplied with bushing.

MILLIMETER BORES

Bore Range	Keyseat
10mm	None
11mm	None
14mm	5mm x 5mm
15mm	5mm x 5mm
16mm	5mm x 5mm
18mm	6mm x 6mm
19mm	6mm x 6mm
20mm	6mm x 6mm
22mm	6mm x 6mm
24mm	8mm x 7mm
25mm	8mm x 7mm
28mm	8mm x 7mm
30mm	8mm x 7mm
32mm	10mm x 7mm
35mm	10mm x 7mm
38mm	10mm x 7mm

Stock H bushings and metric bores on pages 5-6.

3BKH sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select® at info@IDCselect.com to verify whether dynamic balancing is required.

QD® SHEAVES

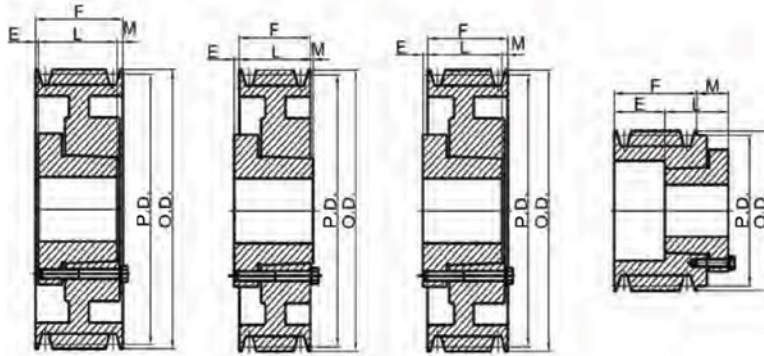
IDC Select® classical A/B combination, C & D sheaves, and narrow 3V, 5V, and 8V sheaves are available in QD® bushing designs. They are precision machined from 30 gray cast iron, statically balanced, painted with a baked enamel finish and individually packaged.



IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY ONE AND TWO GROOVE SHEAVES



TYPE A

TYPE C

TYPE D

TYPE E



O.D.	P.D.		1 Groove F = 7/8, thru 1B 64 SDS/F = 1*							2 Groove F = 1 3/4						
	A	B	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
3.75	3.00	3.40	IDC 1B34SH	SH	E-1	7/32	1 1/16	2 1/32	2.00	IDC 2B34SH**	SH	E-1	1 3/32	1 1/16	2 1/32	3.20
3.95	3.20	3.60	IDC 1B36SH	SH	D-1	1 9/32	1 1/16	5/32	2.20	IDC 2B36SH**	SH	D-1	1 5/32	1 1/16	2 9/32	3.40
4.15	3.40	3.80	IDC 1B38SH	SH	D-1	1 9/32	1 1/16	5/32	2.40	IDC 2B38SH**	SH	D-1	1 5/32	1 1/16	2 9/32	3.90
4.35	3.60	4.00	IDC 1B40SH	SH	C-1	1 1/32	1 1/16	3/32	2.70	IDC 2B40SH†	SH	A-1	1 1/32	1 1/16	1 3/32	4.10
4.55	3.80	4.20	IDC 1B42SH	SH	C-1	1 1/32	1 1/16	3/32	2.90	IDC 2B42SH†	SH	A-1	1 1/32	1 1/16	1 3/32	4.40
4.75	4.00	4.40	IDC 1B44SH	SH	C-1	1 1/32	1 1/16	3/32	3.40	IDC 2B44SH	SH	A-1	1 1/32	1 1/16	1 3/32	4.60
4.95	4.20	4.60	IDC 1B46SDS	SDS	C-1	1 1/32	1 1/16	3/32	4.00	IDC 2B46SDS†	SDS	A-1	1 1/32	1 1/16	1 3/32	5.00
5.15	4.40	4.80	IDC 1B48SDS	SDS	C-1	1 1/32	1 1/16	3/32	4.30	IDC 2B48SDS	SDS	A-1	1 1/32	1 1/16	1 3/32	5.40
5.35	4.60	5.00	IDC 1B50SDS	SDS	C-1	1 1/32	1 1/16	3/32	4.70	IDC 2B50SDS	SDS	A-1	1 1/32	1 1/16	1 3/32	6.00
5.55	4.80	5.20	IDC 1B52SDS	SDS	C-1	1 1/32	1 1/16	3/32	5.00	IDC 2B52SDS	SDS	A-1	1 1/32	1 1/16	1 3/32	6.30
5.75	5.00	5.40	IDC 1B54SDS	SDS	C-1	1 1/32	1 1/16	3/32	5.30	IDC 2B54SDS	SDS	A-1	1 1/32	1 1/16	1 3/32	6.60
5.95	5.20	5.60	IDC 1B56SDS	SDS	C-1	1 1/32	1 1/16	3/32	5.60	IDC 2B56SDS	SDS	A-2	1 1/32	1 1/16	1 3/32	6.90
6.15	5.40	5.80	IDC 1B58SDS	SDS	C-2	1 1/32	1 1/16	3/32	5.90	IDC 2B58SDS	SDS	A-2	1 1/32	1 1/16	1 3/32	7.20
6.35	5.60	6.00	IDC 1B60SDS	SDS	C-2	1 1/32	1 1/16	3/32	6.20	IDC 2B60SDS	SDS	A-2	1 1/32	1 1/16	1 3/32	7.50
6.55	5.80	6.20	IDC 1B62SDS	SDS	C-2	1 1/32	1 1/16	3/32	6.50	IDC 2B62SDS	SDS	A-2	1 1/32	1 1/16	1 3/32	7.80
6.75	6.00	6.40	IDC 1B64SDS	SDS	C-2	1 1/32	1 1/16	3/32	6.80	IDC 2B64SDS	SDS	A-2	1 1/32	1 1/16	1 3/32	8.20
6.95	6.20	6.60	IDC 1B66SDS	SDS	C-2	1 1/32	1 1/16	3/32	7.20	IDC 2B66SDS	SDS	A-2	1 1/32	1 1/16	1 3/32	8.60
7.15	6.40	6.80	IDC 1B68SDS	SDS	C-3	1 1/32	1 1/16	3/32	7.50	IDC 2B68SDS	SDS	A-3	1 1/32	1 1/16	1 3/32	9.00
7.35	6.60	7.00	IDC 1B70SDS	SDS	C-3	1 1/32	1 1/16	3/32	7.80	IDC 2B70SK	SK	D-1	1 1/32	1 1/16	5/32	9.30
7.75	7.00	7.40	IDC 1B74SDS	SDS	D-3	1 7/32	1 1/16	7/32	8.80	IDC 2B74SK	SK	D-3	1 1/32	1 1/16	5/32	10.60
8.35	7.60	8.00	IDC 1B80SDS	SDS	D-3	1 7/32	1 1/16	7/32	9.60	IDC 2B80SK	SK	D-3	1 1/32	1 1/16	5/32	11.00
8.95	8.20	8.60	IDC 1B86SDS	SDS	D-3	1 7/32	1 1/16	7/32	10.00	IDC 2B86SK	SK	D-3	1 1/32	1 1/16	5/32	11.60
9.75	9.00	9.40	IDC 1B94SDS	SDS	D-3	1 7/32	1 1/16	7/32	10.50	IDC 2B94SK	SK	D-3	1 1/32	1 1/16	5/32	13.00
11.35	10.60	11.00	IDC 1B110SDS	SDS	D-3	1 7/32	1 1/16	7/32	11.00	IDC 2B110SK	SK	D-3	1 1/32	1 1/16	5/32	14.00
12.75	12.00	12.40	IDC 1B124SDS	SDS	D-3	1 7/32	1 1/16	7/32	12.00	IDC 2B124SK	SK	D-3	1 1/32	1 1/16	5/32	18.00
13.95	13.20	13.60	IDC 1B136SDS	SDS	D-3	1 7/32	1 1/16	7/32	14.00	IDC 2B136SK	SK	D-3	1 1/32	1 1/16	5/32	20.00
15.75	15.00	15.40	IDC 1B154SK	SK	C-3	2 1/32	1 15/16	9/32	16.00	IDC 2B154SK	SK	D-3	1 1/32	1 1/16	5/32	23.00
16.35	15.60	16.00	IDC 1B160SK	SK	C-3	2 1/32	1 15/16	9/32	16.60	IDC 2B160SK	SK	D-3	1 1/32	1 1/16	5/32	24.00
18.75	18.00	18.40	IDC 1B184SK	SK	C-3	2 1/32	1 15/16	9/32	18.00	IDC 2B184SK	SK	D-3	1 1/32	1 1/16	5/32	29.00
20.35	19.60	20.00	IDC 1B200SK	SK	C-3	2 1/32	1 15/16	9/32	20.00	IDC 2B200SF	SF	D-3	1 5/32	2 1/16	5/32	33.00
25.35	24.60	25.00								IDC 2B250SF	SF	D-3	1 5/32	2 1/16	5/32	41.00
30.35	29.60	30.00								IDC 2B300SF	SF	D-3	1 5/32	2 1/16	5/32	51.00
38.35	37.60	38.00								IDC 2B380SF	SF	D-3	1 5/32	2 1/16	5/32	64.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

**Reverse mount sheave

†Includes cap screws to be used to install bushing.

Order bushings separately from pages 5-6.

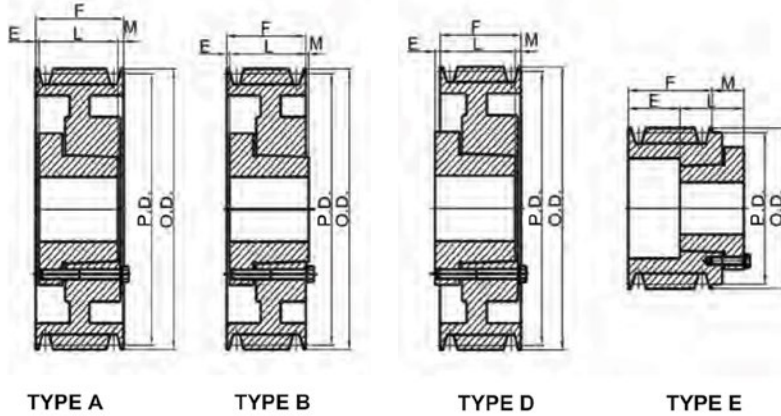
Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY THREE AND FOUR GROOVE SHEAVES



O.D.	P.D.		3 Groove F = 2 1/2							4 Groove F = 3 1/4						
	A	B	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
3.75	3.00	3.40	IDC 3B34SH**	SH	E-1	1 27/32	1 5/16	2 1/32	4.40	IDC 4B34SD**†	SD	E-1	2 15/32	1 13/16	1 1/32	5.50
3.95	3.20	3.60	IDC 3B36SH**	SH	D-1	1 5/32	1 5/16	1 21/32	4.70	IDC 4B36SD**	SD	E-1	2 15/32	1 13/16	1 1/32	5.80
4.15	3.40	3.80	IDC 3B38SH**	SH	D-1	1 5/32	1 5/16	1 21/32	5.30	IDC 4B38SD**†	SD	E-1	2 15/32	1 13/16	1 1/32	6.20
4.35	3.60	4.00	IDC 3B40SH†	SH	D-1	1 5/32	1 5/16	1 21/32	5.60	IDC 4B40SD**	SD	E-1	2 3/32	1 13/16	2 1/32	6.60
4.55	3.80	4.20	IDC 3B42SH†	SH	D-1	1 5/32	1 5/16	1 21/32	5.90	IDC 4B42SD**	SD	E-1	2 3/32	1 13/16	2 1/32	6.90
4.75	4.00	4.40	IDC 3B44SH	SH	D-1	1 5/32	1 5/16	1 21/32	6.30	IDC 4B44SD**	SD	E-1	2 3/32	1 13/16	2 1/32	7.20
4.95	4.20	4.60	IDC 3B46SD†	SD	A-1	1 3/32	1 13/16	9/32	6.70	IDC 4B46SD†	SD	A-1	2 1/32	1 13/16	2 5/32	7.60
5.15	4.40	4.80	IDC 3B48SD	SD	A-1	1 3/32	1 13/16	9/32	7.10	IDC 4B48SD	SD	A-1	2 1/32	1 13/16	2 5/32	8.00
5.35	4.60	5.00	IDC 3B50SD	SD	A-1	1 3/32	1 13/16	9/32	7.40	IDC 4B50SD	SD	A-1	2 1/32	1 13/16	2 5/32	8.40
5.55	4.80	5.20	IDC 3B52SD	SD	A-1	1 3/32	1 13/16	9/32	7.80	IDC 4B52SD	SD	A-1	2 1/32	1 13/16	2 5/32	8.80
5.75	5.00	5.40	IDC 3B54SD	SD	A-1	1 3/32	1 13/16	9/32	8.20	IDC 4B54SD	SD	A-1	2 1/32	1 13/16	2 5/32	9.20
5.95	5.20	5.60	IDC 3B56SD	SD	A-1	1 3/32	1 13/16	9/32	8.50	IDC 4B56SD	SD	A-1	2 1/32	1 13/16	2 5/32	9.60
6.15	5.40	5.80	IDC 3B58SD	SD	A-1	1 3/32	1 13/16	9/32	8.80	IDC 4B58SD	SD	A-1	2 1/32	1 13/16	2 5/32	10.00
6.35	5.60	6.00	IDC 3B60SD	SD	A-1	1 3/32	1 13/16	9/32	9.10	IDC 4B60SD	SD	A-1	2 1/32	1 13/16	2 5/32	10.40
6.55	5.80	6.20	IDC 3B62SD	SD	A-1	1 3/32	1 13/16	9/32	9.40	IDC 4B62SD	SD	A-1	2 1/32	1 13/16	2 5/32	10.80
6.75	6.00	6.40	IDC 3B64SD	SD	A-1	1 3/32	1 13/16	9/32	9.70	IDC 4B64SD	SD	A-1	2 1/32	1 13/16	2 5/32	12.00
6.95	6.20	6.60	IDC 3B66SD	SD	A-1	1 3/32	1 13/16	9/32	10.00	IDC 4B66SD	SD	A-1	2 1/32	1 13/16	2 5/32	12.40
7.15	6.40	6.80	IDC 3B68SD	SD	B-3	1 3/32	1 15/16	9/32	10.50	IDC 4B68SD	SD	A-3	2 1/32	1 13/16	2 5/32	13.00
7.35	6.60	7.00	IDC 3B70SK	SK	D-1	9/32	1 15/16	2 1/32	11.00	IDC 4B70SK	SK	A-1	7/32	1 15/16	1 3/32	13.50
7.75	7.00	7.40	IDC 3B74SK	SK	D-3	9/32	1 15/16	2 1/32	12.00	IDC 4B74SK	SK	A-3	7/32	1 15/16	1 3/32	14.00
8.35	7.60	8.00	IDC 3B80SK	SK	D-3	9/32	1 15/16	2 1/32	12.50	IDC 4B80SK	SK	A-3	7/32	1 15/16	1 3/32	15.50
8.95	8.20	8.60	IDC 3B86SK	SK	D-3	9/32	1 15/16	2 1/32	13.00	IDC 4B86SK	SK	A-3	7/32	1 15/16	1 3/32	17.00
9.75	9.00	9.40	IDC 3B94SK	SK	D-3	9/32	1 15/16	2 1/32	16.00	IDC 4B94SK	SK	A-3	7/32	1 15/16	1 3/32	19.00
11.35	10.60	11.00	IDC 3B110SK	SK	D-3	9/32	1 15/16	2 1/32	19.00	IDC 4B110SK	SK	A-3	7/32	1 15/16	1 3/32	22.00
12.75	12.00	12.40	IDC 3B124SK	SK	D-3	9/32	1 15/16	2 1/32	24.00	IDC 4B124SK	SK	A-3	7/32	1 15/16	1 3/32	29.00
13.95	13.20	13.60	IDC 3B136SK	SK	D-3	9/32	1 15/16	2 1/32	27.00	IDC 4B136SK	SK	A-3	7/32	1 15/16	1 3/32	34.00
15.75	15.00	15.40	IDC 3B154SK	SK	D-3	9/32	1 15/16	2 1/32	30.00	IDC 4B154SF	SF	A-3	9/32	2 1/16	1 1/32	39.00
16.35	15.60	16.00	IDC 3B160SK	SK	D-3	9/32	1 15/16	2 1/32	33.00	IDC 4B160SF	SF	A-3	9/32	2 1/16	1 1/32	42.00
18.75	18.00	18.40	IDC 3B184SK	SK	D-3	9/32	1 15/16	2 1/32	38.00	IDC 4B184SF	SF	A-3	9/32	2 1/16	1 1/32	47.00
20.35	19.60	20.00	IDC 3B200SF	SF	D-3	7/32	2 1/16	2 1/32	43.00	IDC 4B200SF	SF	A-3	9/32	2 1/16	1 1/32	51.00
25.35	24.60	25.00	IDC 3B250SF	SF	D-3	7/32	2 1/16	2 1/32	54.00	IDC 4B250E	E	D-3	9/32	2 3/4	2 1/32	73.00
30.35	29.60	30.00	IDC 3B300SF	SF	D-3	7/32	2 1/16	2 1/32	67.00	IDC 4B300E	E	D-3	9/32	2 3/4	2 1/32	86.00
38.35	37.60	38.00	IDC 3B380E	E	D-3	1 7/32	2 3/4	9/32	90.00	IDC 4B380E	E	D-3	9/32	2 3/4	2 1/32	109.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

**Reverse mount sheave

†Includes cap screws to be used to install bushing.

Order bushings separately from pages 5-6.

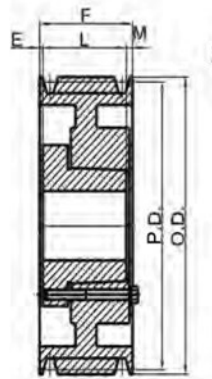
Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select® at info@IDCselect.com to verify whether dynamic balancing is required.

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

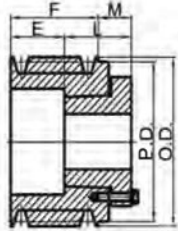
IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY FIVE AND SIX GROOVE SHEAVES



TYPE A



TYPE E



O.D.	P.D.		5 Groove F = 4							6 Groove F = 4 3/4						
	A	B	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
3.75	3.00	3.40	IDC 5B34SD**†	SD	E-1	37/32	1 13/16	1 1/32	6.10	IDC 6B34SD**†	SD	E-1	3 31/32	1 13/16	1 1/32	6.70
3.95	3.20	3.60	IDC 5B36SD**†	SD	E-1	37/32	1 13/16	1 1/32	6.60	IDC 6B36SD**†	SD	E-1	3 31/32	1 13/16	1 1/32	7.40
4.15	3.40	3.80	IDC 5B38SD**	SD	E-1	37/32	1 13/16	1 1/32	7.10	IDC 6B38SD**	SD	E-1	3 31/32	1 13/16	1 1/32	8.00
4.35	3.60	4.00	IDC 5B40SD**	SD	E-1	2 27/32	1 13/16	2 1/32	7.40	IDC 6B40SD**	SD	E-1	3 19/32	1 13/16	2 1/32	8.40
4.55	3.80	4.20	IDC 5B42SD**	SD	E-1	2 27/32	1 13/16	2 1/32	8.00	IDC 6B42SD**	SD	E-1	3 19/32	1 13/16	2 1/32	9.00
4.75	4.00	4.40	IDC 5B44SD**	SD	E-1	2 27/32	1 13/16	2 1/32	8.50	IDC 6B44SD**	SD	E-1	3 19/32	1 13/16	2 1/32	9.70
4.95	4.20	4.60	IDC 5B46SD†	SD	A-1	2 1/32	1 13/16	1 17/32	9.00	IDC 6B46SD†	SD	A-1	2 1/32	1 13/16	2 9/32	10.10
5.15	4.40	4.80	IDC 5B48SD	SD	A-1	2 1/32	1 13/16	1 17/32	9.40	IDC 6B48SD	SD	A-1	2 1/32	1 13/16	2 9/32	10.60
5.35	4.60	5.00	IDC 5B50SD	SD	A-1	2 1/32	1 13/16	1 17/32	10.00	IDC 6B50SD	SD	A-1	2 1/32	1 13/16	2 9/32	11.00
5.55	4.80	5.20	IDC 5B52SD	SD	A-1	2 1/32	1 13/16	1 17/32	10.40	IDC 6B52SD	SD	A-1	2 1/32	1 13/16	2 9/32	12.00
5.75	5.00	5.40	IDC 5B54SK	SK	A-1	1 7/32	1 15/16	1 17/32	10.80	IDC 6B54SK	SK	A-1	1 7/32	1 15/16	2 9/32	13.00
5.95	5.20	5.60	IDC 5B56SK	SK	A-1	1 7/32	1 15/16	1 17/32	11.30	IDC 6B56SK	SK	A-1	1 7/32	1 15/16	2 9/32	14.00
6.15	5.40	5.80	IDC 5B58SK	SK	A-1	1 7/32	1 15/16	1 17/32	12.00	IDC 6B58SK	SK	A-1	1 7/32	1 15/16	2 9/32	14.60
6.35	5.60	6.00	IDC 5B60SK	SK	A-1	1 7/32	1 15/16	1 17/32	14.00	IDC 6B60SK	SK	A-1	1 7/32	1 15/16	2 9/32	15.00
6.55	5.80	6.20	IDC 5B62SK	SK	A-1	1 7/32	1 15/16	1 17/32	15.00	IDC 6B62SK	SK	A-1	1 7/32	1 15/16	2 9/32	16.00
6.75	6.00	6.40	IDC 5B64SK	SK	A-1	1 7/32	1 15/16	1 17/32	16.00	IDC 6B64SK	SK	A-1	1 7/32	1 15/16	2 9/32	17.00
6.95	6.20	6.60	IDC 5B66SK	SK	A-1	1 7/32	1 15/16	1 17/32	17.00	IDC 6B66SK	SK	A-1	1 7/32	1 15/16	2 9/32	18.00
7.15	6.40	6.80	IDC 5B68SK	SK	A-1	1 7/32	1 15/16	1 17/32	18.00	IDC 6B68SK	SK	A-1	1 7/32	1 15/16	2 9/32	19.00
7.35	6.60	7.00	IDC 5B70SF	SF	A-1	1 5/32	2 1/16	1 15/32	19.00	IDC 6B70SF	SF	A-1	2 7/32	2 1/16	1 27/32	20.00
7.75	7.00	7.40	IDC 5B74SF	SF	A-2	1 5/32	2 1/16	1 15/32	20.00	IDC 6B74SF	SF	A-1	2 7/32	2 1/16	1 27/32	22.00
8.35	7.60	8.00	IDC 5B80SF	SF	A-2	1 5/32	2 1/16	1 15/32	21.00	IDC 6B80SF	SF	A-2	2 7/32	2 1/16	1 27/32	24.00
8.95	8.20	8.60	IDC 5B86SF	SF	A-2	1 5/32	2 1/16	1 15/32	22.00	IDC 6B86SF	SF	A-2	2 7/32	2 1/16	1 27/32	26.00
9.75	9.00	9.40	IDC 5B94SF	SF	A-3	1 5/32	2 1/16	1 15/32	24.00	IDC 6B94SF	SF	A-3	2 7/32	2 1/16	1 27/32	27.00
11.35	10.60	11.00	IDC 5B110SF	SF	A-3	1 5/32	2 1/16	1 15/32	29.00	IDC 6B110SF	SF	A-3	2 7/32	2 1/16	1 27/32	32.00
12.75	12.00	12.40	IDC 5B124SF	SF	A-3	1 5/32	2 1/16	1 15/32	34.00	IDC 6B124SF	SF	A-3	2 7/32	2 1/16	1 27/32	39.00
13.95	13.20	13.60	IDC 5B136SF	SF	A-3	1 5/32	2 1/16	1 15/32	38.00	IDC 6B136SF	SF	A-3	2 7/32	2 1/16	1 27/32	44.00
15.75	15.00	15.40	IDC 5B154SF	SF	A-3	1 5/32	2 1/16	1 15/32	46.00	IDC 6B154SF	SF	A-3	2 7/32	2 1/16	1 27/32	50.00
16.35	15.60	16.00	IDC 5B160SF	SF	A-3	1 5/32	2 1/16	1 15/32	49.00	IDC 6B160SF	SF	A-3	2 7/32	2 1/16	1 27/32	54.00
18.75	18.00	18.40	IDC 5B184SF	SF	A-3	1 5/32	2 1/16	1 15/32	55.00	IDC 6B184SF	SF	A-3	2 7/32	2 1/16	1 27/32	62.00
20.35	19.60	20.00	IDC 5B200E	E	A-3	3/32	2 3/4	1 5/32	65.00	IDC 6B200E	E	A-3	2 7/32	2 3/4	1 25/32	74.00
25.35	24.60	25.00	IDC 5B250E	E	A-3	3/32	2 3/4	1 5/32	86.00	IDC 6B250E	E	A-3	7/32	2 3/4	1 25/32	96.00
30.35	29.60	30.00	IDC 5B300E	E	A-3	3/32	2 3/4	1 5/32	102.00	IDC 6B300E	E	A-3	7/32	2 3/4	1 25/32	119.00
38.35	37.60	38.00	IDC 5B380E	E	A-3	3/32	2 3/4	1 5/32	132.00	IDC 6B380E	E	A-3	7/32	2 3/4	1 25/32	134.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

**Reverse mount sheave

† Includes cap screws to be used to install bushing.

Order bushings separately from pages 5-6.

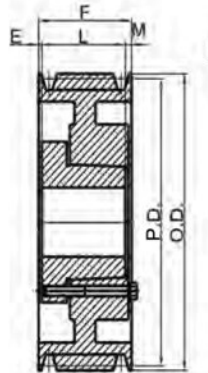
Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select® at info@IDCselect.com to verify whether dynamic balancing is required.

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

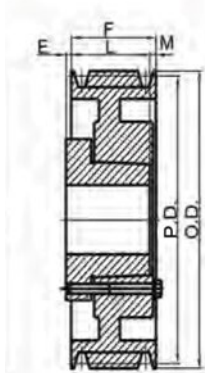
IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

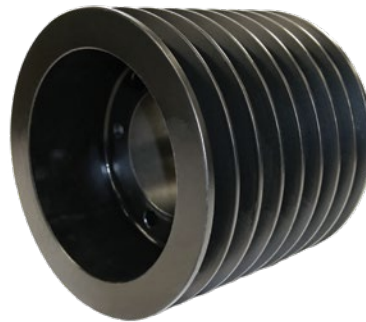
HEAVY DUTY EIGHT AND TEN GROOVE SHEAVES



TYPE A



TYPE D



O.D.	P.D.		8 Groove F = 6¼							10 Groove F = 7¾						
	A	B	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
5.75	5.00	5.40	IDC 8B54SK	SK	A-1	1½/32	1½/16	39/32	15.00	IDC 10B54SK	SK	A-1	1²⁵/³²	1¹⁵/16	4½/32	18.00
5.95	5.20	5.60	IDC 8B56SK	SK	A-1	1½/32	1¹⁵/16	39/32	16.00	IDC 10B56SK	SK	A-1	1²⁵/³²	1¹⁵/16	4½/32	20.00
6.35	5.60	6.00	IDC 8B60SF	SF	A-1	3¹/³²	2¹/16	37/32	20.00	IDC 10B60SF	SF	A-1	1²³/³²	2¹/16	3³¹/³²	24.00
6.75	6.00	6.40	IDC 8B64SF	SF	A-1	3¹/³²	2¹/16	37/32	23.00	IDC 10B64SF	SF	A-1	1²³/³²	2¹/16	3³¹/³²	26.00
7.15	6.40	6.80	IDC 8B68SF	SF	A-1	3¹/³²	2¹/16	37/32	25.00	IDC 10B68SF	SF	A-1	1²³/³²	2¹/16	3³¹/³²	28.00
7.75	7.00	7.40	IDC 8B74SF	SF	A-1	3¹/³²	2¹/16	37/32	28.00	IDC 10B74SF	SF	A-1	1²³/³²	2¹/16	3³¹/³²	32.00
8.95	8.20	8.60	IDC 8B86E	E	A-1	17/32	2¾	29/32	40.00	IDC 10B86E	E	A-1	1³¹/³²	2¾	3½/32	42.00
9.75	9.00	9.40	IDC 8B94E	E	A-2	17/32	2¾	29/32	43.00	IDC 10B94E	E	A-2	1³¹/³²	2¾	3½/32	48.00
11.35	10.60	11.00	IDC 8B110E	E	A-3	17/32	2¾	29/32	49.00	IDC 10B110E	E	A-3	1³¹/³²	2¾	3½/32	56.00
12.75	12.00	12.40	IDC 8B124E	E	A-3	17/32	2¾	29/32	56.00	IDC 10B124E	E	A-3	1³¹/³²	2¾	3½/32	64.00
15.75	15.00	15.40	IDC 8B154E	E	A-3	17/32	2¾	29/32	69.00	IDC 10B154F	F	A-3	5/8	3¾	39/32	88.00
18.75	18.00	18.40	IDC 8B184F	F	A-3	1/32	3¾	2¹⁷/³²	91.00	IDC 10B184F	F	A-3	5/8	3¾	39/32	103.00
20.35	19.60	20.00	IDC 8B200F	F	D-3	1/32	3¾	2¹⁷/³²	98.00	IDC 10B200F	F	A-3	5/8	3¾	39/32	112.00
25.35	24.60	25.00	IDC 8B250F	F	D-3	1/32	3¾	2¹⁷/³²	121.00	IDC 10B250F	F	A-3	5/8	3¾	39/32	142.00
30.35	29.60	30.00	IDC 8B300F	F	D-3	1/32	3¾	2¹⁷/³²	148.00	IDC 10B300F	F	A-3	5/8	3¾	39/32	174.00
38.35	37.60	38.00	IDC 8B380F	F	D-3	1/32	3¾	2¹⁷/³²	194.00	IDC 10B380J	J	A-3	1/8	49/8	3	230.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Order bushings separately from pages 5-6.

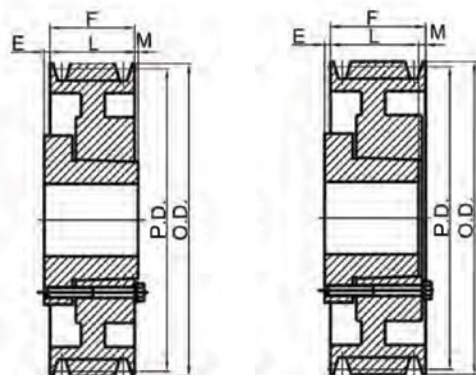
Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY ONE AND TWO GROOVE C-QD® SHEAVES



TYPE C

TYPE D



Diameters		1 Groove F = 1 1/4							2 Groove F = 2 1/4						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
7.40	7.00	IDC 1C70SF	SF	D-1	27/32	2 1/16	1/32	10.00	IDC 2C70SF	SF	D-1	3/32	2 1/16	9/32	15.00
7.90	7.50	IDC 1C75SF	SF	D-2	27/32	2 1/16	1/32	12.00	IDC 2C75SF	SF	D-1	3/32	2 1/16	9/32	17.00
8.40	8.00	IDC 1C80SF	SF	D-2	27/32	2 1/16	1/32	13.00	IDC 2C80SF	SF	D-1	3/32	2 1/16	9/32	18.00
8.90	8.50	IDC 1C85SF	SF	D-2	27/32	2 1/16	1/32	14.00	IDC 2C85SF	SF	D-2	3/32	2 1/16	9/32	19.00
9.40	9.00	IDC 1C90SF	SF	D-3	27/32	2 1/16	1/32	15.00	IDC 2C90SF	SF	D-2	3/32	2 1/16	9/32	20.00
9.90	9.50	IDC 1C95SF	SF	D-3	27/32	2 1/16	1/32	16.00	IDC 2C95SF	SF	D-2	3/32	2 1/16	9/32	21.00
10.40	10.00	IDC 1C100SF	SF	D-3	27/32	2 1/16	1/32	17.00	IDC 2C100SF	SF	D-3	3/32	2 1/16	9/32	22.00
10.90	10.50	IDC 1C105SF	SF	D-3	27/32	2 1/16	1/32	18.00	IDC 2C105SF	SF	D-3	3/32	2 1/16	9/32	23.00
11.40	11.00	IDC 1C110SF	SF	D-3	27/32	2 1/16	1/32	19.00	IDC 2C110SF	SF	D-3	3/32	2 1/16	9/32	24.00
12.40	12.00	IDC 1C120SF	SF	D-3	27/32	2 1/16	1/32	20.00	IDC 2C120SF	SF	D-3	1 1/32	2 1/16	17/32	25.00
13.40	13.00	IDC 1C130SF	SF	D-3	27/32	2 1/16	1/32	22.00	IDC 2C130SF	SF	D-3	1 1/32	2 1/16	17/32	28.00
14.40	14.00	IDC 1C140SF	SF	D-3	27/32	2 1/16	1/32	24.00	IDC 2C140SF	SF	D-3	1 1/32	2 1/16	17/32	31.00
16.40	16.00	IDC 1C160SF	SF	D-3	27/32	2 1/16	1/32	26.00	IDC 2C160SF	SF	D-3	1 1/32	2 1/16	17/32	36.00
18.40	18.00	IDC 1C180SF	SF	D-3	27/32	2 1/16	1/32	30.00	IDC 2C180SF	SF	D-3	1 1/32	2 1/16	17/32	39.00
20.40	20.00	IDC 1C200SF	SF	D-3	27/32	2 1/16	1/32	35.00	IDC 2C200SF	SF	D-3	1 1/32	2 1/16	17/32	48.00
24.40	24.00	IDC 1C240SF	SF	D-3	27/32	2 1/16	1/32	41.00	IDC 2C240SF	SF	D-3	1 1/32	2 1/16	17/32	60.00
30.40	30.00								IDC 2C300F	F	C-3	1 7/32	3 3/4	9/32	85.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Order bushings separately from pages 5-6.

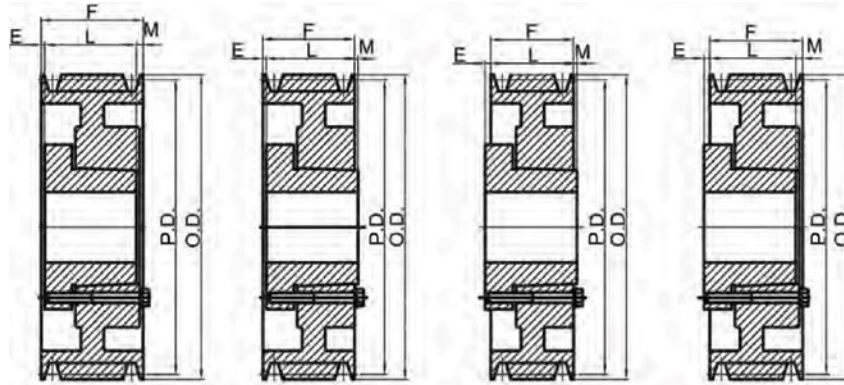
Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY THREE AND FOUR GROOVE C-QD® SHEAVES



TYPE A

TYPE B

TYPE C

TYPE D



Diameters		3 Groove F = 3¼							4 Groove F = 4¼						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
5.40	5.00	IDC 3C50SD	SD	A-1	19/32	1 13/16	27/32	10.00	IDC 4C50SD	SD	A-1	27/32	1 13/16	1 19/32	12.00
5.90	5.50	IDC 3C55SD	SD	A-1	19/32	1 13/16	27/32	12.00	IDC 4C55SD	SD	A-1	27/32	1 13/16	1 19/32	14.00
6.40	6.00	IDC 3C60SF	SF	D-1	23/32	2 1/16	1 29/32	15.00	IDC 4C60SF	SF	A-1	2 1/32	2 1/16	1 17/32	17.00
7.40	7.00	IDC 3C70SF	SF	A-1	13/32	2 1/16	25/32	18.00	IDC 4C70SF	SF	A-1	2 1/32	2 1/16	1 17/32	21.00
7.90	7.50	IDC 3C75SF	SF	A-1	13/32	2 1/16	25/32	20.00	IDC 4C75SF	SF	A-1	2 1/32	2 1/16	1 17/32	25.00
8.40	8.00	IDC 3C80E	E	B-1	17/32	2 3/4	1 1/32	26.00	IDC 4C80E	E	A-1	25/32	2 3/4	2 3/32	30.00
8.90	8.50	IDC 3C85E	E	B-1	17/32	2 3/4	1 1/32	29.00	IDC 4C85E	E	A-1	25/32	2 3/4	2 3/32	33.00
9.40	9.00	IDC 3C90E	E	A-1	15/32	2 3/4	1 1/32	32.00	IDC 4C90E	E	A-1	25/32	2 3/4	2 3/32	35.00
9.90	9.50	IDC 3C95E	E	A-2	15/32	2 3/4	1 1/32	34.00	IDC 4C95E	E	A-2	25/32	2 3/4	2 3/32	38.00
10.40	10.00	IDC 3C100E	E	A-2	15/32	2 3/4	1 1/32	36.00	IDC 4C100E	E	A-2	25/32	2 3/4	2 3/32	40.00
10.90	10.50	IDC 3C105E	E	A-3	15/32	2 3/4	1 1/32	38.00	IDC 4C105E	E	A-2	25/32	2 3/4	2 3/32	43.00
11.40	11.00	IDC 3C110E	E	A-3	15/32	2 3/4	1 1/32	40.00	IDC 4C110E	E	A-2	25/32	2 3/4	2 3/32	46.00
12.40	12.00	IDC 3C120E	E	A-3	15/32	2 3/4	1 1/32	43.00	IDC 4C120E	E	A-3	25/32	2 3/4	2 3/32	50.00
13.40	13.00	IDC 3C130E	E	A-3	15/32	2 3/4	1 1/32	45.00	IDC 4C130E	E	A-3	25/32	2 3/4	2 3/32	54.00
14.40	14.00	IDC 3C140E	E	A-3	15/32	2 3/4	1 1/32	51.00	IDC 4C140E	E	A-3	25/32	2 3/4	2 3/32	59.00
16.40	16.00	IDC 3C160E	E	A-3	15/32	2 3/4	1 1/32	59.00	IDC 4C160E	E	A-3	25/32	2 3/4	2 3/32	65.00
18.40	18.00	IDC 3C180E	E	A-3	15/32	2 3/4	1 1/32	65.00	IDC 4C180E	E	A-3	25/32	2 3/4	2 3/32	73.00
20.40	20.00	IDC 3C200E	E	D-3	7/32	2 3/4	23/32	70.00	IDC 4C200E	E	A-3	9/32	2 3/4	1 7/32	82.00
24.40	24.00	IDC 3C240E	E	D-3	7/32	2 3/4	23/32	80.00	IDC 4C240F	F	D-3	3/32	3 3/4	1 9/32	105.00
27.40	27.00	IDC 3C270F	F	D-3	2 1/32	3 3/4	5/32	105.00	IDC 4C270F	F	D-3	3/32	3 3/4	1 9/32	125.00
30.40	30.00	IDC 3C300F	F	D-3	2 1/32	3 3/4	5/32	120.00	IDC 4C300F	F	D-3	3/32	3 3/4	1 9/32	142.00
36.40	36.00	IDC 3C360F	F	D-3	2 1/32	3 3/4	5/32	140.00	IDC 4C360F	F	D-3	3/32	3 3/4	1 9/32	172.00
44.40	44.00	IDC 3C440F	F	D-3	2 1/32	3 3/4	5/32	170.00	IDC 4C440J	J	C-3	0	4 5/8	3/8	225.00
50.40	50.00	IDC 3C500F	F	D-3	2 1/32	3 3/4	5/32	190.00	IDC 4C500J	J	C-3	0	4 5/8	3/8	250.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Order bushings separately from pages 5-6.

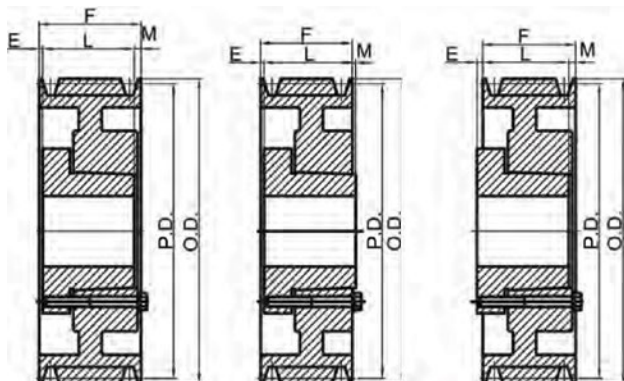
Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY FIVE AND SIX GROOVE C-QD® SHEAVES



TYPE A

TYPE B

TYPE D



Diameters		5 Groove F = 5 1/4							6 Groove F = 6 1/4							Weight (lb)
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M		
6.40	6.00	IDC 5C60SF	SF	A-1	1 1/32	2 1/16	2 5/32	21.00	IDC 6C60SF	SF	A-1	1 1/32	2 1/16	3 5/32	20.00	
7.40	7.00	IDC 5C70SF	SF	A-1	1 1/32	2 1/16	2 5/32	26.00	IDC 6C70SF	SF	A-1	1 1/32	2 1/16	3 5/32	26.00	
7.90	7.50	IDC 5C75SF	SF	A-1	1 1/32	2 1/16	2 5/32	28.00	IDC 6C75SF	SF	A-1	1 1/32	2 1/16	3 5/32	29.00	
8.40	8.00	IDC 5C80E	E	A-1	1 5/32	2 3/4	1 11/32	33.00	IDC 6C80E	E	A-1	1 5/32	2 3/4	2 11/32	36.00	
8.90	8.50	IDC 5C85E	E	A-1	1 5/32	2 3/4	1 11/32	37.00	IDC 6C85E	E	A-1	1 5/32	2 3/4	2 11/32	39.00	
9.40	9.00	IDC 5C90E	E	A-1	1 5/32	2 3/4	1 11/32	40.00	IDC 6C90F	F	A-1	1 1/32	3 3/4	1 15/32	51.00	
9.90	9.50	IDC 5C95E	E	A-2	1 5/32	2 3/4	1 11/32	42.00	IDC 6C95F	F	A-1	1 1/32	3 3/4	1 15/32	55.00	
10.40	10.00	IDC 5C100E	E	A-2	1 5/32	2 3/4	1 11/32	45.00	IDC 6C100F	F	A-1	1 1/32	3 3/4	1 15/32	59.00	
10.90	10.50	IDC 5C105E	E	A-2	1 5/32	2 3/4	1 11/32	47.00	IDC 6C105F	F	A-2	1 1/32	3 3/4	1 15/32	62.00	
11.40	11.00	IDC 5C110E	E	A-2	1 5/32	2 3/4	1 11/32	50.00	IDC 6C110F	F	A-2	1 1/32	3 3/4	1 15/32	66.00	
12.40	12.00	IDC 5C120E	E	A-2	1 5/32	2 3/4	1 11/32	53.00	IDC 6C120F	F	A-2	1 1/32	3 3/4	1 15/32	70.00	
13.40	13.00	IDC 5C130E	E	A-3	1 5/32	2 3/4	1 11/32	58.00	IDC 6C130F	F	A-3	1 1/32	3 3/4	1 15/32	74.00	
14.40	14.00	IDC 5C140E	E	A-3	1 5/32	2 3/4	1 11/32	64.00	IDC 6C140F	F	A-3	1 1/32	3 3/4	1 15/32	80.00	
16.40	16.00	IDC 5C160E	E	A-3	1 5/32	2 3/4	1 11/32	73.00	IDC 6C160F	F	A-3	1 1/32	3 3/4	1 15/32	89.00	
18.40	18.00	IDC 5C180E	E	A-3	1 5/32	2 3/4	1 11/32	85.00	IDC 6C180F	F	A-3	1 1/32	3 3/4	1 15/32	102.00	
20.40	20.00	IDC 5C200F	F	D-3	3/32	3 3/4	1 19/32	98.00	IDC 6C200F	F	A-3	1 7/32	3 3/4	1 31/32	112.00	
24.40	24.00	IDC 5C240F	F	D-3	3/32	3 3/4	1 19/32	119.00	IDC 6C240F	F	A-3	1 7/32	3 3/4	1 31/32	131.00	
27.40	27.00	IDC 5C270F	F	D-3	3/32	3 3/4	1 19/32	153.00	IDC 6C270J	J	A-3	1/16	4 5/8	1 19/16	160.00	
30.40	30.00	IDC 5C300F	F	D-3	3/32	3 3/4	1 19/32	174.00	IDC 6C300J	J	A-3	1/16	4 5/8	1 19/16	190.00	
36.40	36.00	IDC 5C360J	J	A-3	1/16	4 5/8	9/16	206.00	IDC 6C360J	J	A-3	1/16	4 5/8	1 19/16	232.00	
44.40	44.00	IDC 5C440J	J	A-3	1/16	4 5/8	9/16	254.00	IDC 6C440J	J	A-3	1/16	4 5/8	1 19/16	299.00	
50.40	50.00	IDC 5C500J	J	A-3	1/16	4 5/8	9/16	274.00	IDC 6C500M•	M	B-3	7/32	6 3/4	2 23/32	320.00	

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Order bushings separately from pages 5-6.

• M-N-P-W bushings use standard mounting only with these sheaves.

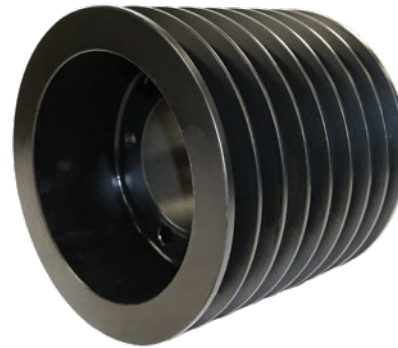
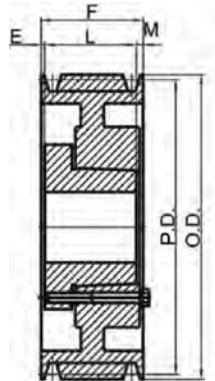
See page 45 for installation instructions.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY EIGHT GROOVE C-QD® SHEAVES



TYPE A

Diameters		8 Groove F = 8 1/4						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)
8.40	8.00	IDC 8C80E	E	A-1	2 1/32	2 3/4	3 15/32	43.00
8.90	8.50	IDC 8C85E	E	A-1	2 1/32	2 3/4	3 15/32	48.00
9.40	9.00	IDC 8C90F	F	A-1	1 29/32	3 3/4	2 19/32	60.00
9.90	9.50	IDC 8C95F	F	A-1	1 29/32	3 3/4	2 19/32	65.00
10.40	10.00	IDC 8C100F	F	A-1	1 29/32	3 3/4	2 19/32	69.00
10.90	10.50	IDC 8C105F	F	A-2	1 29/32	3 3/4	2 19/32	73.00
11.40	11.00	IDC 8C110F	F	A-2	1 29/32	3 3/4	2 19/32	78.00
12.40	12.00	IDC 8C120F	F	A-3	1 29/32	3 3/4	2 19/32	83.00
13.40	13.00	IDC 8C130F	F	A-3	1 29/32	3 3/4	2 19/32	89.00
14.40	14.00	IDC 8C140F	F	A-3	1 29/32	3 3/4	2 19/32	97.00
16.40	16.00	IDC 8C160F	F	A-3	1 29/32	3 3/4	2 19/32	113.00
18.40	18.00	IDC 8C180F	F	A-3	1 29/32	3 3/4	2 19/32	131.00
20.40	20.00	IDC 8C200J	J	A-3	1 1/16	4 5/8	3 9/16	152.00
24.40	24.00	IDC 8C240J	J	A-3	1 1/16	4 5/8	3 9/16	185.00
27.40	27.00	IDC 8C270J	J	A-3	1 1/16	4 5/8	3 9/16	208.00
30.40	30.00	IDC 8C300J	J	A-3	1 1/16	4 5/8	3 9/16	230.00
36.40	36.00	IDC 8C360M•	M	A-3	9/32	6 3/4	1 7/32	306.00
44.40	44.00	IDC 8C440M•	M	A-3	9/32	6 3/4	1 7/32	400.00
50.40	50.00	IDC 8C500M•	M	A-3	9/32	6 3/4	1 7/32	475.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Order bushings separately from pages 5-6.

• M-N-P-W bushings use standard mounting only with these sheaves.

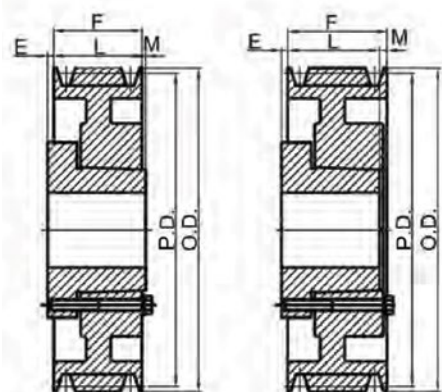
See page 55 for installation instructions.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

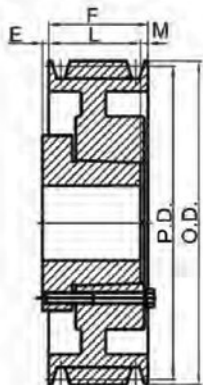
IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

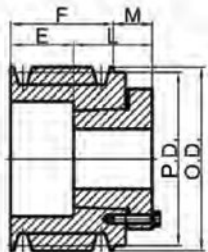
HEAVY DUTY ONE AND TWO GROOVE 3V QD® SHEAVES



TYPE C



TYPE D



TYPE E



Diameters		1 Groove F = 1 ¹ / ₁₆ F = 3/4. 1-34800SDS-1-341060SDS F = 1 ³ / ₁₆ . 1-341400SK-1-341900SK							2 Groove F = 1 ³ / ₃₂							
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)	
2.20	2.15	IDC 1-3V220JA**	JA	E-1	5/8	1	15/16	0.40	IDC 2-3V220JA**	JA	E-1	1 1/32	1	15/16	0.60	
2.35	2.30	IDC 1-3V235JA**	JA	E-1	19/32	1	29/32	0.40	IDC 2-3V235JA**	JA	E-1	1	1	29/32	0.60	
2.50	2.45	IDC 1-3V250JA**	JA	E-1	19/32	1	29/32	0.50	IDC 2-3V250JA**	JA	E-1	1	1	29/32	0.70	
2.65	2.60	IDC 1-3V265JA	JA	D-1	3/8	1	1/16	0.60	IDC 2-3V265JA	JA	D-1	3/8	1	15/32	0.80	
2.80	2.75	IDC 1-3V280JA	JA	D-1	3/8	1	1/16	0.70	IDC 2-3V280JA	JA	D-1	3/8	1	15/32	0.90	
3.00	2.95	IDC 1-3V300JA	JA	D-1	3/8	1	1/16	0.80	IDC 2-3V300JA	JA	D-1	3/8	1	15/32	1.20	
3.15	3.10	IDC 1-3V315JA	JA	D-1	3/8	1	1/16	0.90	IDC 2-3V315JA	JA	D-1	3/8	1	15/32	1.20	
3.35	3.30	IDC 1-3V335JA	JA	D-1	3/8	1	1/16	1.00	IDC 2-3V335SH	SH	D-1	17/32	1 1/16	5/16	1.30	
3.65	3.60	IDC 1-3V365SH	SH	D-1	2 1/32	1 5/16	1/32	1.30	IDC 2-3V365SH	SH	D-1	17/32	1 1/16	5/16	1.50	
4.12	4.07	IDC 1-3V412SH	SH	D-1	2 1/32	1 5/16	1/32	1.80	IDC 2-3V412SH	SH	D-1	1 1/32	1 5/16	1/8	2.20	
4.50	4.45	IDC 1-3V450SH	SH	D-1	2 1/32	1 5/16	1/32	2.10	IDC 2-3V450SH	SH	D-1	1 1/32	1 5/16	1/8	2.70	
4.75	4.70	IDC 1-3V475SH	SH	D-1	2 1/32	1 5/16	1/32	2.40	IDC 2-3V475SH	SH	D-1	1 1/32	1 5/16	1/8	3.10	
5.00	4.90	IDC 1-3V500SH	SH	D-1	2 1/32	1 5/16	1/32	2.70	IDC 2-3V500SH	SH	D-1	1 1/32	1 5/16	1/8	3.40	
5.30	5.25	IDC 1-3V530SH	SH	D-2	2 1/32	1 5/16	1/32	2.90	IDC 2-3V530SH	SH	D-1	1 1/32	1 5/16	1/8	3.90	
5.60	5.55	IDC 1-3V560SH	SH	D-2	2 1/32	1 5/16	1/32	3.00	IDC 2-3V560SH	SH	D-2	1 1/32	1 5/16	1/8	4.00	
6.00	5.95	IDC 1-3V600SH	SH	D-2	2 1/32	1 5/16	1/32	3.20	IDC 2-3V600SH	SH	D-2	1 1/32	1 5/16	1/8	4.40	
6.50	6.45	IDC 1-3V650SH	SH	D-2	2 1/32	1 5/16	1/32	4.20	IDC 2-3V650SDS	SDS	D-2	1 1/32	1 5/16	1/8	6.00	
6.90	6.85	IDC 1-3V690SH	SH	D-3	2 1/32	1 5/16	1/32	4.40	IDC 2-3V690SDS	SDS	D-2	1 1/32	1 5/16	1/8	7.50	
8.00	7.95	IDC 1-3V800SDS	SDS	D-3	2 1/32	1 5/16	1/32	5.80	IDC 2-3V800SDS	SDS	D-3	1 1/32	1 5/16	1/8	8.50	
10.60	10.55	IDC 1-3V1060SDS	SDS	D-3	2 1/32	1 5/16	1/32	7.90	IDC 2-3V1060SK	SK	C-3	17/32	1 15/16	5/16	12.50	
14.00	13.95	IDC 1-3V1400SK	SK	C-3	2 5/32	1 15/16	1 5/32	14.80	IDC 2-3V1400SK	SK	C-3	17/32	1 15/16	5/16	19.50	
19.00	18.95	IDC 1-3V1900SK	SK	C-3	2 5/32	1 15/16	1 5/32	24.00	IDC 2-3V1900SK	SK	C-3	17/32	1 15/16	5/16	27.00	
25.00	24.95								IDC 2-3V2500SF	SF	C-3	19/32	2 1/16	3/8	38.00	

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

**Reverse mount sheave

Order bushings separately from pages 5-6.

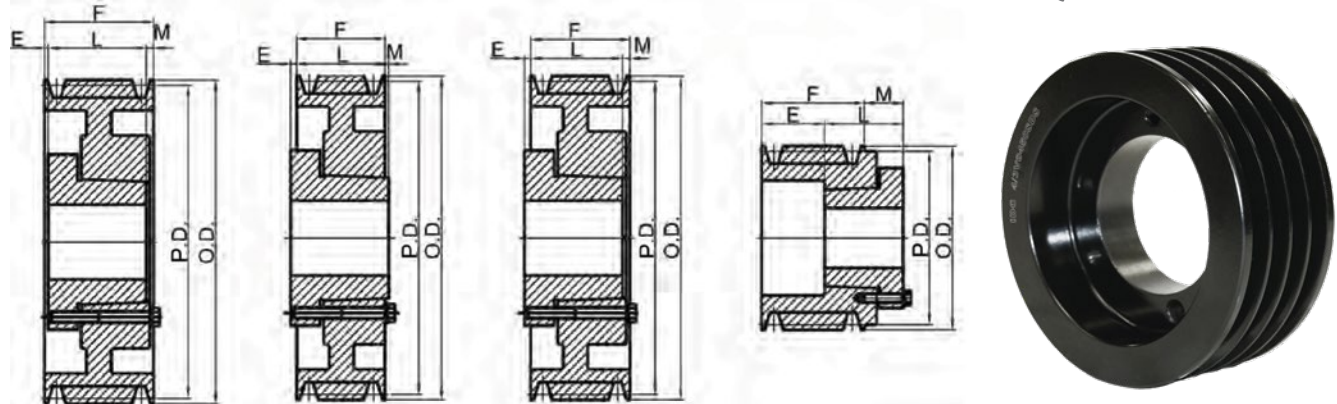
Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY THREE AND FOUR GROOVE 3V QD® SHEAVES



TYPE A

TYPE C

TYPE D

TYPE E

Diameters		3 Groove F = 1 1/2							4 Groove F = 1 3/8						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
2.50	2.45	IDC 3-3V250JA**	JA	E-1	1 13/32	1	29/32	0.80	IDC 4-3V265JA**	JA	D-1	3/8	1	1 9/32	1.30
2.65	2.60	IDC 3-3V265JA**	JA	D-1	3/8	1	7/8	1.00	IDC 4-3V280JA**	JA	D-1	3/8	1	1 9/32	1.70
2.80	2.75	IDC 3-3V280JA**	JA	D-1	3/8	1	7/8	1.40	IDC 4-3V300SH†	SH	E-1	1 1/2	1 5/16	29/32	2.00
3.00	2.95	IDC 3-3V300SH†	SH	E-1	1 5/32	1 5/16	3 1/32	1.70	IDC 4-3V315SH†	SH	E-1	1 1/2	1 5/16	29/32	2.20
3.15	3.10	IDC 3-3V315SH†	SH	E-1	1 5/32	1 5/16	3 1/32	1.80							
3.35	3.30	IDC 3-3V335SH	SH	D-1	17/32	1 5/16	23/32	1.90	IDC 4-3V335SH	SH	D-1	17/32	1 5/16	1 1/8	2.30
3.65	3.60	IDC 3-3V365SH	SH	D-1	17/32	1 5/16	23/32	2.30	IDC 4-3V365SH	SH	D-1	17/32	1 5/16	1 1/8	2.80
4.12	4.07	IDC 3-3V412SH	SH	A-1	1/32	1 5/16	5/32	2.80	IDC 4-3V412SH	SH	A-1	5/32	1 5/16	7/16	3.40
4.50	4.45	IDC 3-3V450SDS	SDS	A-1	1/32	1 5/16	5/32	3.50	IDC 4-3V450SDS	SDS	A-1	5/32	1 5/16	7/16	4.00
4.75	4.70	IDC 3-3V475SDS	SDS	A-1	1/32	1 5/16	5/32	4.00	IDC 4-3V475SDS	SDS	A-1	5/32	1 5/16	7/16	4.60
5.00	4.95	IDC 3-3V500SDS	SDS	A-1	1/32	1 5/16	5/32	4.50	IDC 4-3V500SDS	SDS	A-1	5/32	1 5/16	7/16	5.20
5.30	5.25	IDC 3-3V530SDS	SDS	A-1	1/32	1 5/16	5/32	5.20	IDC 4-3V530SDS	SDS	A-1	5/32	1 5/16	7/16	5.80
5.60	5.55	IDC 3-3V560SDS	SDS	A-1	1/32	1 5/16	5/32	6.00	IDC 4-3V560SDS	SDS	A-1	5/32	1 5/16	7/16	6.80
6.00	5.95	IDC 3-3V600SDS	SDS	A-2	1/32	1 5/16	5/32	7.00	IDC 4-3V600SK	SK	D-1	5/32	1 15/16	1/8	8.30
6.50	6.45	IDC 3-3V650SDS	SDS	A-2	1/32	1 5/16	5/32	8.10	IDC 4-3V650SK	SK	D-1	5/32	1 15/16	1/8	10.00
6.90	6.85	IDC 3-3V690SDS	SDS	A-2	1/32	1 5/16	5/32	8.90	IDC 4-3V690SK	SK	D-1	5/32	1 15/16	1/8	11.90
8.00	7.95	IDC 3-3V800SK	SK	D-2	17/32	1 15/16	3/32	11.30	IDC 4-3V800SK	SK	D-2	5/32	1 15/16	1/8	13.00
10.60	10.55	IDC 3-3V1060SK	SK	D-3	17/32	1 15/16	3/32	14.00	IDC 4-3V1060SK	SK	D-3	5/32	1 15/16	1/8	16.50
14.00	13.95	IDC 3-3V1400SK	SK	D-3	17/32	1 15/16	3/32	21.60	IDC 4-3V1400SK	SK	D-3	5/32	1 15/16	1/8	22.50
19.00	18.95	IDC 3-3V1900SF	SF	D-3	19/32	2 1/16	1/32	32.10	IDC 4-3V1900SF	SF	D-3	7/32	2 1/16	1/16	35.00
25.00	24.95	IDC 3-3V2500SF	SF	D-3	19/32	2 1/16	1/32	50.00	IDC 4-3V2500SF	SF	D-3	7/32	2 1/16	1/16	57.00
33.50	33.45	IDC 3-3V3350SF	SF	D-3	19/32	2 1/16	1/32	78.00	IDC 4-3V3350E	E	C-3	2 1/32	2 3/4	3/16	84.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

**Reverse mount sheave

† Includes cap screws to be used to install bushing.

Order bushings separately from pages 5-6.

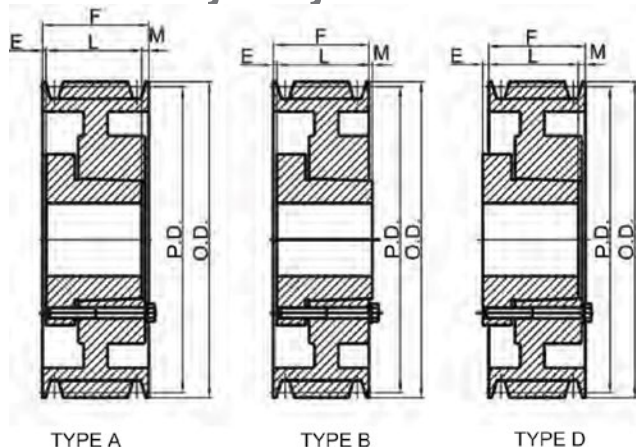
Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY FIVE, SIX, EIGHT AND TEN GROOVE 3V QD® SHEAVES



Diameters		5 Groove F = 2 ⁵ / ₁₆							6 Groove F = 2 ²³ / ₃₂						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
4.75	4.70	IDC 5-3V475SDS	SDS	A-1	5/32	1 ⁵ / ₁₆	2 ⁷ / ₃₂	5.10	IDC 6-3V475SK	SK	D-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	1 ⁷ / ₁₆	6.00
5.00	4.95	IDC 5-3V500SDS	SDS	A-1	9/32	1 ⁵ / ₁₆	2 ⁷ / ₃₂	5.70	IDC 6-3V500SK	SK	D-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	1 ⁷ / ₁₆	6.30
5.30	5.25	IDC 5-3V530SK	SK	A-1	5/32	1 ⁵ / ₁₆	7/32	6.50	IDC 6-3V530SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1/4	6.90
5.60	5.55	IDC 5-3V560SK	SK	A-1	5/32	1 ⁵ / ₁₆	7/32	7.50	IDC 6-3V560SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1/4	8.50
6.00	5.95	IDC 5-3V600SK	SK	A-1	5/32	1 ⁵ / ₁₆	7/32	8.90	IDC 6-3V600SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1/4	9.80
6.50	6.45	IDC 5-3V650SK	SK	A-2	5/32	1 ⁵ / ₁₆	7/32	10.60	IDC 6-3V650SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1/4	11.40
6.90	6.85	IDC 5-3V690SK	SK	A-2	5/32	1 ⁵ / ₁₆	7/32	12.80	IDC 6-3V690SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1/4	13.40
8.00	7.95	IDC 5-3V800SK	SK	A-2	5/32	1 ⁵ / ₁₆	7/32	13.60	IDC 6-3V800SK	SK	A-2	3/32	2 ¹ / ₁₆	1 ¹ / ₁₆	15.00
10.60	10.55	IDC 5-3V1060SK	SK	A-3	5/32	1 ⁵ / ₁₆	7/32	17.00	IDC 6-3V1060SF	SF	A-3	1/32	2 ¹ / ₁₆	5/8	22.60
14.00	13.95	IDC 5-3V1400SF	SF	A-3	1/32	2 ¹ / ₁₆	7/32	26.00	IDC 6-3V1400SF	SF	A-3	1/32	2 ³ / ₄	5/8	29.50
19.00	18.95	IDC 5-3V1900SF	SF	A-3	1/32	2 ¹ / ₁₆	7/32	41.00	IDC 6-3V1900E	E	D-3	5/32	2 ³ / ₄	1/8	44.00
25.00	24.95	IDC 5-3V2500E	E	D-3	1 ⁷ / ₃₂	2 ³ / ₄	3/32	63.00	IDC 6-3V2500E	E	D-3	5/32	2 ³ / ₄	1/8	65.00
33.50	33.45	IDC 5-3V3350E	E	D-3	1 ⁷ / ₃₂	2 ³ / ₄	3/32	95.00	IDC 6-3V3350E	E	D-3	5/32	2 ³ / ₄	1/8	101.00

Diameters		8 Groove F = 3 ¹⁷ / ₃₂							10 Groove F = 4						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
4.75	4.70	IDC 8-3V475SK	SK	D-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	2 ¹ / ₄	7.20	IDC 10-3V475SK	SK	D-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	3 ¹ / ₁₆	8.30
5.00	4.95	IDC 8-3V500SK	SK	D-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	2 ¹ / ₄	7.80	IDC 10-3V500SK	SK	D-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	3 ¹ / ₁₆	9.50
5.30	5.25	IDC 8-3V530SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1 ¹ / ₁₆	9.30	IDC 10-3V530SK	SK	A-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	1 ³ / ₄	10.20
5.60	5.55	IDC 8-3V560SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1 ¹ / ₁₆	10.50	IDC 10-3V560SK	SK	A-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	1 ³ / ₄	11.40
6.00	5.95	IDC 8-3V600SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1 ¹ / ₁₆	12.50	IDC 10-3V600SK	SK	A-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	1 ³ / ₄	14.50
6.50	6.45	IDC 8-3V650SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1 ¹ / ₁₆	16.00	IDC 10-3V650SK	SK	A-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	1 ³ / ₄	17.50
6.90	6.85	IDC 8-3V690SK	SK	A-1	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	1 ¹ / ₁₆	18.00	IDC 10-3V690SK	SK	A-1	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	1 ³ / ₄	20.00
8.00	7.95	IDC 8-3V800SF	SF	A-1	9/32	2 ¹ / ₁₆	1 ³ / ₁₆	21.00	IDC 10-3V800SF	SF	A-1	2 ¹ / ₃₂	2 ¹ / ₁₆	1 ⁵ / ₈	24.00
10.60	10.55	IDC 8-3V1060SF	SF	A-2	9/32	2 ¹ / ₁₆	1 ³ / ₁₆	25.50	IDC 10-3V1060E	E	A-2	3/32	2 ³ / ₄	1 ¹ / ₂	30.20
14.00	13.95	IDC 8-3V1400E	E	A-3	3/32	2 ³ / ₄	1 ¹ / ₁₆	38.50	IDC 10-3V1400E	E	A-3	3/32	2 ³ / ₄	1 ¹ / ₂	42.80
19.00	18.95	IDC 8-3V1900E	E	A-3	3/32	2 ³ / ₄	1 ¹ / ₁₆	54.00	IDC 10-3V1900E	E	A-3	3/32	2 ³ / ₄	1 ¹ / ₂	64.00
25.00	24.95	IDC 8-3V2500E	E	A-3	3/32	2 ³ / ₄	1 ¹ / ₁₆	80.00	IDC 10-3V2500F	F	D-3	1/32	3 ³ / ₄	5/8	99.00
33.50	33.45	IDC 8-3V3350F	F	B-3	9/32	3 ³ / ₄	1/16	132.00	IDC 10-3V3350F	F	D-3	1/32	3 ³ / ₄	5/8	158.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Order bushings separately from pages 5-6.

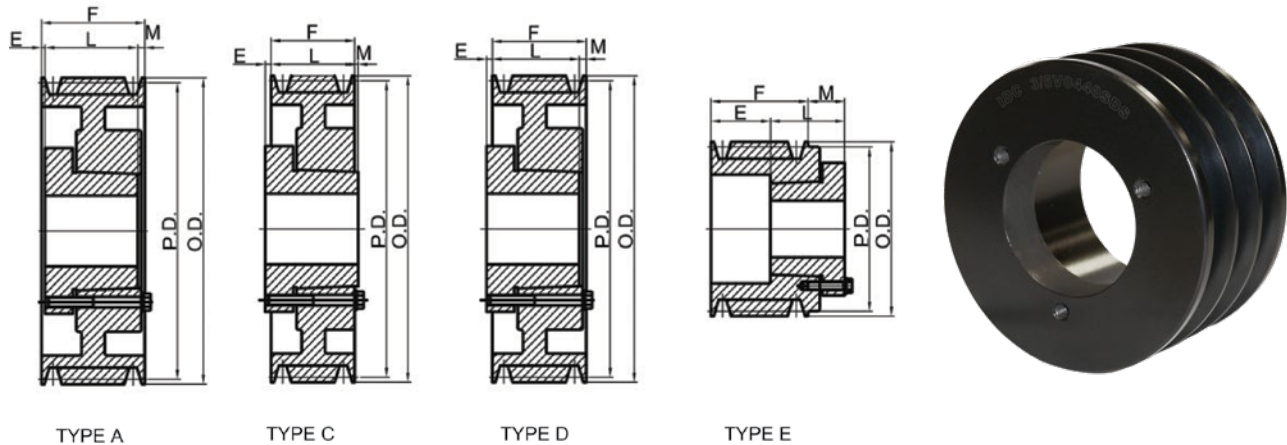
Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY TWO AND THREE GROOVE 5V QD® SHEAVES



Diameters		2 Groove F = 1 11/16							3 Groove F = 2 3/8						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
4.40	4.30	IDC 2-5V440SH**	SH	D-1	11/32	15/16	23/32	5.80	IDC 3-5V440SDS**	SDS	E-1	1 23/32	15/16	21/32	6.50
4.65	4.55	IDC 2-5V465SDS**	SDS	E-1	27/32	15/16	19/32	6.60	IDC 3-5V465SDS**	SDS	E-1	1 23/32	15/16	21/32	7.60
4.90	4.80	IDC 2-5V490SDS	SDS	A-1	1/32	15/16	11/32	6.80	IDC 3-5V490SDS	SDS	A-1	13/32	15/16	21/32	7.80
5.20	5.10	IDC 2-5V520SDS	SDS	A-1	1/32	15/16	11/32	7.00	IDC 3-5V520SDS	SDS	A-1	13/32	15/16	21/32	8.00
5.50	5.40	IDC 2-5V550SDS	SDS	A-1	1/32	15/16	11/32	7.20	IDC 3-5V550SDS	SDS	A-1	13/32	15/16	21/32	8.20
5.90	5.80	IDC 2-5V590SDS	SDS	A-1	1/32	15/16	11/32	7.60	IDC 3-5V590SDS	SDS	A-1	13/32	15/16	21/32	8.60
6.30	6.20	IDC 2-5V630SK	SK	D-1	11/32	1 15/16	3/32	9.40	IDC 3-5V630SK	SK	A-1	9/32	1 15/16	5/32	10.40
6.70	6.60	IDC 2-5V670SK	SK	D-1	11/32	1 15/16	3/32	10.50	IDC 3-5V670SK	SK	A-1	9/32	1 15/16	5/32	11.70
7.10	7.00	IDC 2-5V710SK	SK	D-1	11/32	1 15/16	3/32	11.50	IDC 3-5V710SF	SF	A-1	5/32	2 1/16	5/32	12.70
7.50	7.40	IDC 2-5V750SK	SK	D-1	11/32	1 15/16	3/32	12.50	IDC 3-5V750SF	SF	A-1	5/32	2 1/16	5/32	15.00
8.00	7.90	IDC 2-5V800SK	SK	D-2	11/32	1 15/16	3/32	13.00	IDC 3-5V800SF	SF	A-1	5/32	2 1/16	5/32	16.50
8.50	8.40	IDC 2-5V850SK	SK	D-2	11/32	1 15/16	3/32	14.00	IDC 3-5V850SF	SF	A-3	5/32	2 1/16	5/32	18.00
9.00	8.90	IDC 2-5V900SK	SK	D-3	11/32	1 15/16	3/32	15.20	IDC 3-5V900SF	SF	A-3	5/32	2 1/16	5/32	19.80
9.25	9.15	IDC 2-5V925SK	SK	D-3	11/32	1 15/16	3/32	15.30	IDC 3-5V925SF	SF	A-3	5/32	2 1/16	5/32	20.70
9.75	9.65	IDC 2-5V975SK	SK	D-3	11/32	1 15/16	3/32	15.50	IDC 3-5V975SF	SF	A-3	5/32	2 1/16	5/32	22.60
10.30	10.20	IDC 2-5V1030SK	SK	D-3	11/32	1 15/16	3/32	15.50	IDC 3-5V1030SF	SF	A-3	5/32	2 1/16	5/32	24.60
10.90	10.80	IDC 2-5V1090SK	SK	D-3	11/32	1 15/16	3/32	16.50	IDC 3-5V1090SF	SF	A-3	5/32 5/32	2 1/16	5/32	26.70
11.30	11.20	IDC 2-5V1130SK	SK	D-3	11/32	1 15/16	3/32	17.80	IDC 3-5V1130SF	SF	A-3	5/32	2 1/16	5/32	28.20
11.80	11.70	IDC 2-5V1180SK	SK	D-3	11/32	1 15/16	3/32	19.00	IDC 3-5V1180SF	SF	A-3	13/32	2 1/16	5/32	29.70
12.50	12.40	IDC 2-5V1250SK	SK	D-3	13/32	2 1/16	1/32	21.00	IDC 3-5V1250E	E	D-3		2 3/4	1/32	34.00
13.20	13.10	IDC 2-5V1320SF	SF	D-3	13/32	2 1/16	1/32	22.60	IDC 3-5V1320E	E	D-3	13/32	2 3/4	1/32	35.00
14.00	13.90	IDC 2-5V1400SF	SF	D-3	13/32	2 1/16	1/32	25.30	IDC 3-5V1400E	E	D-3	13/32	2 3/4	1/32	37.00
15.00	14.90	IDC 2-5V1500SF	SF	D-3	13/32	2 1/16	1/32	27.40	IDC 3-5V1500E	E	D-3	13/32	2 3/4	1/32	38.00
16.00	15.90	IDC 2-5V1600SF	SF	D-3	13/32	2 1/16	1/32	29.20	IDC 3-5V1600E	E	D-3	13/32	2 3/4	1/32	39.20
18.70	18.60	IDC 2-5V1870SF	SF	D-3	13/32	2 1/16	1/32	36.00	IDC 3-5V1870E	E	D-3	13/32	2 3/4	1/32	47.20
21.20	21.10	IDC 2-5V2120SF	SF	D-3	13/32	2 1/16	1/32	43.00	IDC 3-5V2120E	E	D-3	13/32	2 3/4	1/32	55.00
23.60	23.50	IDC 2-5V2360E	E	C-3	29/32	2 3/4	5/32	55.00	IDC 3-5V2360E	E	D-3	13/32	2 3/4	1/32	70.20
28.00	27.90	IDC 2-5V2800E	E	C-3	29/32	2 3/4	5/32	67.00	IDC 3-5V2800E	E	D-3	13/32	2 3/4	1/32	86.50
31.50	31.40								IDC 3-5V3150F	F	C-3	25/32	3 3/4	19/32	116.00
37.50	37.40								IDC 3-5V3750F	F	C-3	25/32	3 3/4	19/32	141.00
50.00	49.90								IDC 3-5V5000F	F	C-3	25/32	3 3/4	19/32	211.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

**Reverse mount sheave

Order bushings separately from pages 5-6.

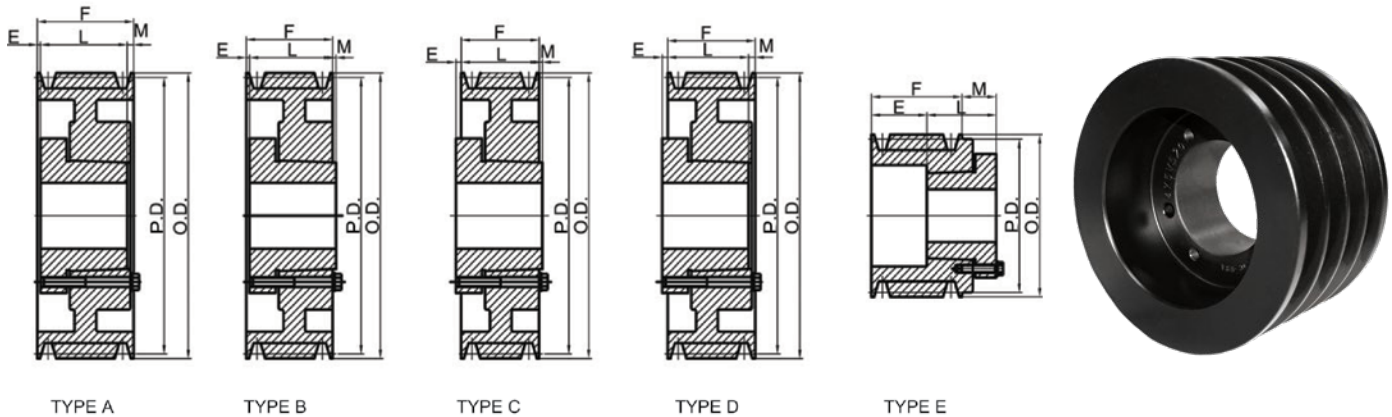
Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY FOUR AND FIVE GROOVE 5V QD® SHEAVES



Diameters		4 Groove F = 3/16							5 Groove F = 3/4						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
4.40	4.30	IDC 4-5V440SD**	SD	E-1	129/32	113/16	21/32	7.50	IDC 5-5V440SD**	SD	E-1	219/32	113/16	21/32	8.90
4.65	4.55	IDC 4-5V465SD**	SD	E-1	129/32	113/16	21/32	8.00	IDC 5-5V465SD**	SD	E-1	219/32	113/16	21/32	9.20
4.90	4.80	IDC 4-5V490SD	SD	A-1	21/32	113/16	19/32	8.50	IDC 5-5V490SD	SD	A-1	21/32	113/16	19/32	10.10
5.20	5.10	IDC 4-5V520SD	SD	A-1	21/32	113/16	19/32	8.80	IDC 5-5V520SD	SD	A-1	21/32	113/16	19/32	10.80
5.50	5.40	IDC 4-5V550SD	SD	A-1	21/32	113/16	19/32	9.30	IDC 5-5V550SD	SD	A-1	21/32	113/16	19/32	12.00
5.90	5.80	IDC 4-5V590SD	SD	A-1	21/32	113/16	19/32	10.10	IDC 5-5V590SK	SK	A-1	17/32	115/16	19/32	13.20
6.30	6.20	IDC 4-5V630SK	SK	A-1	17/32	115/16	19/32	11.80	IDC 5-5V630SK	SK	A-1	17/32	115/16	19/32	15.90
6.70	6.60	IDC 4-5V670SK	SK	A-1	17/32	115/16	19/32	13.60	IDC 5-5V670SF	SF	A-1	17/32	21/16	19/32	18.60
7.10	7.00	IDC 4-5V710SF	SF	A-1	7/32	21/16	25/32	14.90	IDC 5-5V710SF	SF	A-1	17/32	21/16	19/32	21.70
7.50	7.40	IDC 4-5V750SF	SF	A-1	7/32	21/16	25/32	17.00	IDC 5-5V750SF	SF	A-1	17/32	21/16	19/32	22.80
8.00	7.90	IDC 4-5V800E	E	B-1	11/32	23/4	1/32	18.80	IDC 5-5V800E	E	A-1	19/32	23/4	13/32	23.70
8.50	8.40	IDC 4-5V850E	E	B-1	11/32	23/4	1/32	21.90	IDC 5-5V850E	E	A-1	19/32	23/4	13/32	24.80
9.00	8.90	IDC 4-5V900E	E	B-1	11/32	23/4	1/32	24.20	IDC 5-5V900E	E	A-1	19/32	23/4	13/32	26.30
9.25	9.15	IDC 4-5V925E	E	B-1	11/32	23/4	1/32	25.80	IDC 5-5V925E	E	A-1	19/32	23/4	13/32	28.20
9.75	9.65	IDC 4-5V975E	E	B-1	11/32	23/4	1/32	28.20	IDC 5-5V975E	E	A-1	19/32	23/4	13/32	32.00
10.30	10.20	IDC 4-5V1030E	E	B-1	11/32	23/4	1/32	29.80	IDC 5-5V1030E	E	A-2	19/32	23/4	13/32	33.00
10.90	10.80	IDC 4-5V1090E	E	B-2	11/32	23/4	1/32	30.60	IDC 5-5V1090E	E	A-2	19/32	23/4	13/32	35.00
11.30	11.20	IDC 4-5V1130E	E	A-3	9/32	23/4	1/32	31.90	IDC 5-5V1130E	E	A-3	19/32	23/4	13/32	36.50
11.80	11.70	IDC 4-5V1180E	E	B-2	11/32	23/4	1/32	33.00	IDC 5-5V1180E	E	A-3	19/32	23/4	13/32	38.00
12.50	12.40	IDC 4-5V1250E	E	A-3	9/32	23/4	1/32	36.40	IDC 5-5V1250E	E	A-3	19/32	23/4	13/32	40.80
13.20	13.10	IDC 4-5V1320E	E	A-3	9/32	23/4	1/32	38.20	IDC 5-5V1320E	E	A-3	19/32	23/4	13/32	42.30
14.00	13.90	IDC 4-5V1400E	E	A-3	9/32	23/4	1/32	40.20	IDC 5-5V1400E	E	A-3	19/32	23/4	13/32	44.60
15.00	14.90	IDC 4-5V1500E	E	A-3	9/32	23/4	1/32	43.50	IDC 5-5V1500E	E	A-3	19/32	23/4	13/32	48.20
16.00	15.90	IDC 4-5V1600E	E	A-3	9/32	23/4	1/32	44.60	IDC 5-5V1600E	E	A-3	19/32	23/4	13/32	51.20
18.70	18.60	IDC 4-5V1870E	E	A-3	3/32	23/4	7/2	53.60	IDC 5-5V1870F	F	D-3	3/32	33/4	3/32	70.20
21.20	21.10	IDC 4-5V2120E	E	A-3	3/32	23/4	7/32	62.50	IDC 5-5V2120F	F	D-3	1/32	33/4	1/32	89.00
23.60	23.50	IDC 4-5V2360F	F	C-3	15/32	33/4	7/32	83.50	IDC 5-5V2360F	F	D-3	1/32	33/4	1/32	105.00
28.00	27.90	IDC 4-5V2800F	F	C-3	15/32	33/4	7/32	126.00	IDC 5-5V2800F	F	D-3	1/32	33/4	1/32	123.00
31.50	31.40	IDC 4-5V3150F	F	C-3	15/32	33/4	7/32	148.00	IDC 5-5V3150J	J	C-3	7/16	45/8	7/16	151.00
37.50	37.40	IDC 4-5V3750F	F	C-3	15/32	33/4	7/32	170.00	IDC 5-5V3750J	J	C-3	7/16	45/8	7/16	190.00
50.00	45.90	IDC 4-5V5000J	J	C-3	3/4	45/8	13/16	248.00	IDC 5-5V5000J	J	C-3	7/16	45/8	7/16	278.00

*Suffix on type indicates construction:
1 = Solid 2 = Web 3 = Arm/Spoke

**Reverse mount sheave

Order bushings separately from pages 5-6.

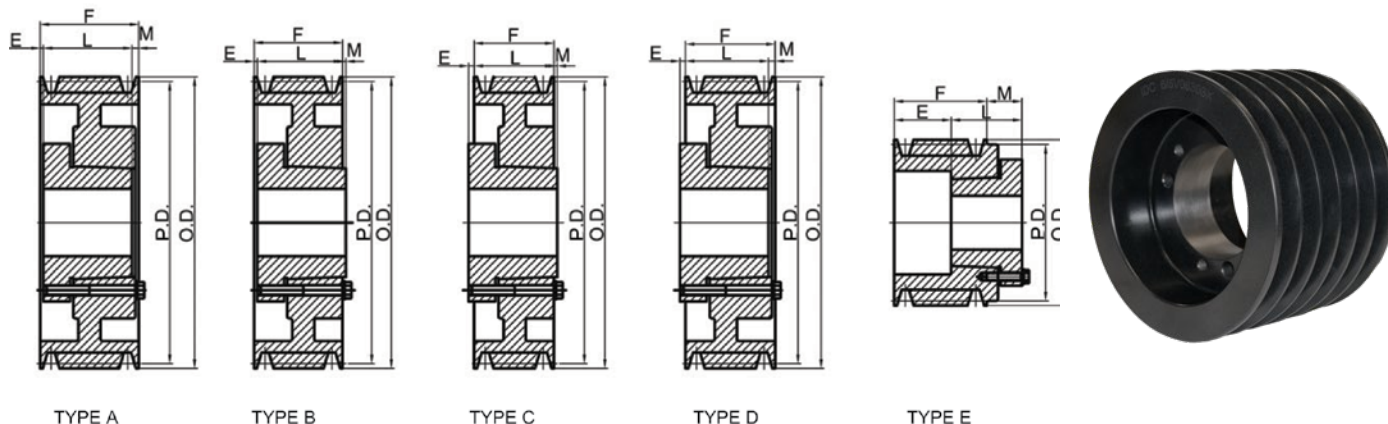
Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY SIX AND EIGHT GROOVE 5V QD® SHEAVES



Diameters		6 Groove F = 47/16							8 Groove F = 513/16						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
4.40	4.30	IDC 6-5V440SD**	SD	E-1	325/32	113/16	21/32	10.10							
4.65	4.55	IDC 6-5V465SD**	SD	E-1	325/32	113/16	21/32	10.40							
4.90	4.80	IDC 6-5V490SD	SD	A-1	21/32	113/16	131/32	11.20							
5.20	5.10	IDC 6-5V520SD	SD	A-1	21/32	113/16	131/32	12.10							
5.50	5.40	IDC 6-5V550SD	SD	A-1	21/32	113/16	131/32	13.30							
5.90	5.80	IDC 6-5V590SK	SK	A-1	17/32	115/16	131/32	14.60							
6.30	6.20	IDC 6-5V630SK	SK	A-1	17/32	115/16	131/32	17.40							
6.70	6.60	IDC 6-5V670SF	SF	A-1	25/32	21/16	119/32	20.00							
7.10	7.00	IDC 6-5V710SF	SF	A-1	25/32	21/16	119/32	21.90	IDC 8-5V710SF	SF	A-1	19/32	21/16	215/32	24.70
7.50	7.40	IDC 6-5V750SF	SF	A-1	25/32	21/16	119/32	23.40	IDC 8-5V750SF	SF	A-1	19/32	21/16	215/32	28.20
8.00	7.90	IDC 6-5V800E	E	A-1	27/32	23/4	27/32	24.20	IDC 8-5V800E	E	A-1	111/32	23/4	123/32	35.00
8.50	8.40	IDC 6-5V850E	E	A-1	27/32	23/4	27/32	26.70	IDC 8-5V850E	E	A-1	111/32	23/4	123/32	37.20
9.00	8.90	IDC 6-5V900E	E	A-1	27/32	23/4	27/32	28.50	IDC 8-5V900E	E	A-1	111/32	23/4	123/32	42.00
9.25	9.15	IDC 6-5V925E	E	A-1	27/32	23/4	27/32	30.20	IDC 8-5V925F	F	A-1	17/32	33/4	27/32	44.00
9.75	9.65	IDC 6-5V975E	E	A-2	27/32	23/4	27/32	33.80	IDC 8-5V975F	F	A-1	17/32	33/4	27/32	48.40
10.30	10.20	IDC 6-5V1030E	E	A-2	27/32	23/4	27/32	36.60	IDC 8-5V1030F	F	A-1	17/32	33/4	27/32	58.40
10.90	10.80	IDC 6-5V1090E	E	A-2	27/32	23/4	27/32	38.10	IDC 8-5V1090F	F	A-1	17/32	33/4	27/32	63.10
11.30	11.20	IDC 6-5V1130E	E	A-3	27/32	23/4	27/32	39.80	IDC 8-5V1130F	F	A-1	17/32	33/4	27/32	67.00
11.80	11.70	IDC 6-5V1180E	E	A-2	27/32	23/4	27/32	41.20	IDC 8-5V1180F	F	A-2	17/32	33/4	27/32	71.00
12.50	12.40	IDC 6-5V1250F	F	B-3	23/32	33/4	1/32	58.20	IDC 8-5V1250F	F	A-3	17/32	33/4	27/32	76.00
13.20	13.10	IDC 6-5V1320F	F	B-3	23/32	33/4	1/32	64.00	IDC 8-5V1320F	F	A-3	17/32	33/4	27/32	80.00
14.00	13.90	IDC 6-5V1400F	F	B-3	23/32	33/4	1/32	66.00	IDC 8-5V1400F	F	A-3	17/32	33/4	27/32	81.00
15.00	14.90	IDC 6-5V1500F	F	B-3	23/32	33/4	1/32	68.00	IDC 8-5V1500F	F	A-3	17/32	33/4	27/32	83.00
16.00	15.90	IDC 6-5V1600F	F	B-3	23/32	33/4	1/32	77.50	IDC 8-5V1600F	F	A-3	17/32	33/4	27/32	90.00
18.70	18.60	IDC 6-5V1870F	F	D-3	1/32	33/4	23/32	85.80	IDC 8-5V1870J	J	A-3	1/8	45/8	11/16	120.00
21.20	21.10	IDC 6-5V2120F	F	D-3	1/32	33/4	23/32	96.00	IDC 8-5V2120J	J	A-3	1/8	45/8	11/16	152.00
23.60	23.50	IDC 6-5V2360J	J	C-3	1/8	45/8	1/16	113.00	IDC 8-5V2360J	J	A-3	1/8	45/8	11/16	185.00
28.00	27.90	IDC 6-5V2800J	J	C-3	1/8	45/8	1/16	148.00	IDC 8-5V2800J	J	A-3	1/8	45/8	11/16	210.00
31.50	31.40	IDC 6-5V3150J	J	C-3	1/8	45/8	1/16	183.00	IDC 8-5V3150M•	M	B-3	11/32	63/4	19/32	242.00
37.50	37.40	IDC 6-5V3750J	J	C-3	1/8	45/8	1/16	218.00	IDC 8-5V3750M•	M	B-3	11/32	63/4	19/32	285.00
50.00	45.50	IDC 6-5V5000M•	M	C-3	13/32	63/4	17/32	310.00	IDC 8-5V5000M•	M	B-3	11/32	63/4	19/32	408.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Order bushings separately from pages 5-6.

- M-N-P-W bushings use standard mounting only with these sheaves. See page 45 for installation instructions.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

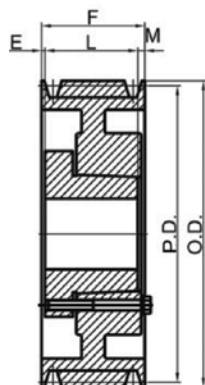
Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

**Reverse mount sheave

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY TEN GROOVE 5V QD® SHEAVES



TYPE A



Diameters		10 Groove F = 7 ³ / ₁₆						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)
8.00	7.90	IDC 10-5V800E	E	A-1	2 ³ / ₃₂	2 ³ / ₄	2 ¹¹ / ₃₂	37.60
8.50	8.40	IDC 10-5V850E	E	A-1	2 ⁹ / ₃₂	2 ³ / ₄	2 ¹¹ / ₃₂	44.50
9.00	8.90	IDC 10-5V900F	F	A-1	1 ³¹ / ₃₂	3 ³ / ₄	1 ¹⁵ / ₃₂	51.30
9.25	9.15	IDC 10-5V925F	F	A-1	1 ³¹ / ₃₂	3 ³ / ₄	1 ¹⁵ / ₃₂	53.00
9.75	9.65	IDC 10-5V975F	F	A-1	1 ³¹ / ₃₂	3 ³ / ₄	1 ¹⁵ / ₃₂	56.00
10.30	10.20	IDC 10-5V1030F	F	A-1	1 ³¹ / ₃₂	3 ³ / ₄	1 ¹⁵ / ₃₂	64.00
10.90	10.80	IDC 10-5V1090F	F	A-1	1 ³¹ / ₃₂	3 ³ / ₄	1 ¹⁵ / ₃₂	72.00
11.30	11.20	IDC 10-5V1130F	F	A-1	1 ³¹ / ₃₂	3 ³ / ₄	1 ¹⁵ / ₃₂	77.00
11.80	11.70	IDC 10-5V1180F	F	A-2	1 ³¹ / ₃₂	3 ³ / ₄	1 ¹⁵ / ₃₂	81.00
12.50	12.40	IDC 10-5V1250J	J	A-2	2 ¹ / ₈	4 ⁵ / ₈	7 ¹ / ₁₆	112.00
13.20	13.10	IDC 10-5V1320J	J	A-2	2 ¹ / ₈	4 ⁵ / ₈	7 ¹ / ₁₆	116.00
14.00	13.90	IDC 10-5V1400J	J	A-3	2 ¹ / ₈	4 ⁵ / ₈	7 ¹ / ₁₆	130.00
15.00	14.90	IDC 10-5V1500J	J	A-3	2 ¹ / ₈	4 ⁵ / ₈	7 ¹ / ₁₆	138.00
16.00	15.90	IDC 10-5V1600J	J	A-3	2 ¹ / ₈	4 ⁵ / ₈	7 ¹ / ₁₆	146.00
18.70	18.60	IDC 10-5V1870J	J	A-3	1 ¹ / ₈	4 ⁵ / ₈	27 ¹ / ₁₆	157.00
21.20	21.10	IDC 10-5V2120J	J	A-3	1 ¹ / ₈	4 ⁵ / ₈	27 ¹ / ₁₆	168.00
23.60	23.50	IDC 10-5V2360M•	M	A-3	1 ¹¹ / ₃₂	6 ³ / ₄	3 ³ / ₃₂	213.00
28.00	27.90	IDC 10-5V2800M•	M	A-3	1 ¹¹ / ₃₂	6 ³ / ₄	3 ³ / ₃₂	240.00
31.50	31.40	IDC 10-5V3150M•	M	A-3	1 ¹¹ / ₃₂	6 ³ / ₄	3 ³ / ₃₂	275.00
37.50	37.40	IDC 10-5V3750M•	M	A-3	1 ¹¹ / ₃₂	6 ³ / ₄	3 ³ / ₃₂	315.00
50.00	49.40	IDC 10-5V5000M•	M	A-3	1 ¹¹ / ₃₂	6 ³ / ₄	3 ³ / ₃₂	458.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Order bushings separately from pages 5-6.

• M-N-P-W bushings use standard mounting only with these sheaves.

See page 45 for installation instructions.

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

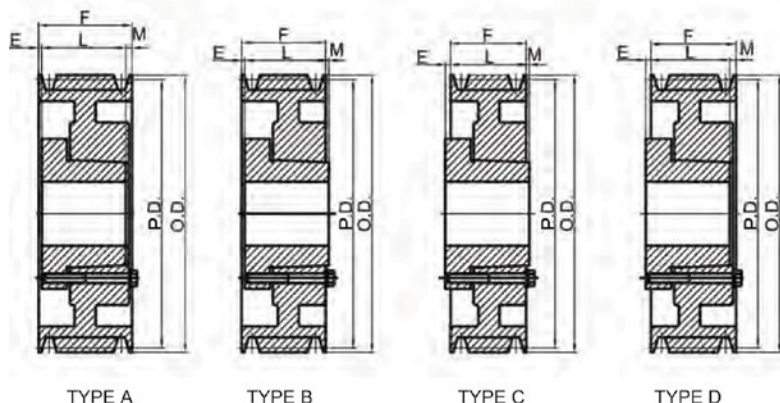
Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required.

Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY FOUR, FIVE, SIX & EIGHT GROOVE 8V QD® SHEAVES



Diameters		4 Groove F = 4 7/8							5 Groove F = 6						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
12.50	12.30	IDC 4-8V1250F	F	D-2	5/32	3 3/4	1 9/32	75.00	IDC 5-8V1250F	F	A-2	3 1/32	3 3/4	1 9/32	82.00
13.20	13.00	IDC 4-8V1320F	F	D-2	5/32	3 3/4	1 9/32	81.00	IDC 5-8V1320F	F	A-2	3 1/32	3 3/4	1 9/32	89.00
14.00	13.80	IDC 4-8V1400F	F	D-3	5/32	3 3/4	1 9/32	87.00	IDC 5-8V1400F	F	A-3	3 1/32	3 3/4	1 9/32	99.00
15.00	14.80	IDC 4-8V1500F	F	D-3	5/32	3 3/4	1 9/32	91.00	IDC 5-8V1500F	F	A-3	3 1/32	3 3/4	1 9/32	103.00
16.00	15.80	IDC 4-8V1600F	F	D-3	5/32	3 3/4	1 9/32	96.00	IDC 5-8V1600F	F	A-3	3 1/32	3 3/4	1 9/32	111.00
17.00	16.80	IDC 4-8V1700F	F	D-3	5/32	3 3/4	1 9/32	104.00	IDC 5-8V1700J	J	A-3	9/16	4 5/8	1 3/16	119.00
18.00	17.80	IDC 4-8V1800F	F	D-3	5/32	3 3/4	1 9/32	114.00	IDC 5-8V1800J	J	A-3	9/16	4 5/8	1 3/16	131.00
19.00	18.80	IDC 4-8V1900F	F	D-3	5/32	3 3/4	1 9/32	121.00	IDC 5-8V1900J	J	A-3	9/16	4 5/8	1 3/16	142.00
20.00	19.80	IDC 4-8V2000J	J	D-3	0	4 5/8	1/4	136.00	IDC 5-8V2000J	J	A-3	9/16	4 5/8	1 3/16	151.00
21.20	21.00	IDC 4-8V2120J	J	D-3	0	4 5/8	1/4	145.00	IDC 5-8V2120J	J	A-3	9/16	4 5/8	1 3/16	167.00
22.40	22.20	IDC 4-8V2240J	J	D-3	0	4 5/8	1/4	154.00	IDC 5-8V2240M•	M	B-3	1 1/32	6 3/4	1 3/32	178.00
24.80	24.60	IDC 4-8V2480M•	M	C-3	2 5/32	6 3/4	1 3/32	176.00	IDC 5-8V2480M•	M	B-3	1 1/32	6 3/4	1 3/32	201.00
30.00	29.80	IDC 4-8V3000M•	M	C-3	2 5/32	6 3/4	1 3/32	224.00	IDC 5-8V3000M•	M	B-3	1 1/32	6 3/4	1 3/32	243.00
35.50	35.30	IDC 4-8V3550M•	M	C-3	2 5/32	6 3/4	1 3/32	267.00	IDC 5-8V3550M•	M	C-3	1 1/32	6 3/4	1 3/32	278.00
40.00	39.80	IDC 4-8V4000M•	M	C-3	2 5/32	6 3/4	1 3/32	310.00	IDC 5-8V4000M•	M	C-3	1 1/32	6 3/4	1 3/32	340.00
Diameters		6 Groove F = 7 1/8							8 Groove F = 9 3/8						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)	Part No.	Bush	Type*	E	L	M	Weight (lb)
12.50	12.30	IDC 6-8V1250F	F	A-2	3 1/32	3 3/4	2 13/32	90.00	IDC 8-8V1250J	J	A-1	2 1/8	4 5/8	2 5/8	131.00
13.20	13.00	IDC 6-8V1320F	F	A-2	3 1/32	3 3/4	2 13/32	98.00	IDC 8-8V1320J	J	A-1	2 1/8	4 5/8	2 5/8	160.00
14.00	13.80	IDC 6-8V1400F	F	A-3	3 1/32	3 3/4	2 13/32	112.00	IDC 8-8V1400J	J	A-2	2 1/8	4 5/8	2 5/8	175.00
15.00	14.80	IDC 6-8V1500J	J	A-2	1 1/8	4 5/8	1 3/8	123.00	IDC 8-8V1500J	J	A-2	2 1/8	4 5/8	2 5/8	186.00
16.00	15.80	IDC 6-8V1600J	J	A-3	1 1/8	4 5/8	1 3/8	129.00	IDC 8-8V1600J	J	A-2	2 1/8	4 5/8	2 5/8	210.00
17.00	16.80	IDC 6-8V1700J	J	A-3	1 1/8	4 5/8	1 3/8	136.00	IDC 8-8V1700M•	M	A-2	2 11/32	6 3/4	9/32	221.00
18.00	17.80	IDC 6-8V1800J	J	A-3	1 1/8	4 5/8	1 3/8	143.00	IDC 8-8V1800M•	M	A-2	2 11/32	6 3/4	9/32	235.00
19.00	18.80	IDC 6-8V1900J	J	A-3	1 1/8	4 5/8	1 3/8	157.00	IDC 8-8V1900M•	M	A-3	2 11/32	6 3/4	9/32	250.00
20.00	19.80	IDC 6-8V2000M•	M	B-3	1 11/32	6 3/4	3 1/32	179.00	IDC 8-8V2000M•	M	A-3	2 11/32	6 3/4	9/32	265.00
21.20	21.00	IDC 6-8V2120M•	M	B-3	1 11/32	6 3/4	3 1/32	193.00	IDC 8-8V2120M•	M	A-3	2 11/32	6 3/4	9/32	280.00
22.40	22.20	IDC 6-8V2240M•	M	B-3	1 11/32	6 3/4	3 1/32	205.00	IDC 8-8V2240M•	M	A-3	2 11/32	6 3/4	9/32	295.00
24.80	24.60	IDC 6-8V2480M•	M	A-3	1 1/32	6 3/4	1/32	235.00	IDC 8-8V2480N•	N	A-2	3/16	8 1/8	1 1/16	320.00
30.00	29.80	IDC 6-8V3000M•	M	A-3	1 1/32	6 3/4	1/32	285.00	IDC 8-8V3000N•	N	A-3	3/16	8 1/8	1 1/16	375.00
35.50	35.30	IDC 6-8V3550N•	N	C-3	1 5/16	8 1/8	1/16	340.00	IDC 8-8V3550N•	N	A-3	3/16	8 1/8	1 1/16	442.00
40.00	39.80	IDC 6-8V4000N•	N	C-3	1 5/16	8 1/8	1/16	394.00	IDC 8-8V4000N•	N	A-3	3/16	8 1/8	1 1/16	530.00

*Suffix on Type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Order bushings separately from pages 5-6.

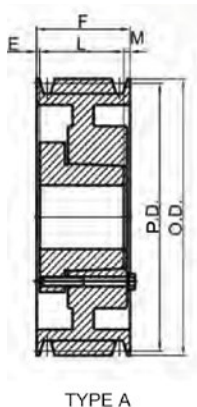
• M-N-P-W bushings use standard mounting only with these sheaves.
See page 45 for installation instructions.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required. Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

IDC SELECT® SHEAVES & BUSHINGS

QD® SHEAVES

HEAVY DUTY TEN GROOVE 8V QD® SHEAVES



Diameters		10 Groove F = 11 ⁵ / ₈						
O.D.	P.D.	Part No.	Bush	Type*	E	L	M	Weight (lb)
12.50	12.30	IDC 10-8V1250J	J	A-1	2 ¹ / ₈	4 ⁵ / ₈	4 ⁷ / ₈	155.00
13.20	13.00	IDC 10-8V1320J	J	A-1	2 ¹ / ₈	4 ⁵ / ₈	4 ⁷ / ₈	190.00
14.00	13.80	IDC 10-8V1400J	J	A-1	2 ¹ / ₈	4 ⁵ / ₈	4 ⁷ / ₈	210.00
15.00	14.80	IDC 10-8V1500M•	M	A-1	2 ¹¹ / ₃₂	6 ³ / ₄	2 ¹⁷ / ₃₂	266.00
16.00	15.80	IDC 10-8V1600M•	M	A-2	2 ¹¹ / ₃₂	6 ³ / ₄	2 ¹⁷ / ₃₂	256.00
17.00	16.80	IDC 10-8V1700M•	M	A-1	2 ¹¹ / ₃₂	6 ³ / ₄	2 ¹⁷ / ₃₂	281.00
18.00	17.80	IDC 10-8V1800M•	M	A-2	2 ¹¹ / ₃₂	6 ³ / ₄	2 ¹⁷ / ₃₂	290.00
19.00	18.80	IDC 10-8V1900M•	M	A-2	2 ¹¹ / ₃₂	6 ³ / ₄	2 ¹⁷ / ₃₂	301.00
20.00	19.80	IDC 10-8V2000M•	M	A-2	2 ¹¹ / ₃₂	6 ³ / ₄	2 ¹⁷ / ₃₂	325.00
21.20	21.00	IDC 10-8V2120M•	M	A-2	2 ¹¹ / ₃₂	6 ³ / ₄	2 ¹⁷ / ₃₂	340.00
22.40	22.20	IDC 10-8V2240N•	N	A-2	3 ¹ / ₁₆	8 ¹ / ₈	3 ⁵ / ₁₆	365.00
24.80	24.60	IDC 10-8V2480N•	N	A-2	3 ¹ / ₁₆	8 ¹ / ₈	3 ⁵ / ₁₆	390.00
30.00	29.80	IDC 10-8V3000N•	N	A-3	3 ¹ / ₁₆	8 ¹ / ₈	3 ⁵ / ₁₆	435.00

*Suffix on type indicates construction:

1 = Solid 2 = Web 3 = Arm/Spoke

Order bushings separately from pages 5-6.

- M-N-P-W bushings use standard mounting only with these sheaves.
See page 45 for installation instructions.

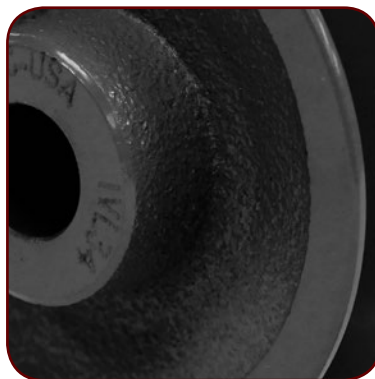
Sheaves are precision machined from gray cast iron, statically balanced, painted with baked enamel finish and individually packaged.

Note: cast iron sheaves may not exceed 6,500 FPM. This speed does not specify if dynamic balancing (2 plane) is required.

Contact IDC Select at info@IDCselect.com to verify whether dynamic balancing is required.

VARIABLE PITCH SHEAVES

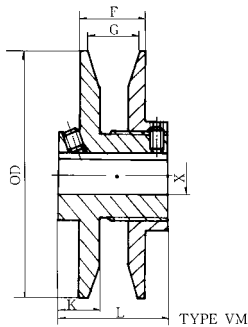
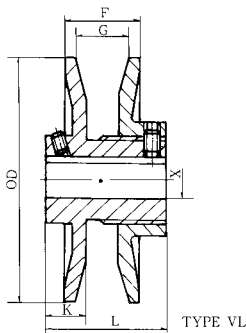
IDC Select® variable pitch sheaves 1VL and 1 & 2VP designs are precision machined from 30 gray cast iron, statically balanced, painted with a baked enamel finish and individually packaged.



IDC SELECT® SHEAVES & BUSHINGS

VARIABLE PITCH SHEAVES

FRACTIONAL HORSEPOWER VARIABLE PITCH SHEAVES 1VL



Part No.	Dimensions (in)							Stock Bores (in)	Weight (lb)
	O.D.	F		G		L	K		
		Max.	Min.	Max.	Min.				
IDC 1VL25	2.50	²⁵ / ₃₂	¹⁷ / ₃₂	⁵ / ₈	³ / ₈	1½	³⁷ / ₆₄	¹ / ₂ , ⁵ / ₈	0.80
IDC 1VL30	2.87	²⁵ / ₃₂	¹⁷ / ₃₂	⁵ / ₈	³ / ₈	1½	³⁷ / ₆₄	¹ / ₂ , ⁵ / ₈	1.00
IDC 1VL34	3.15	1	⁵ / ₈	⁷ / ₈	¹ / ₂	1 ¹¹ / ₁₆	³⁷ / ₆₄	¹ / ₂ , ⁵ / ₈ , ³ / ₄	1.10
IDC 1VL40	3.75	1	⁵ / ₈	⁷ / ₈	¹ / ₂	1 ¹¹ / ₁₆	³⁷ / ₆₄	¹ / ₂ , ⁵ / ₈ , ³ / ₄ , ⁷ / ₈	1.30
IDC 1VL44	4.15	1	⁵ / ₈	⁷ / ₈	¹ / ₂	1 ¹¹ / ₁₆	³⁷ / ₆₄	¹ / ₂ , ⁵ / ₈ , ³ / ₄ , ⁷ / ₈	1.30
IDC 1VM50	4.75	1 ¹ / ₁₆	1 ¹ / ₁₆	⁷ / ₈	¹ / ₂	1 ⁷ / ₈	2 ¹ / ₃₂	¹ / ₂ , ⁵ / ₈ , ³ / ₄ , ⁷ / ₈	2.80

Cast iron sheaves - fractional horsepower, variable pitch
Bored to size
One groove
VL Sheaves

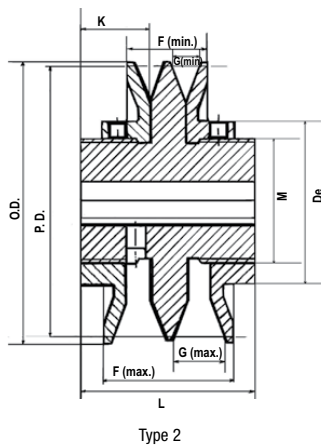
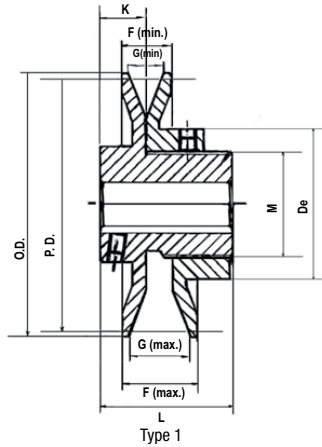
Order part number size
Example: 1VL25-⁵/₈

VL Sheaves may be used with 3L, 4L, 5L, A, and B Belts.
All VL Sheaves are furnished with standard keyway and setscrew.

IDC SELECT® SHEAVES & BUSHINGS

VARIABLE PITCH SHEAVES

VARIABLE PITCH SHEAVES 1VP



VARIABLE PITCH SHEAVES

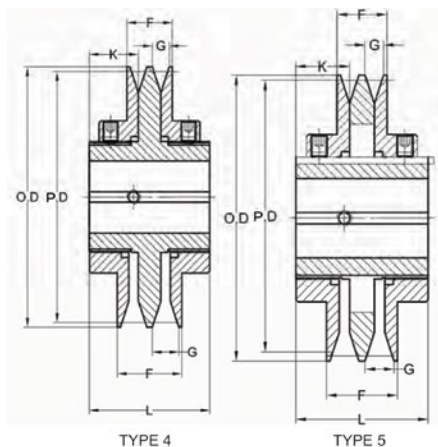
Part No.	Single Groove Dimensions (in)								Stock Bores (in)	Weight (lb)
	Type	O.D.	F		G		L	K		
			Max.	Min.	Max.	Min.				
IDC 1VP25	1	2.32	13/16	9/16	5/8	3/8	1 19/32	1 5/8	1/2, 5/8, 3/4	0.70
IDC 1VP30	1	2.87	13/16	9/16	5/8	3/8	1 2/3	1 5/8	1/2, 5/8, 3/4	1.10
IDC 1VP34	1	3.15	1	1 1/16	13/16	1/2	1 7/8	2 25/32	1/2, 5/8, 3/4, 7/8	1.40
IDC 1VP40	1	3.75	1 1/16	1 1/16	7/8	1/2	1 7/8	2 2/3	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.90
IDC 1VP44	1	4.15	1 1/16	1 1/16	7/8	1/2	1 7/8	2 2/3	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	2.40
IDC 1VP50	1	4.75	1 1/16	1 1/16	7/8	1/2	2	2 25/32	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	2.90
IDC 1VP56	1	5.35	1 1/16	1 1/16	7/8	1/2	2	2 25/32	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	3.80
IDC 1VP60	2	6.00	1 1/4	7/8	1 1/32	2/3	2 25/32	1 17/20	5/8, 3/4, 7/8, 1 1/8, 1 3/8, 1 5/8	6.50
IDC 1VP62	2	5.95	1 1/8	3/4	7/8	1/2	2	2 25/32	5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4, 1 3/8	6.10
IDC 1VP65	2	6.50	1 1/4	7/8	1 1/32	2/3	2 25/32	1 17/20	3/4, 7/8, 1 1/8, 1 3/8	6.80
IDC 1VP68	2	6.55	1 1/8	3/4	7/8	1/2	2	2 25/32	5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4, 1 3/8	7.30
IDC 1VP71	2	7.10	1 1/4	7/8	1 1/32	2/3	2 25/32	1 17/20	3/4, 7/8, 1 1/8, 1 3/8, 1 5/8	8.20
IDC 1VP75	2	7.50	1 1/4	7/8	1 1/32	2/3	2 25/32	1 17/20	3/4, 7/8, 1 1/8, 1 3/8, 1 5/8	9.20

Complete with keyway and setscrews.

IDC SELECT® SHEAVES & BUSHINGS

VARIABLE PITCH SHEAVES

VARIABLE PITCH SHEAVES 2VP



VARIABLE PITCH SHEAVES

Part No.	Two Groove Dimensions (in)								Stock Bores (in)	Weight (lb)
	Type	O.D.	F		G		L	K		
			Max.	Min.	Max.	Min.				
IDC 2VP36	4	3.35	2	1⅜	1⅜ ₁₆	½	3	1⅜ ₁₆	½, ⅝, ¾, ⅞, 1, 1⅛	3.40
IDC 2VP42	4	3.95	2⅛	1⅜	⅞	½	3	1⅜ ₁₆	⅝, ¾, ⅞, 1, 1⅛	4.40
IDC 2VP50	5	4.75	2⅛	1⅜	⅞	½	3	1⅜ ₁₆	⅝, ¾, ⅞, 1, 1⅛	6.30
IDC 2VP56	5	5.35	2⅛	1⅜	⅞	½	3	1⅜ ₁₆	⅝, ¾, ⅞, 1, 1⅛	7.80
IDC 2VP60	5	6.00	2⅜	1⅝	1⅜ ₃₂	⅔	3¼	1¼	¾, ⅞, 1, 1⅛, 1⅜, 1⅝	10.60
IDC 2VP62	5	5.95	2⅛	1⅜	⅞	½	3	1⅜ ₁₆	¾, ⅞, 1, 1⅛, 1⅜, 1⅝	10.00
IDC 2VP65	5	6.50	2⅜	1⅝	1⅜ ₃₂	⅔	3¼	1¼	¾, ⅞, 1⅛, 1⅜, 1⅝	12.30
IDC 2VP68	5	6.55	2⅛	1⅜	⅞	½	3	1⅜ ₁₆	¾, ⅞, 1, 1¼, 1⅜, 1⅝	11.70
IDC 2VP71	5	7.10	2⅜	1⅝	1⅜ ₃₂	⅔	3¼	1¼	¾, ⅞, 1⅛, 1⅜, 1⅝	14.60
IDC 2VP75	5	7.50	2⅜	1⅝	1⅜ ₃₂	⅔	3¼	1¼	¾, ⅞, 1⅛, 1⅜, 1⅝	16.50

Complete with keyway and setscrews.

IDC SELECT® SHEAVES & BUSHINGS

TECHNICAL INFORMATION

ENGLISH STANDARD MEASURES

Long Measure

1 mile = 1760 yards = 5280 feet
1 yard = 3 feet = 36 inches
1 foot = 12 inches

Square Measure

1 square mile = 640 acres = 6400 square chains
1 acre = 10 square chains = 4840 square yards = 43,560 square feet
1 square rod = 30.25 square yards = 272.25 square feet = 625 square links
1 square yard = 9 square feet
1 square foot = 144 square inches
An acre is equal to a square, the side of which is 208.7 feet

Dry Measure

1 bushel (U.S. or Winchester struck bushel) = 1.2445 cubic foot = 2150.42 cubic inches
1 bushel = 4 pecks = 32 quarts = 64 pints
1 peck = 8 quarts = 16 pints
1 quart = 2 pints
1 heaped bushel = 1¼ struck bushel
1 cubic foot = 0.8036 struck bushel
1 British Imperial bushel = 8 Imperial gallons = 1.2837 cubic foot = 2218.19 cubic inches

Liquid Measure

1 U.S. gallon = 0.1337 cubic foot = 231 cubic inches = 4 quarts = 8 pints
1 quart = 2 pints = 8 gills
1 pint = 4 gills
1 British Imperial gallon = 1.2003 U.S. gallons = 277.27 cubic inches
1 cubic foot = 7.48 U.S. gallons
1 barrel = 31.5 U.S. gallons

GENERAL ENGINEERING INFORMATION METRIC SYSTEM OF MEASUREMENTS

The principle units are the meter for length, the liter for capacity, and the gram for weight.

The following prefixes are used for sub-divisions and multiples: milli = $\frac{1}{1000}$;

cent = $\frac{1}{100}$; deci = $\frac{1}{10}$; deca = 10; hecto = 100; kilo = 1000.

Measure of length

10 millimeters (mm) = 1 centimeter (cm)
10 centimeters = 1 decimeter (dm)
10 decimeters = 1 meter (m)
100 meters = 1 kilometer (km)

Measures of Weight

10 milligrams (mg) = 1 centigram (cg)
10 centigrams = 1 decigram (dg)
10 decigrams = 1 gram (g)
10 grams = 1 decagram (dg)
10 decagrams = 1 hectogram (hg)
10 hectogram = 1 kilogram (kg)
1000 kilograms = 1 (metric) ton (T)

Square Measure Cubic Measure

100 sq. millimeters (mm²) = 1 centigram (cg)
10 sq. centimeters = 1 sq. decimeter (dm²)
100 sq. decimeters = 1 sq. meter (m²)
1000 cu. millimeters (mm³) = 1 cu. centimeter (cm³)
1000 cu. centimeters = 1 cu. decimeter (dm³)
100 cu. decimeters = 1 cu. meter (m³)

Dry and Liquid Measure

10 milliliters (ml) = 1 centiliter (cl)
10 centiliters = 1 deciliter (dl)
100 liters = 1 hectoliter (hl)
1 liter = 1 cu. decimeter = the volume of 1 kg of pure water at a temperature of 39.2 degrees F.

Length Conversion Constants for Metric and U.S. Units

Millimeters x .039370 = inches
Meters x 39.370 = inches
Meters x 3.2808 = feet
Meters x 1.09361 = yards
Kilometers x 3280.8 feet
Kilometers x 62137 = statute miles
Kilometers x 53959 = nautical miles
Inches x 25.4001 = millimeters
Inches x .0254 = meters
Feet x .30480 = meters
Yards x .91440 = meters
Feet x .0003048 = kilometers
Statute miles x 1.60935 = kilometers
Nautical miles x 1.85325 = kilometers

IDC SELECT® SHEAVES & BUSHINGS

TECHNICAL INFORMATION

Circular and Angular Measure

60 seconds (") = 1 minute(')
60 minutes = 1 degree (°)
360 degrees = 1 circumference (C)
57.3 degrees = 1 radian
2 p radians = 1 circumference (C)

Temperature

The following equations are useful for converting temperature from one system to another:

F = degrees Fahrenheit; C = degrees Centigrade

Deg. C = (Deg. F - 32) x $\frac{5}{9}$

Deg. F = (Deg. C x $\frac{9}{5}$) + 32

Avoirdupois or Commercial Weight

1 gross or long ton = 2240 pounds
1 net or short ton = 2000 pounds
1 pound = 16 ounces = 7000 grains
1 ounce = 16 drams = 437.5 grains

Weight Conversion Constants for Metric and U.S. Units

Grams x 981 = dynes
Grams x 15.432 = grains
Grams x .03527 = ounces (Avd.)
Grams x 0.33818 = fluid ounces (water)
Kilograms x 35.27 ounces (Avd.)
Kilograms x 2.20462 = pounds (Avd.)
Metric tons (1000 kg) x 1.0231 = Net ton (2000 lbs.)
Metric tons (1000 kg) x .98421 = gross tons (2240 lbs.)

Dynes x .0010193 = grams
Grains x .0648 = grams
Ounces (Avd.) x 28.35 = grams
Fluid ounces (Water) x 29.57 = grams
Ounces (Avd.) x .02835 kilograms
Pounds (Avd.) x .45359 = kilograms
Net ton (2000 lbs) x .90719 = metric tons (1000 kg)
Gross ton (2240 lbs) x 1.01605 = Metric tons (1000 kg)

Area Conversion Constants for Metric and U.S. Units

Square millimeters x .00155 = sq. inches
Square centimeters x .155 = sq. inches
Square meters x 10.76387 = sq. feet
Square meters x 1.19599 = sq. yards
Hectares x 2.47104 = acres
Square kilometers x 247.104 = acres
Square kilometers x .3861 = sq. miles

Square inches x 645.163 = sq. millimeters
Square inches x 6.45163 = sq. centimeters
Square feet x .0929 = sq. meters
Square yards x .83613 = square meters
Acres x .40469 = hectares
Acres x .0040469 = sq. kilometers
Square miles x 2.5899 = sq. kilometers

Volume Conversion Constants for Metric and U.S. Units

Cubic centimeters x .033818 = fluid ounces
Cubic centimeters x .061023 = cubic inches
Cubic centimeters x .271 = fluid drams
Liters x 61.023 = cubic inches
Liters x 1.05668 = quarts
Liters x .26417 = gallons
Liters x .035317 = cubic feet
Hectoliters x 26.417 = gallons
Hectoliters 3.5317 = cubic feet
Hectoliters x 2.83794 = bushel
Hectoliters x .1308 cubic yards
Cubic meters x 264.17 = gallons
Cubic meters x 35.317 = cubic feet
Cubic meters x 1.308 = cubic yards

Fluid ounces x 29.57 = cubic centimeters
Cubic inches x 16.387 = cubic centimeters
Fluid drams x 3.69 = cubic centimeters
Cubic inches x .016387 = liters
Quarts x .94636 = liters
Gallons x 3.78543 = liters
Cubic feet x 28.316 = liters
Gallons x .0378543 = hectoliters
Cubic feet x 283.16 = hectoliters
Bushels x .352379 = hectoliters
Cubic yards x 7.645 = hectoliters
Gallons x .00378543 = cubic meters
Cubic feet x .028316 = cubic meters
Cubic yards x .7645 = cubic meters

IDC SELECT® SHEAVES & BUSHINGS

TECHNICAL INFORMATION

HOW TO USE:

To convert inches to mm, read across to the inch dimension and down to the fraction/decimal.
The number shown where they intersect is its value in mm. For example, 2¼" = 57.15 mm.

inch		0	1	2	3	4	5	6	7	8	9	10
Fraction	Decimal	mm										
0	0.00000	0.000	25.400	50.800	76.200	101.600	127.000	152.400	177.800	203.200	228.600	254.000
1/64	0.015625	0.397	25.797	51.197	76.597	101.997	127.397	152.797	178.197	203.597	228.997	254.397
1/32	0.031250	0.794	26.194	51.594	76.994	102.394	127.794	153.194	178.594	203.994	229.394	254.794
3/64	0.046875	1.191	26.591	51.991	77.391	102.791	128.191	153.591	178.991	204.391	229.791	255.191
1/16	0.062500	1.588	26.988	52.388	77.788	103.188	128.588	153.988	179.388	204.788	230.188	255.588
5/64	0.078125	1.984	27.384	52.784	78.184	103.584	128.984	154.384	179.784	205.184	230.584	255.984
3/32	0.093750	2.381	27.781	53.181	78.581	103.981	129.381	154.781	180.181	205.581	230.981	256.381
7/64	0.109375	2.778	28.178	53.578	78.978	104.378	129.778	155.178	180.578	205.978	231.378	256.778
1/8	0.125000	3.175	28.575	53.975	79.375	104.775	130.175	155.575	180.975	206.375	231.775	257.175
9/64	0.140625	3.572	28.972	54.372	79.772	105.172	130.572	155.972	181.372	206.772	232.172	257.572
5/32	0.156250	3.969	29.369	54.769	80.169	105.569	130.969	156.369	181.769	207.169	232.569	257.969
11/64	0.171875	4.366	29.766	55.166	80.566	105.966	131.366	156.766	182.166	207.566	232.966	258.366
3/16	0.187500	4.762	30.163	55.563	80.963	106.363	131.763	157.163	182.563	207.963	233.363	258.763
13/64	0.203125	5.159	30.559	55.959	81.359	106.759	132.159	157.559	182.959	208.359	233.759	259.159
7/32	0.218750	5.556	30.956	56.356	81.756	107.156	132.556	157.956	183.356	208.756	234.156	259.556
15/64	0.234373	5.953	31.353	56.753	82.153	107.553	132.953	158.353	183.733	209.153	234.553	259.953
1/4	0.250000	6.350	31.750	57.150	82.550	107.950	133.350	158.750	184.150	209.550	234.950	260.350
17/64	0.265625	6.747	32.147	57.547	82.947	108.347	133.747	159.147	184.547	209.947	235.347	260.747
9/32	0.281250	7.144	32.544	57.944	83.344	108.744	134.144	159.544	184.944	210.344	235.744	261.144
19/64	0.296875	7.541	32.941	58.341	83.741	109.141	134.541	159.941	185.341	210.741	236.141	261.541
5/16	0.313500	7.938	33.338	58.738	84.138	109.538	134.938	160.338	185.738	211.138	236.538	261.938
21/64	0.328125	8.334	33.734	59.134	84.534	109.934	135.334	160.734	186.134	211.534	236.934	262.334
11/32	0.343750	8.731	34.131	59.531	84.931	110.331	135.731	161.131	186.531	211.931	237.331	262.731
23/64	0.359375	9.128	34.528	59.928	85.328	110.728	136.128	161.528	186.928	212.328	237.728	263.128
3/8	0.375000	9.525	34.925	60.325	85.725	111.125	136.525	161.925	187.325	212.725	238.125	263.525
25/64	0.390625	9.922	35.322	60.722	86.122	111.522	136.922	162.322	187.722	213.122	238.522	263.922
13/32	0.406250	10.319	35.719	61.119	86.519	111.919	137.319	162.719	188.119	213.519	238.919	264.319
27/64	0.421875	10.716	36.116	61.516	86.916	112.316	137.716	163.116	188.516	213.916	239.316	264.716
7/16	0.437500	11.113	36.513	61.913	87.313	112.713	138.113	163.513	188.913	214.313	239.713	265.113
29/64	0.453125	11.509	36.909	62.309	87.709	113.109	138.509	163.909	189.309	214.709	240.109	265.509
15/32	0.468750	11.906	37.306	62.706	88.106	113.506	138.906	164.306	189.706	215.106	240.506	265.906
31/64	0.484375	12.303	37.703	63.103	88.503	113.903	139.303	164.703	190.103	215.503	240.903	266.303
1/2	0.500000	12.700	38.100	63.500	88.900	114.300	139.700	165.100	190.500	215.900	241.300	266.700
33/64	0.515625	13.097	38.497	63.897	89.297	114.697	140.097	165.497	190.897	216.297	241.697	267.097
17/32	0.531250	13.494	38.894	64.294	89.694	115.094	140.494	166.894	191.294	216.694	242.094	267.494
35/64	0.546875	13.891	39.291	64.691	90.091	115.491	140.891	166.291	191.691	217.091	242.491	267.891
9/16	0.562500	14.288	39.688	65.088	90.488	115.888	141.288	166.688	192.088	217.488	242.888	268.288
37/64	0.578125	14.684	40.084	65.484	90.884	116.284	141.684	167.084	192.484	217.884	243.284	268.684
19/32	0.593750	15.081	40.481	65.881	91.281	116.681	142.081	167.481	192.881	218.281	243.681	269.081
39/64	0.609375	15.478	40.878	66.278	91.678	117.078	142.478	167.878	193.278	218.678	244.078	269.478
5/8	0.625000	15.875	41.275	66.675	92.073	117.475	142.875	168.275	193.675	219.075	244.475	269.875
41/64	0.640625	16.272	41.672	67.072	92.472	117.872	143.272	168.672	194.072	219.472	244.872	270.272
21/32	0.656250	16.609	42.069	67.469	92.860	118.269	143.669	169.009	194.469	219.869	245.269	270.669
43/64	0.671875	17.066	42.466	67.866	93.266	118.666	144.066	169.466	194.866	220.266	245.666	271.066
11/16	0.687500	17.463	42.863	68.203	93.663	119.063	144.463	169.863	195.263	220.663	246.063	271.463
15/64	0.703125	17.859	43.259	68.659	94.059	119.459	144.859	170.259	195.659	221.059	246.459	271.859
23/32	0.718750	18.256	43.656	69.056	94.456	119.856	145.256	170.656	196.056	221.456	246.856	272.256
47/64	0.734375	18.653	44.053	69.453	94.853	120.253	145.653	171.053	196.453	221.853	247.253	272.653
3/4	0.750000	19.050	44.450	69.850	95.250	120.650	146.050	171.450	196.850	222.250	247.650	273.050
49/64	0.765625	19.447	44.847	70.247	95.647	121.047	146.447	171.847	197.247	222.647	248.047	273.447
25/32	0.781250	19.844	45.244	70.644	96.044	121.444	146.844	172.244	197.644	223.044	248.444	273.844
51/64	0.796875	20.241	45.641	71.041	96.441	121.841	147.241	172.641	198.041	223.441	248.841	274.241
13/16	0.812500	20.638	46.038	71.438	96.838	122.238	147.638	173.038	198.438	223.838	249.238	274.638
53/64	0.828125	21.034	46.434	71.834	97.234	122.634	148.034	173.434	198.834	224.234	249.634	275.034
27/32	0.843750	21.431	46.831	72.231	97.631	123.031	148.431	173.831	199.231	224.631	250.031	275.431
55/64	0.859375	21.828	47.228	72.628	98.028	123.428	148.828	174.228	199.628	225.028	250.428	275.828
7/8	0.875000	22.225	47.625	73.025	98.425	123.825	149.225	174.625	200.023	225.425	250.825	276.225
57/64	0.890625	22.622	48.022	73.422	98.822	124.222	149.622	175.022	200.422	225.822	251.222	276.622
29/32	0.906250	23.019	48.419	73.819	99.219	124.619	150.019	175.419	200.819	226.219	251.619	277.019
59/64	0.921875	23.416	48.816	74.216	99.616	125.016	150.416	175.816	201.216	226.616	252.016	277.416
15/16	0.937500	23.813	49.213	74.613	100.013	125.413	150.813	176.213	201.613	227.013	252.413	277.813
61/64	0.953125	24.209	49.609	75.009	100.409	125.809	151.209	176.609	202.009	227.409	252.809	278.209
31/32	0.968750	24.606	50.006	75.406	100.806	126.206	151.606	177.006	202.406	227.806	253.206	278.606
63/64	0.984375	25.003	50.403	75.803	101.203	126.603	152.003	177.403	202.803	228.203	253.603	279.003

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