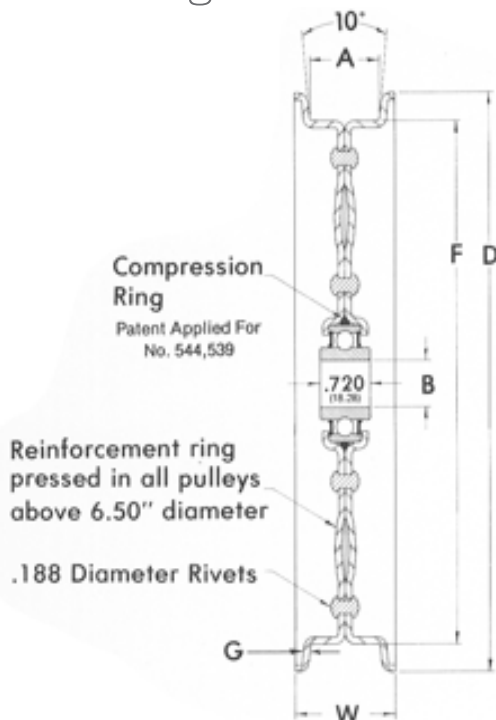


Single Row Bearing Idler Pulleys

Don Dye pressed steel pulleys are designed to make a complete, economical, self contained unit for either flat or "V" side of belt. They are furnished with a single-row, radial-type, highest quality precision ground, pre-lubricated ball bearing (made of 52100 bearing steel) with contact-type seals to insure positive retention of lubricant and full protection against dirt, dust or foreign matter. These bearings contain a 60% fill of high temperature grease, no re-lubrication required. The ball bearing inner ring is extended on both sides to provide clearance for abutting parts and greater support on the shaft. A compression ring (USA Patent No. 4518372) is compressed between the center O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulleys to bearing. This helps distribute loads from the pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D. Our tests have proven this method of bearing installation to give longer and more reliable bearing life. With little or no alterations, these belt pulleys can be adapted to new designs or to existing machine.

Flat Flanged Idlers



APPLICATIONS FOR IDLER PULLEYS

- Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested.
- Pulleys are riveted for strength and durability- No spot welding is used.
- Feature smoothly rolled out edges which eliminate belt chafing and scuffing
- "Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position.
- Zinc Plated

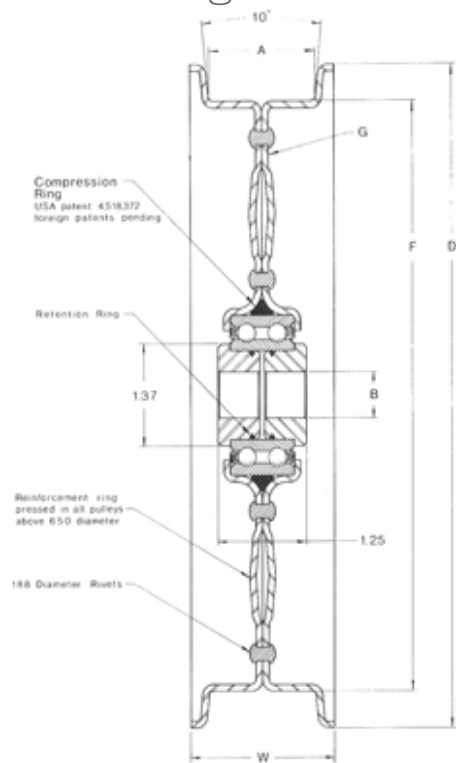
PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
26FFI-52*	Inch	1.61	Fitted with 1/2" Removable Reduction Bush - 3/8" Bush Available	3.25	2.06	3.25	1	6	14	0.75
	mm	40.89		82.55	52.32	82.55				0.34
ABFI-54	Inch	.74		3.35	1.12	2.75	1	6	14	0.75
	mm	18.80		85.10	28.45	69.85				0.34
ABFI-64	Inch	0.75		4.00	1.12	3.38	1	6	14	0.83
	mm	19.05		101.60	28.44	85.85				0.38
26FI-64	Inch	1.62		4.00	2.06	3.38	1	6	14	1.00
	mm	41.15		101.6	52.32	85.85				0.45
ABFI-76	Inch	0.75		4.75	1.12	4.00	2	18	14	1.09
	mm	19.05		120.65	28.44	101.60				0.49
BCFI-76	Inch	1.00		4.75	1.43	4.00	2	18	14	1.14
	mm	25.40		120.65	36.51	01.60				0.52
GAIISFI-88	Inch	0.62		5.5	0.85	5	2	18	14	
	mm	15.87		139.7	21.6	127				
BCFI-92	Inch	1.00		5.75	1.43	5.00	2	18	14	1.55
	mm	25.40		146.05	36.51	127.00				0.7
FPB2A-92	Inch	1.31	5.75	1.75	5.00	2	18	14	1.7	
	mm	33.27	146.05	44.45	127.00				0.77	

Double Row Bearing Idler Pulleys

This Don Dye line of heavy duty double row ball bearing flat, flanged, and V groove idlers was developed to handle heavier loads that exceed the capacity of single row ball bearing idlers. The double row idlers are more stable when side loads or off center loads occur.

They are available with 3/8", 1/2", 5/8" and 3/4" bolt mounting. These riveted idlers are constructed from 13 gauge material. The high quality precision bearings made of 52100 bearing steel are pre-lubricated, have contact type seals for retention of high temperature lubricant to ensure protection against dust, dirt or other foreign matter. No re-lubrication is required. A compression ring is compressed between center of O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D, (USA patent 4518372 foreign patents pending). Our tests have proven this method of bearing installation to give longer and more reliable bearing life.

Flat Flanged Idlers



APPLICATIONS FOR IDLER PULLEYS

- Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested.
- Pulleys are riveted for strength and durability- No spot welding is used.
- Feature smoothly rolled out edges which eliminate belt chafing and scuffing
- "Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position.
- Zinc Plated

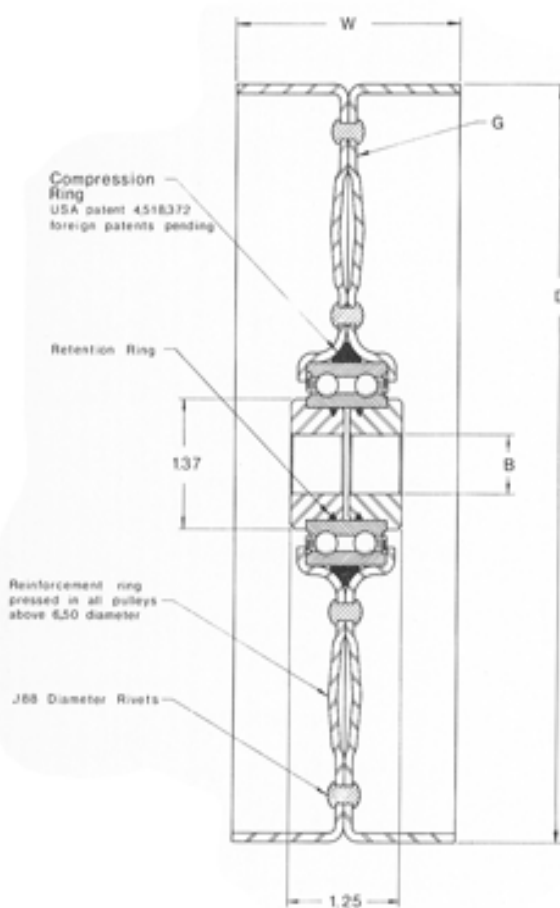
PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
2S43FI-116	Inch	2.75	To Suit Reduction Bush - 3/8", 1/2", 5/8, 3/4"	7.5	3	6.5	2	18	13.00	3.30
	mm	69.85		190.5	76.2	165.1				1.5
208032092	Inch	2.00		5.75	2.48	5	2	18	13.00	2.62
	mm	50.80		146.05	63.10	127				1.19
209626108	Inch	1.62		6.75	2.06	6	2	18	13.00	3.04
	mm	41.14		171.45	52.40	152.4				1.4
209632108	Inch	2.00		6.75	2.48	6	2	18	13.00	3.27
	mm	50.80		171.45	63.10	152.4				1.48
212824144	Inch	1.50		9.00	2.03	8	2	18	13.00	4.55
	mm	38.10		228.60	51.56	230.2				2.07
212832144	Inch	2.00		9.00	2.57	8	2	18	13.00	4.89
	mm	50.80		228.60	65.27	203.2				2.22
212842160	Inch	2.62		10.00	3.31	8	2	18	13.00	6.58
	mm	66.65		254.00	84.07	203.2				2.99
212852160	Inch	3.25		10.00	3.87	8	2	18	13.00	6.81
	mm	82.55		254.00	98.30	203.02				3.09

Double Row Bearing Idler Pulleys

This Don Dye line of heavy duty double row ball bearing flat, flanged, and V groove idlers was developed to handle heavier loads that exceed the capacity of single row ball bearing idlers. The double row idlers are more stable when side loads or off center loads occur.

They are available with 3/8", 1/2", 5/8" and 3/4" bolt mounting. These riveted idlers are constructed from 13 gauge material. The high quality precision bearings made of 52100 bearing steel are pre-lubricated, have contact type seals for retention of high temperature lubricant to ensure protection against dust, dirt or other foreign matter. No re-lubrication is required. A compression ring is compressed between center of O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D, (USA patent 4518372 foreign patents pending). Our tests have proven this method of bearing installation to give longer and more reliable bearing life.

Flat Faced Idlers



APPLICATIONS FOR IDLER PULLEYS

- Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested.
- Pulleys are riveted for strength and durability- No spot welding is used.
- Feature smoothly rolled out edges which eliminate belt chafing and scuffing
- "Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position.
- Zinc Plated

PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
208032080	Inch	2.00	To Suit Reduction Bush - 3/8", 1/2", 5/8, 3/4"	5.00	2.00	5.00	2	18.00	13.00	2.32
	mm	50.80		127.00	50.80	127.00				1.05
208036080	Inch	2.25		5.00	2.25	5.00	2	18.00	13.00	2.41
	mm	57.15		127.00	57.15	127.00				1.10
208040080	Inch	2.50		5.00	2.50	5.00	2	18.00	13.00	2.51
	mm	63.50		127.00	63.50	127.00				1.14
208048080	Inch	3.00		5.00	3.00	5.00	2	18.00	13.00	2.66
	mm	76.20		127.00	76.20	127.00				1.21