

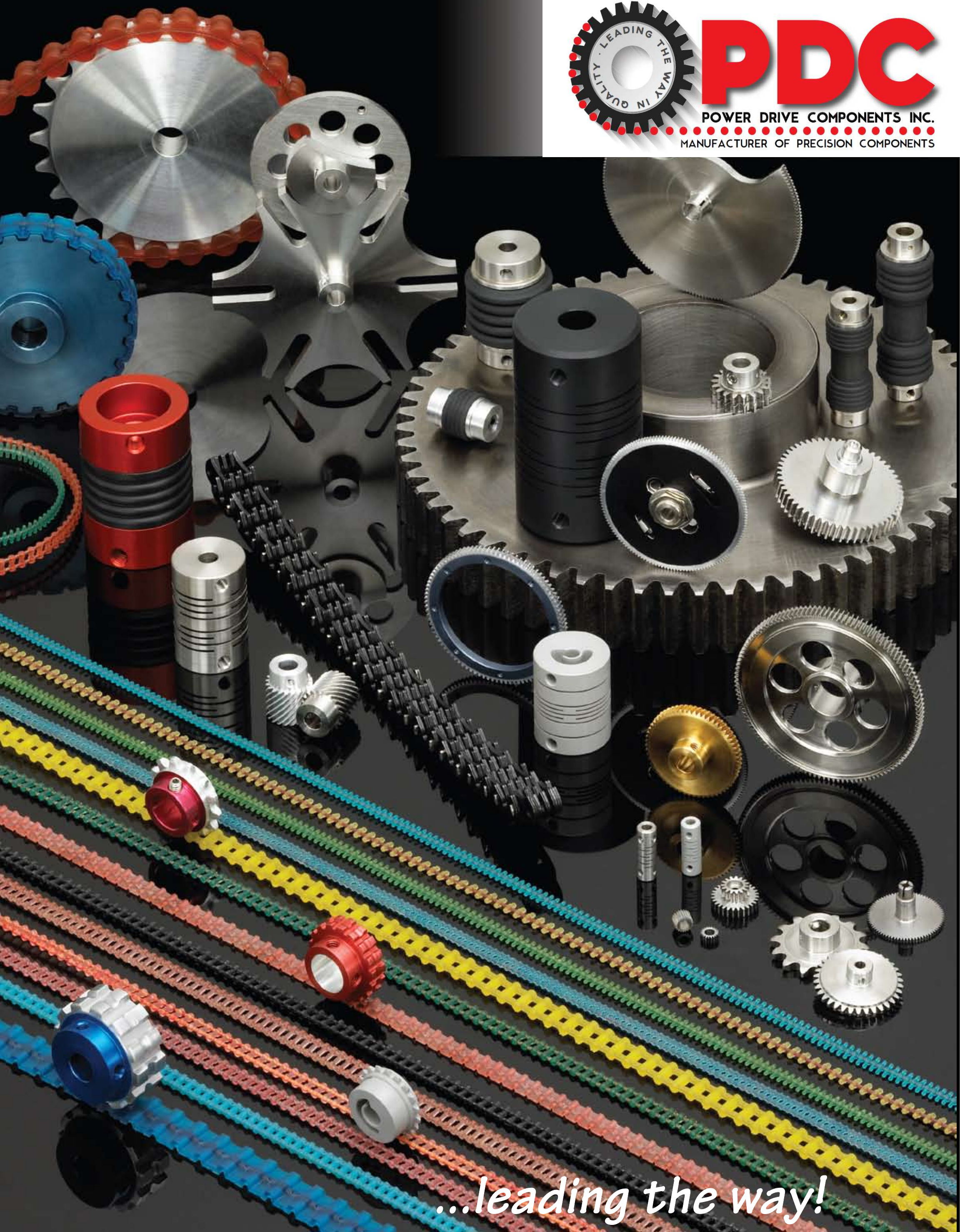
Quality! Perfect Quality! Perfect Quality! Perfect Quality!



**PDC**

POWER DRIVE COMPONENTS INC.

MANUFACTURER OF PRECISION COMPONENTS



*...leading the way!*

**Power Drive Components, Inc.**

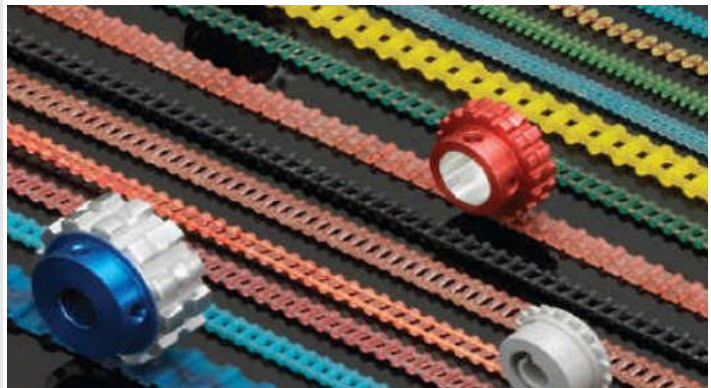
Tel (631) 393-6767 Fax (631) 393-6769 57 Florida Street [www.powerdrivecomponentsinc.com](http://www.powerdrivecomponentsinc.com)  
Farmingdale, NY 11735

# Power Drive Components, Inc.

## Injection Molding



Our unique design allows us to be on a JIT mode combining quick turn-around and a cost savings of up to 30% guaranteed on the belts and chains that we manufacture.

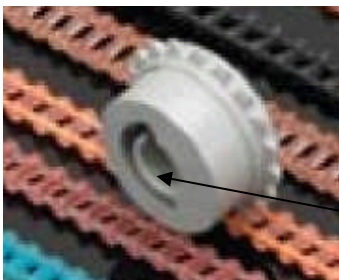


## Gear Cutting

Put 35 years of gear cutting experience to work for you. Whether it's a sprocket, helical, worm, worm wheel or internal gear - we're skilled at it!




Custom Gears



**NEW PRODUCT (C CLAMP HUB FOR EASY ASSEMBLY ONLY BY POWER DRIVE)**

NEW PRODUCT

## 48 PITCH NANO BELT

1.  IDEAL FOR NANO APPLICATION ROBOTICS, MEDICAL
2. AVAILABLE IN MEDICAL GRADE MATERIAL

For more detail go to the web at [www.powerdrivecomponentsinc.com](http://www.powerdrivecomponentsinc.com)

Send all your request to [info@powerdrivecomponentsinc.com](mailto:info@powerdrivecomponentsinc.com)

Contact our sales team at [sales@powerdrivecomponentsinc.com](mailto:sales@powerdrivecomponentsinc.com)

Or call us 631-393-6767 Fax:631-393-6769 or 631-393-6768



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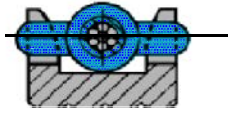
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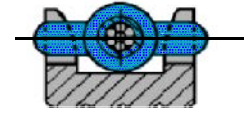
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# POWER DRIVE SYSTEMS



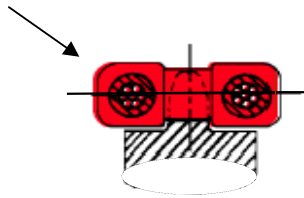
NOW AVAILABLE



NOW AVAILABLE  
32 PITCH

## Cable chain part # DP1S

- .1570 Pitch  
Cable Chain & Sprockets  
20 Pitches =  $\pi$  inches
- Ultimate Tensile Strength  
100 lbs 20 lbs/PIN
- Recommended Operating  
Load 20-25 lbs
- Recommended Max.  
Operating Speed 376 ft./min.

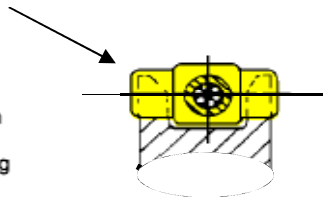


## Available in Aramid fiber

- Parallel Shaft Drives
- Cable Strength & Flexibility
- Silent Positive No Slip Drive
- No Lubrication Required
- Polyurethane (red)

## Cable belt part # DP0S

- .1570 Pitch  
Cable Belt & Sprockets  
20 Pitches =  $\pi$  inches
- Ultimate Tensile Strength  
50 lbs 9 lbs/PIN
- Recommended Operating  
Load 10-12 lbs
- Recommended Max.  
Operating Speed 376 ft./min.

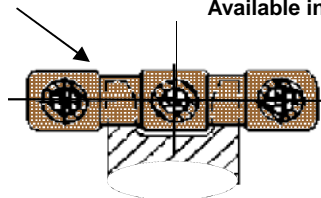


## Available in Aramid fiber

- Odd Angle Shaft Drive
- Twists & Turns
- Non-Parallel Shafts
- Positive No Slip Drives
- Polyurethane (Yellow)
- No Lubrication Required

## Cable chain part # DP3S

- .1570 Pitch  
Dual Chain & Sprockets  
20 Pitches =  $\pi$  inches
- Ultimate Tensile Strength  
100 lbs 30 lbs/PIN
- Recommended Operating  
Load 20-25 lbs
- Recommended Max.  
Operating Speed 376 ft./min.



## Available in Aramid fiber & Stainless Steel

- \* Twin chain
- Parallel Shaft Drives
- 3 Cable Strand Strength
- Positive Drive - No Slip
- No Lubrication Required
- Polyurethane (Brown)

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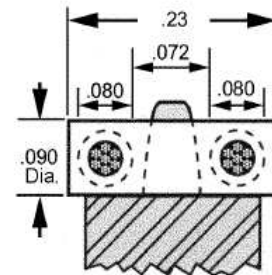
## Notes:

This chain offers zero backlash and extremely smooth operation. Always use as large a sprocket as possible for maximum cable life. *No Lubrication Required.*

### DP2S Series

- Ultimate tensile 100 lbs., 12 lb./pin - when belt is used in open loop configuration (without splice, no crimp bushing).
- Minimum Recommended Sprocket Diameter .750 P.D.
- Recommended Maximum Operating Speed 376 Feet/Min.
- Recommended Operating Load 25 lbs.

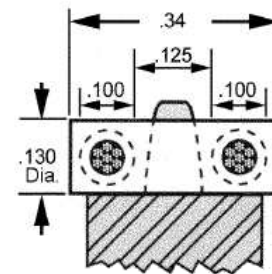
\*\* Reduce Operating Load Rating by 50% for field splices.



### DP25S Series

- Ultimate tensile 100 lbs., 22 lb./pin - when belt is used in open loop
- Minimum Recommended Sprocket Diameter .750 P.D.
- Recommended Maximum Operating Speed 376 Feet/Min.
- Recommended Operating Load 25 lbs.

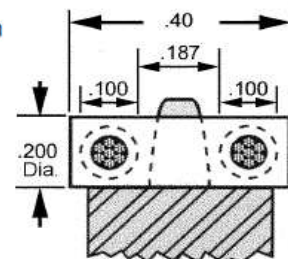
\*\* Reduce Operating Load Rating by 50% for field splices.



### DP35S Series

- Ultimate tensile 200 lbs., 50 lb./pin - when belt is used in open
- Minimum Recommended Sprocket Diameter 1.375" P.D.
- Recommended Maximum Operating Speed 376 Feet/Min.
- Recommended Operating Load 55 lbs.

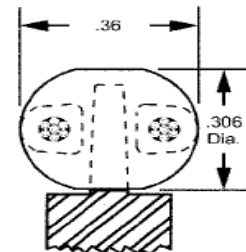
\*\* Reduce Operating Load Rating by 50% for field splices.



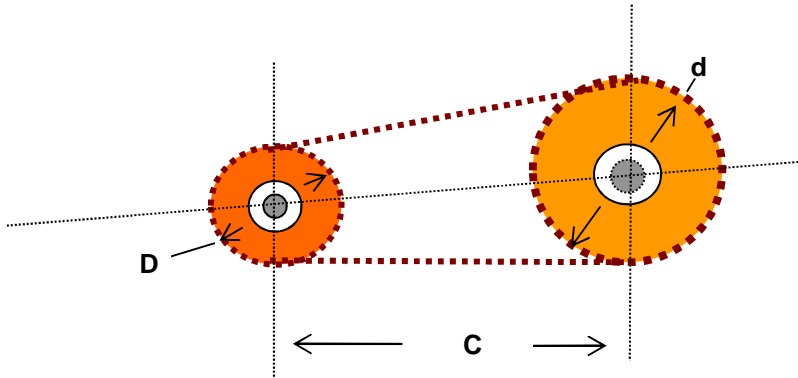
### DP500S-Series

- Ultimate tensile 300 lbs., 70 lb./pin - when belt is used in open loop
- Minimum Recommended Sprocket Diameter 1.760" P.D.
- Recommended Maximum Operating Speed 376 Feet/Min.
- Recommended Operating Load 75 lbs.

\*\* Reduce Operating Load Rating by 50% for field splices.



# BELT CALCULATION FORMULA



## BELT / CHAIN LENGTH CALCULATION

$$L = 2C + 1.57(D+d) + \frac{(D-d)^2}{4C}$$

WHERE :

L = LENGTH OF BELT AT PITCH LINE (IN INCHES)

C = CENTER DISTANCE (IN INCHES)

D = PITCH DIAMETER (IN INCHES) OF LARGE SPROCKET

d = PITCH DIAMETER (IN INCHES) OF SMALL SPROCKET

## BELT / CHAIN PITCH CALCULATION

## HORSE POWER CALCULATION

$$N = \frac{L}{C.P.}$$

$$H.P. = \frac{TN}{63024}$$

$$T = FR$$

WHERE :

N = NUMBER OF PITCHES

L = LENGTH OF BELT (CALCULATED ABOVE)

C.P. = CIRCULAR PITCH

WHERE:

T = TORQUE (IN. LBS)

WHERE:

F = FORCE (LOAD) ON BELTS (LBS)

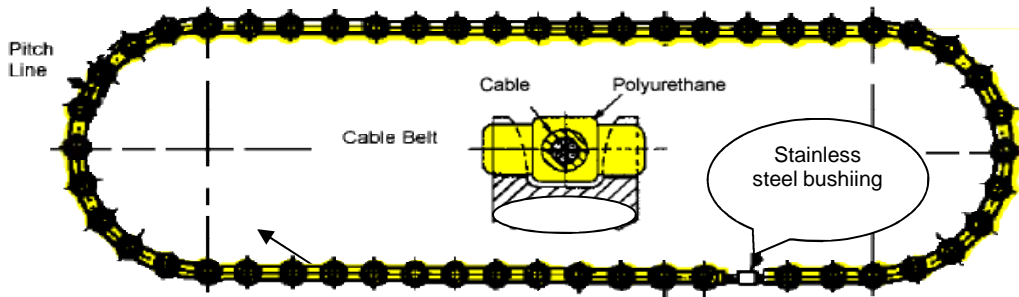
R = PITCH RADIUS OF PULLEY/SPROCKET (IN.)

T = TORQUE (IN. LBS.)

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# POWER DRIVE MINI CABLE BELTS

4mm (.15708 Circular Pitch )



Material St. Steel Reinforced Polyurethane

Zero backlash

Silent chain

No Lubrication needed

Positive drive

Extra strong

1/32 cable st. steel & aramid fiber

Color yellow

Hardness- 90 shore A

Max. Tensile 100 lb on SS

Light weight

Recommended Operating tensile 10-15 Lb.

Weight=0.13 oz/ft

Temp.-15 F + 180 F Available in other material like Hytrel Nylon minimum order 250' ft

Now available in medical grade

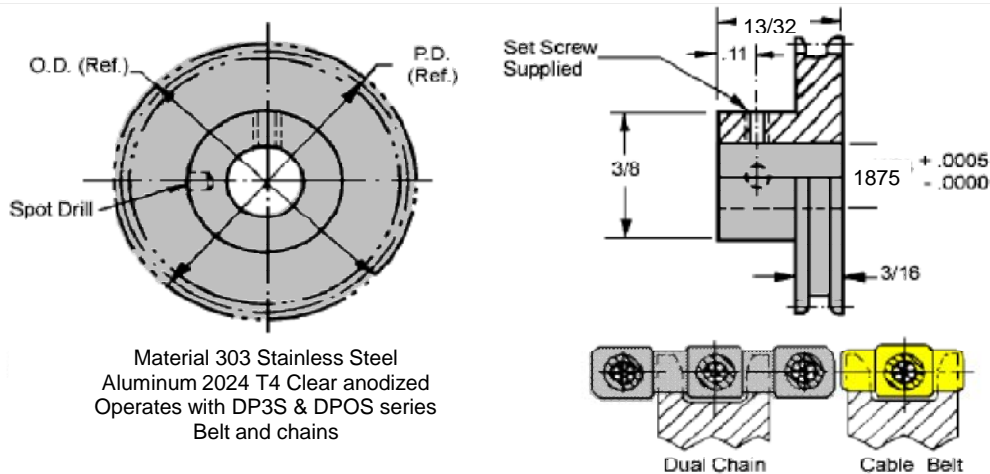
STOCK #	STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE			
DPOS-30	DPOK-30	30	4.712	<b>STOCK #</b>			
DPOS-35	DPOK-35	35	5.497				
DPOS-40	DPOK-40	40	6.283	DPOS-5FT		5FT LENGTH	
DPOS-45	DPOK-45	45	7.068	DPOS-10FT		10FT LENGTH	
DPOS-50	DPOK-50	50	7.854	DPOS-25FT		25FT LENGTH	
DPOS-55	DPOK-55	55	8.639	DPOS-50FT		50FT LENGTH	
DPOS-60	DPOK-60	60	9.424	DPOS-100FT		100FT LENGTH	
DPOS-70	DPOK-70	70	10.995	<b>NOTE:</b> FOR ALL OTHER LENGTH OF BELTS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  EXAMPLE DPOS-440 DPOK-440  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS			
DPOS-80	DPOK-80	80	12.566				
DPOS-90	DPOK-90	90	14.137				
DPOS-100	DPOK-100	100	15.708				
DPOS-110	DPOK-110	110	17.278				
DPOS-120	DPOK-120	120	18.849				
DPOS-130	DPOK-130	130	20.42				
DPOS-140	DPOK-140	140	21.991				
DPOS-150	DPOK-150	150	23.562				
DPOS-160	DPOK-160	160	25.132				

FOR LENGTH OVER 100 FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

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# SPROCKETS

.15708 Circular pitch



Part Number	Number of teeth	Pitch Diameter	Outside diameter
3DP21A-18	18	900	0.962
3DP21A-36	36	1800	1.862
3DP21A-72	72	3600	3.662
3DP21A-75	75	3.750	3.807
3DP21A-80	80	4.0000	4.056

Operates with  
Chain DP0S & DP3S  
series



Sprockets available on short delivery to your requirements

Part Number	Number of teeth	
	Minimum	Maximum
3DP21A-	10	80

To complete part number add number of teeth to part No. Example 3DP21A-18  
For clamp style call factory

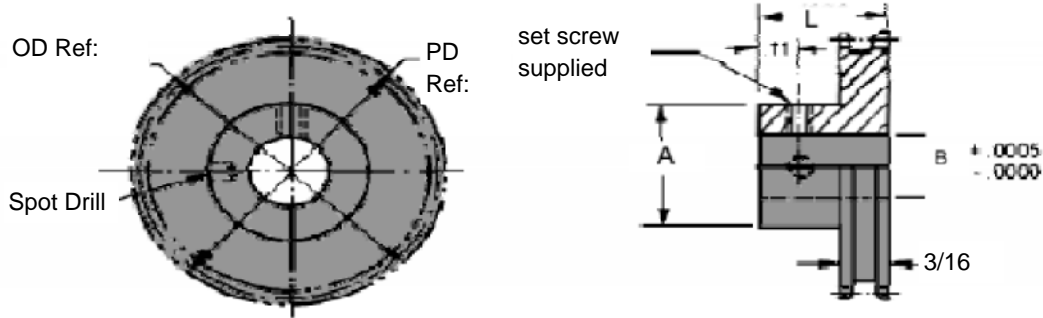
S- STEEL  
A - ALUMINUM

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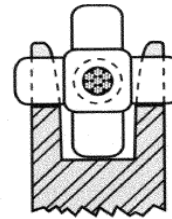


# SPROCKETS

**.15700 Circular pitch**



MATERIAL 303 STAINLESS STEEL  
ALUMINUM 2024 T4 ANODIZED  
OPERATES WITH DP3 CHAIN



FOR B=1/8	A=.312	L =.312	#2-56 SET SCREW
FOR B=3/16	A=.375	L =.406	#4-40 SET SCREW
FOR B=1/4	A=.500	L =.437	#6-32 SET SCREW
FOR B=5/16	A=.500	L =.437	#6-32 SET SCREW

HUB LESS STYLE					NO. OF TEETH	PITCH DIAM	O.D.
PIN STYLE							
STOCK #	STOCK #	STOCK #	STOCK #	STOCK #			
.375 BORE	.125 BORE	.187 BORE	.250 BORE	.312 BORE			
DP3H3S20	DP3P1S20	DP3P15S20	DP3P2S20	DP3P25S20	20	0.6250	0.6870
DP3H3S22	DP3P1S22	DP3P15S22	DP3P2S22	DP3P25S22	22	0.6875	0.7500
DP3H3S24	DP3P1S24	DP3P15S24	DP3P2S24	DP3P25S24	24	0.7500	0.8120
DP3H3S26	DP3P1S26	DP3P15S26	DP3P2S26	DP3P25S26	26	0.8125	0.8750
DP3H3S28	DP3P1S28	DP3P15S28	DP3P2S28	DP3P25S28	28	0.8750	0.9370
DP3H3S30	DP3P1S30	DP3P15S30	DP3P2S30	DP3P25S30	30	0.9375	1.0000
DP3H3S32	DP3P1S32	DP3P15S32	DP3P2S32	DP3P25S32	32	1.0000	1.0620
DP3H3S36	DP3P1S36	DP3P15S36	DP3P2S36	DP3P25S36	36	1.1250	1.1250
DP3H3S40	DP3P1S40	DP3P15S40	DP3P2S40	DP3P25S40	40	1.2500	1.2500
DP3H3S48	DP3P1S48	DP3P15S48	DP3P2S48	DP3P25S48	48	1.5000	1.5620
DP3H3S56	DP3P1S56	DP3P15S56	DP3P2S56	DP3P25S56	56	1.7500	1.8120
DP3H3S64	DP3P1S64	DP3P15S64	DP3P2S64	DP3P25S64	64	2.0000	2.0620
DP3H3S72	DP3P1S72	DP3P15S72	DP3P2S72	DP3P25S72	72	2.2500	2.3120
DP3H3S80	DP3P1S80	DP3P15S80	DP3P2S80	DP3P25S80	80	2.5000	2.5620

To complete part number add number of teeth to part No. Example DP3P2A25  
For clamp style call factory

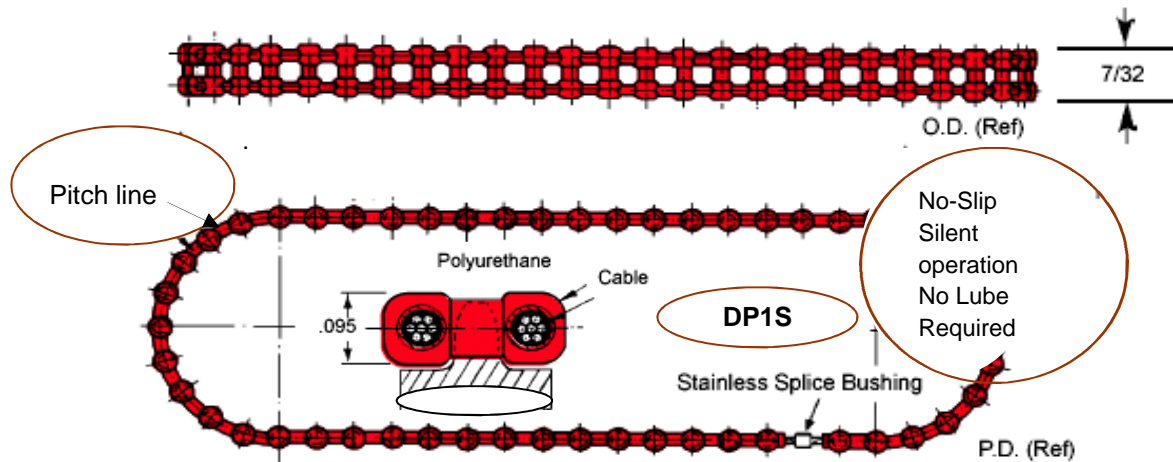
S- STEEL  
A - ALUMINUM

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# POWER DRIVE MINI CABLE CHAINS

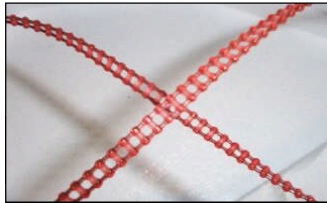
4MM

0.15708



Material Stainless Steel Reinforced Polyurethane

- Zero backlash
- Silent chain
- No Lubrication needed
- Positive drive
- Extra strong



- 1/32 cable stainless steel and Aramid fiber cable
- Color red or Natural
- Hardness- 90 shore A
- Max. Operating Tensile 100 lbs. on SS (10 Lbs./ Pin ) Temp.range 180 F -15 F
- Recommended operating load 10-20 lbs.
- Recommended Max Operating speed 1800 RPM

Weight=0.13 oz/ft

Temp.-15 F + 180 F Available in other material like Nylon minimum order 250'ft

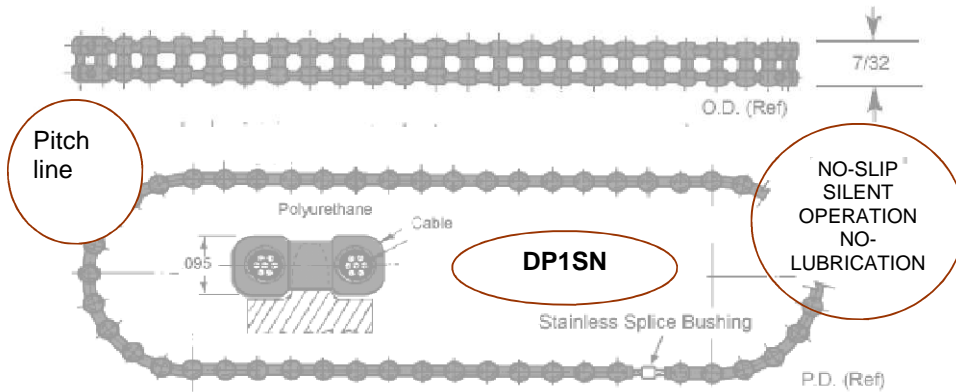
Now available in medical grade

ST. STEEL STOCK #	KEVLAR STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP1S-30	DP1K-30	30	4.712	<b>STOCK #</b>		
DP1S-35	DP1K-35	35	5.497			
DP1S-40	DP1K-40	40	6.283	DP1S-5FT	DP1K-5FT	5FT LENGTH
DP1S-45	DP1K-45	45	7.068	DP1S-10FT	DP1K-10FT	10FT LENGTH
DP1S-50	DP1K-50	50	7.854	DP1S-25FT	DP1K-25FT	25FT LENGTH
DP1S-55	DP1K-55	55	8.639	DP1S-50FT	DP1K-50FT	50FT LENGTH
DP1S-60	DP1K-60	60	9.424	DP1S-100FT	DP1K-100FT	100FT LENGTH
DP1S-70	DP1K-70	70	10.995	<b>NOTE:</b> FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  <b>EXAMPLE</b> DP1S-300 DP1K-300  No additional cost for special orders		
DP1S-80	DP1K-80	80	12.566			
DP1S-90	DP1K-90	90	14.137			
DP1S-100	DP1K-100	100	15.708			
DP1S-110	DP1K-110	110	17.278			
DP1S-120	DP1K-120	120	18.849			
DP1S-130	DP1K-130	130	20.42			
DP1S-140	DP1K-140	140	21.991			
DP1S-150	DP1K-150	150	23.562			
DP1S-160	DP1K-160	160	25.132			

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# POWER DRIVE MINI CHAINS

.15708 PITCH



Material Stainless.Steel Reinforced Polyurethane

Zero backlash

Silent chain

No Lubrication needed

Positive drive

Extra strong

1/32 cable Stainless steel & aramid fiber

Color Lt Blue

Hardness- 90 shore A

Max. Tensile 100 lb on SS

Light weight

Recommended operating load 10-12 Lb.

Weight=0.13 oz/ft

Temp.-15 F +180 F

Medical Grade Nylon

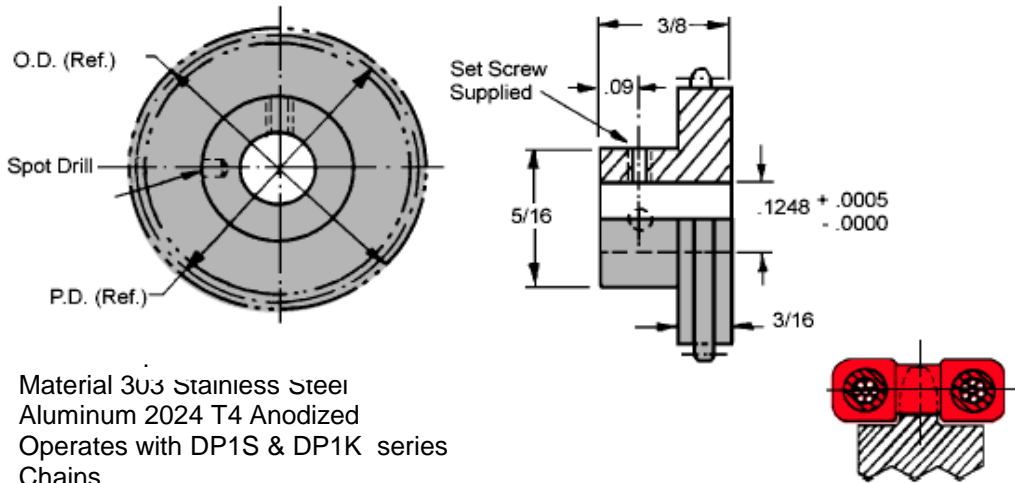
STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE			
DP1S-30N	30	4.712	<b>STOCK #</b>			
DP1S-35N	35	5.497				
DP1S-40N	40	6.283	DP1SN-5FT		5FT LENGTH	
DP1S-45N	45	7.068	DP1SN-10FT		10FT LENGTH	
DP1S-50N	50	7.854	DP1SN-25FT		25FT LENGTH	
DP1S-55N	55	8.639	DP1SN-50FT		50FT LENGTH	
DP1S-60N	60	9.424	DP1SN-100FT		100FT LENGTH	
DP1S-70N	70	10.995	<b>NOTE:</b> FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  EXAMPLE DP1S-440N  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS			
DP1S-80N	80	12.566				
DP1S-90N	90	14.137				
DP1S-100N	100	15.708				
DP1S-110N	110	17.278				
DP1S-120N	120	18.849				
DP1S-130N	130	20.42				
DP1S-140N	140	21.991				
DP1S-150N	150	23.562				
DP1S-160N	160	25.132				

FOR LENGTH OVER 100' FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKETS

INCH  
.15708 CIRCULAR PITCH



Material 303 Stainless Steel  
Aluminum 2024 T4 Anodized  
Operates with DP1S & DP1K series  
Chains

Part Number	Number of teeth	Pitch Diameter	Outside diameter																
3P14A-12	12	0.600	0.962		Operates with Chain DP1S series														
3P14A-14	14	1.800	1.862																
3P14A-45	45	2.25	2.309																
3P14A-60	60	3.000	3.058																
3P14A-80	80	4.0000	4.056																
Sprockets available on short delivery to your request																			
<table border="1"> <thead> <tr> <th rowspan="2">Part Number</th> <th colspan="2">Number of teeth</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>3P21A-</td> <td>10</td> <td>80</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Part Number	Number of teeth					Minimum	Maximum	3P21A-	10	80			
Part Number	Number of teeth																		
	Minimum	Maximum																	
3P21A-	10	80																	

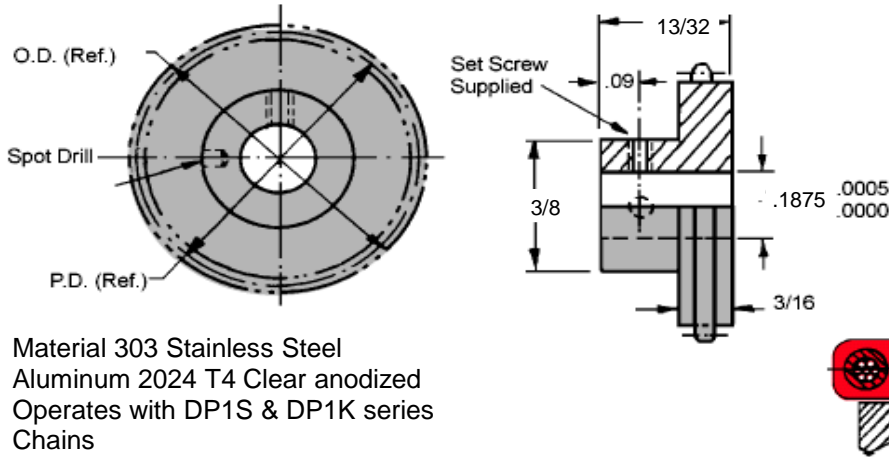
To complete part number add number of teeth-Example 3P14A-18  
For clamp style call factory

S for steel  
A for Aluminum

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKETS

INCH  
.15708 CIRCULAR PITCH



Material 303 Stainless Steel  
Aluminum 2024 T4 Clear anodized  
Operates with DP1S & DP1K series  
Chains

Part Number	Number of teeth	Pitch Diameter	Outside diameter		Operates with Chain DP1S series
3P21A-12	12	0.600	962		
3P21A-14	14	1800	1.862		
3P21A-45	45	2.250	2.309		
3P21A-60	60	3.000	3.058		
3P21A-80	80	4.0000	4.056		
Sprockets available on short delivery to your request					
<b>Number of teeth</b>					
<b>Part Number</b>		<b>Minimum</b>		<b>Maximum</b>	
3P21A-		10		80	

To complete part number add number of teeth-Example 3P21A-18  
For clamp style call factory

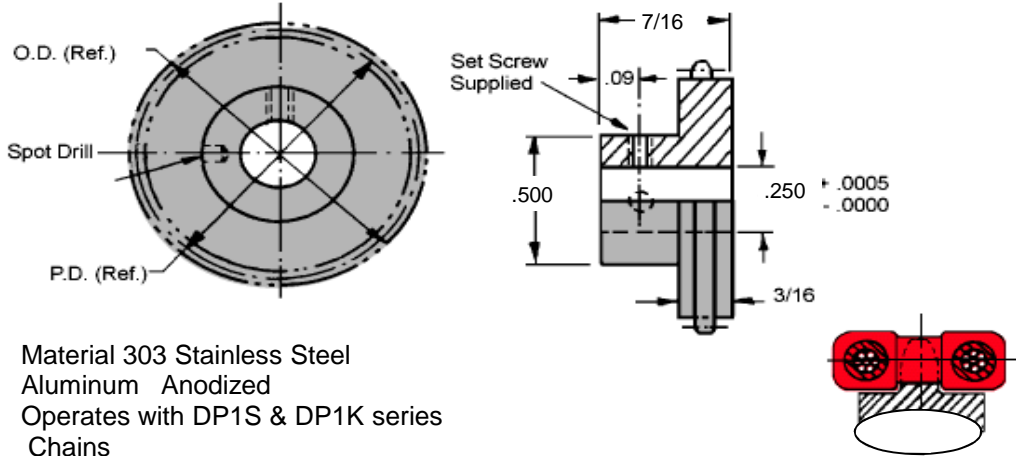
S for steel  
A for Aluminum

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**


# SPROCKETS

INCH

.15708 CIRCULAR PITCH



Material 303 Stainless Steel  
 Aluminum Anodized  
 Operates with DP1S & DP1K series  
 Chains

Part Number	Number of teeth	Pitch Diameter	Outside diameter		Operates with Chain DP1S series 
3P28A-18	18	900	962		
3P28A-36	36	1800	1.862		
3P28A-72	72	3600	3.662		
3P28A-75	75	3.750	3.807		
3P28A-80	80	4.0000	4.056		
Sprockets available on short delivery to your request					
<b>Part Number</b>		<b>Number of teeth</b>			
		<b>Minimum</b>	<b>Maximum</b>		
3P28A-		10	80		

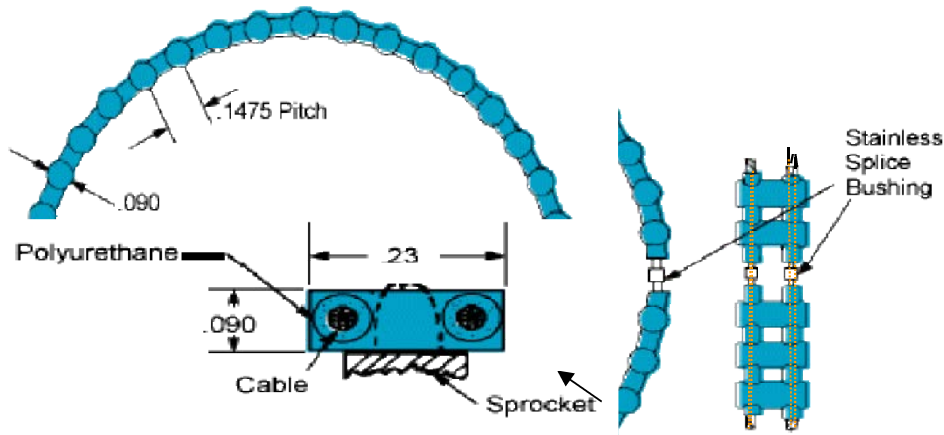
To complete part number add number of teeth-Example 3P28A-18  
 For clamp style call factory

S for steel  
 A for Aluminum

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

.1475 Pitch  
Available in any  
length @ no extra  
cost

# POWER DRIVE MINI CHAIN



Material St. Steel Reinforced Polyurethane

Zero backlash

Silent chain

No Lubrication needed

Positive drive

Extra strong



No Multiple Linkage Joints  
to Blind or Lubricate

1/32 cable Stainless steel and Aramid fiber

Color Lt. blue

Hardness- 90 shore A

Max. Operating Tensile 100 lb on SS

max. Operating Tensile 75 lb on Aramid

RECOMMENDED OPERATING LOAD 10-15lb

Light weight

Weight=0.13 oz/ft

Temp. 65 F - 180 F Available in other materials like Hytrel Nylon for more detail contact the factory

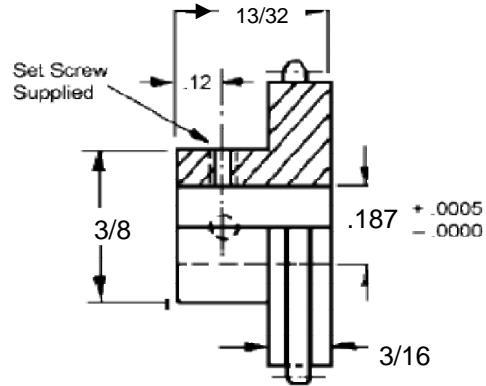
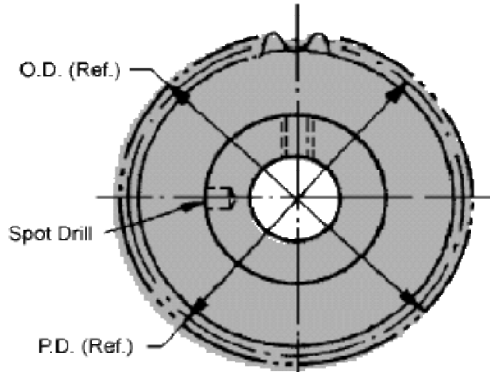
ST. STEEL STOCK #	KEVLAR STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP2S-40	DP2K-40	40	5.900	STOCK #		
DP2S-50	DP2K-50	50	7.375			
DP2S-60	DP2K-60	60	8.850	DP2K-5FT		5FT LENGTH
DP2S-70	DP2K-70	70	10.325	DP2K-10FT		10FT LENGTH
DP2S-80	DP2K-80	80	11.800	DP2K-25FT		25FT LENGTH
DP2S-100	DP2K-100	100	14.750	DP2K-50FT		50FT LENGTH
DP2S-110	DP2K-110	110	16.225	DP2K-100FT		100FT LENGTH
DP2S-120	DP2K-120	120	17.700	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  EXAMPLE DP1K-380 EXAMPLE DP1S-300  NO ADDITIONAL CHARGE FOR SPECIALORDERS		
DP2S-130	DP2K-130	130	19.175			
DP2S-140	DP2K-140	140	20.650			
DP2S-150	DP2K-150	150	22.125			
DP2S-160	DP2K-160	160	23.600			
DP2S-170	DP2K-170	170	25.075			
DP2S-180	DP2K-180	180	25.550			
DP2S-190	DP2K-190	190	28.025			
DP2S-200	DP2K-200	200	29.500			
DP2S-230	DP2K-230	230	33.925			

FOR LENGTH OVER 100 FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL.631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKETS

Inch  
.1475 Circular pitch



Material: 303 SS (Clear passivate)

Material: Aluminum Anodize

Part Number	Number of teeth	Pitch Diameter	Outside diameter
14C21S-10	10	0.4695	0.552
14C21S-11	11	0.5164	0.599
14C21S-12	12	0.5634	0.646
14C21S-13	13	0.610	0.694
14C21S-14	14	0.6573	0.741
14C21S-15	15	0.7042	0.788

Operates with Chain DP2S series

Sprockets available on short delivery to your request

Part Number	Number of teeth	
	Minimum	Maximum
14S21S-40	10	40

To complete part number add number of teeth-Example 14C21S-40  
For clamp style call the factory

Other number of teeth on request only

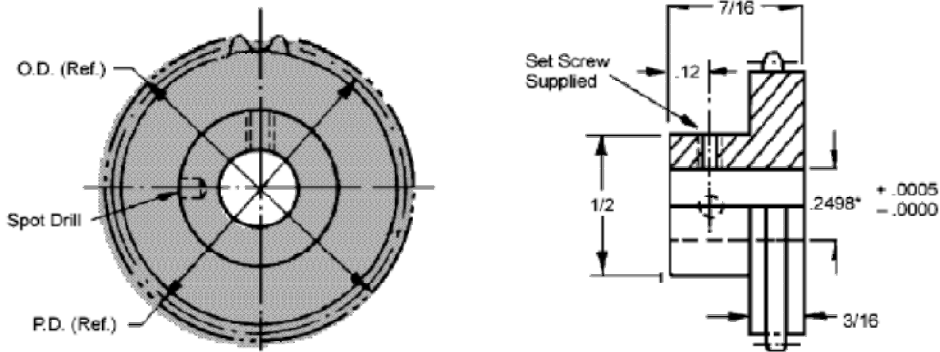
**S for steel**  
**A for Aluminum**

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**



# SPROCKETS


.1475  
CIRCULAR PITCH



Material: 303 SS (Clear passivate)  
Material: Aluminum Anodize

Part Number	Number of teeth	Pitch Diameter	Outside diameter
14C28S-13	13	0.61030	0.690
14C28S-14	14	0.65730	0.737
14C28S-15	15	0.70420	0.784
14C28S-16	16	0.75120	0.831
14C28S-17	17	0.79810	0.878
14C28S-40	40	1.87800	1.958

Operates with Chain DP2S series



Sprockets available on short delivery to your requirements

Part Number	Number of teeth	
	Minimum	Maximum
14CS28-40	10	80

To complete part number add number of teeth-Example 14CS28S-80  
For clamp style call factory

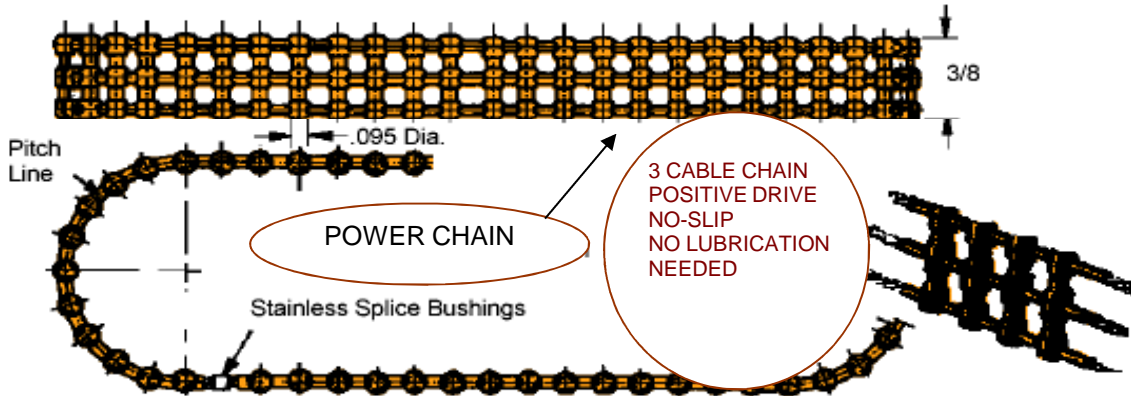
Other number of teeth on request only

**S For steel**  
**A For Aluminum**

**PDC, INC. TEL.631-393-6767, 6768 FAX: 631-393-6769**

# POWER DRIVE TWIN CHAIN

4mm (.15708 CIRCULAR PITCH)



Material Stainless Steel Reinforced Polyurethane

- Zero backlash
- Silent chain
- No Lubrication needed
- Positive drive
- Extra strong



- 1/32 cable stainless steel
- Color Lt Brown
- Hardness- 90 shore A
- Max. Operating Tensile 100 lb on SS
- Light weight
- Recommended Operating load 10-15 lb
- Recommended Max RPM 1800

Weight=0.21 oz/ft

Temp.-15 F + 180 F Available in other material like Nylon minimum order 250' ft.

Now available in medical grade

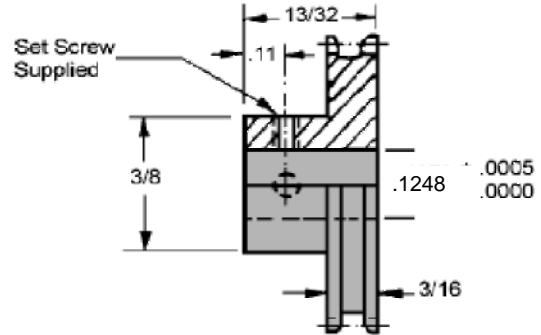
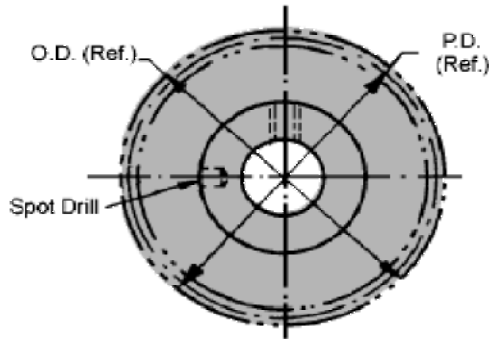
STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP3S-30	30	4.712	STOCK #		
DP3S-50	50	7.854			
DP32-55	55	8.639	DP3S-5FT		5FT LENGTH
DP3S-60	60	9.424	DP3S-10FT		10FT LENGTH
DP3S-70	70	10.424	DP3S-25FT		25FT LENGTH
DP3S-80	80	12.566	DP3S-50FT		50FT LENGTH
DP3S-90	90	14.137	DP3S-100FT		100FT LENGTH
DP3S-100	100	15.708			
DP3S-110	110	17.278	<p><b>NOTE:</b>                      FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER</p> <p>EXAMPLE DP3S-625</p> <p>NO ADDITIONAL CHARGE FOR SPECIAL ORDERS</p>		
DP3S-120	120	18.849			
DP3S-130	130	20.42			
DP3S-150	150	24.562			
DP3S-160	160	25.132			
DP3S-170	170	26.703			
DP3S-180	180	28.274			
DP3S-190	190	29.845			
DP3S-220	220	34.557			

FOR LENGTH OVER 100' FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

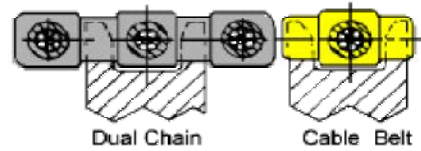
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKETS

Inch  
 .15700 CIRCULAR PITCH



Material 303 Stainless Steel  
 Aluminum Clear anodized  
 Operates with DP3S & DPOS series  
 Belt and chains



Part Number	Number of teeth	Pitch Diameter	Outside diameter	Operates with Chain DPOS & DP3S series
3DP14A-18	18	900	962	
3DP14A-36	36	1800	1.862	
3DP14A-72	72	3600	3.662	
3DP14A-75	75	3.750	3.807	
3DP14A-80	80	4.0000	4.056	



Sprockets available on short delivery to your requirements		
	<b>Number of teeth</b>	
<b>Part Number</b>	<b>Minimum</b>	<b>Maximum</b>
3DP14A-	10	80

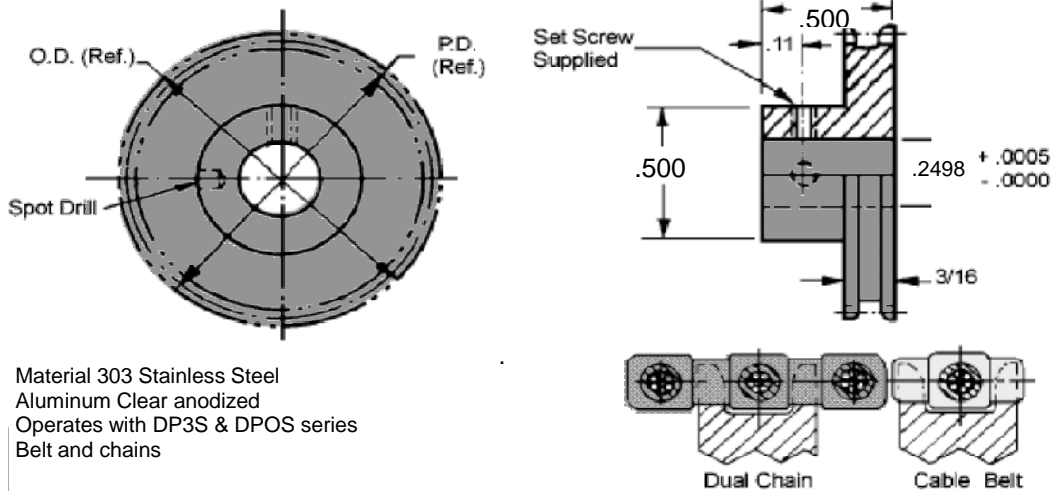
To complete part number add number of teeth to part No. -Example 3DP14A-18  
 For clamp style call factory

S STEEL  
 A ALUMINUM


**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKETS

.15700 CIRCULAR PITCH



Material 303 Stainless Steel  
 Aluminum Clear anodized  
 Operates with DP3S & DPOS series  
 Belt and chains

Part Number	Number of teeth	Pitch Diameter	Outside diameter	<p>Operates with Chain DP0S &amp; DP3S series</p> 
3DP28A-18	18	900	962	
3DP28A-36	36	1800	1.862	
3DP28A-72	72	3600	3.662	
3DP28A-75	75	3.750	3.807	
3DP28A-80	80	4.0000	4.056	
Sprockets available on short delivery to your requirements				
<b>Number of teeth</b>				
<b>Part Number</b>	<b>Minimum</b>		<b>Maximum</b>	
3DP28A-	10		80	

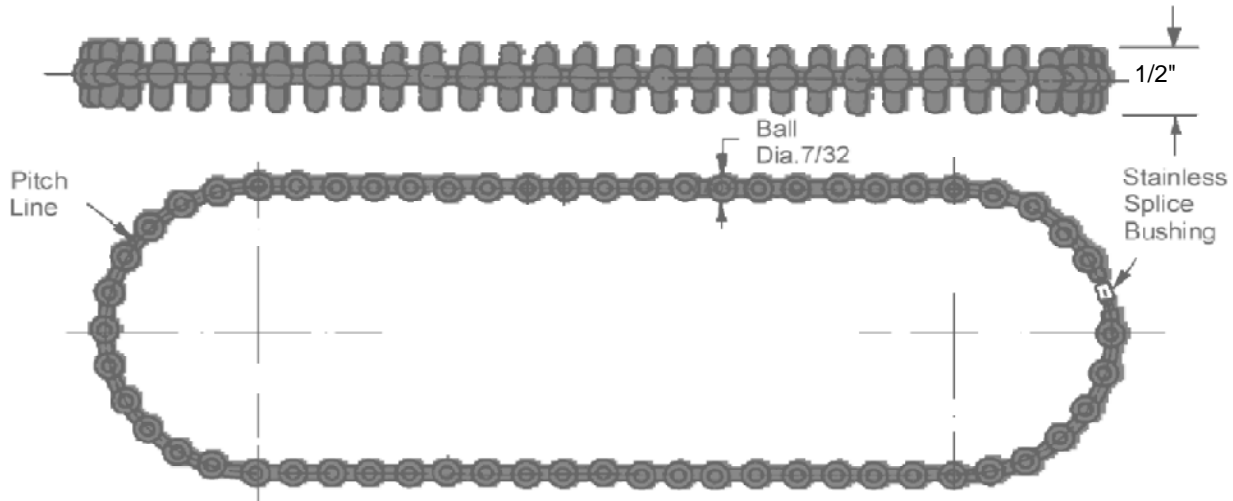
To complete part number add number of teeth next to part No. Example 3DP28A-18  
 For clamp style call factory

S- STEEL  
 A- ALUM

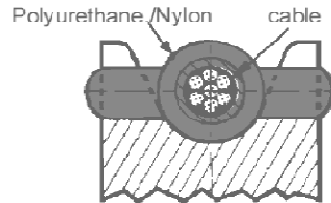
**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# GEAR DRIVE BELT

**12 PITCH  
(.2618 CIRC.  
Pitch)**



- Flexible
- Twists and Turns
- Odd Angles
- No Lubrication
- Infinite Lengths
- Zero Backlash



- Weight .13OZ./FT.
- 1/32" Dia. St. Steel Cable
- 90ADurometer/ 55D
- Polyurethane /Nylon
- Ultimate Tensile Strength 50lbs. (9lbs./Pin)
- Temp. Range + 180°F to -15°F
- Recommended Operating Load 10-12 lbs.
- Recommended Max Operating Speed 376 ft./min.

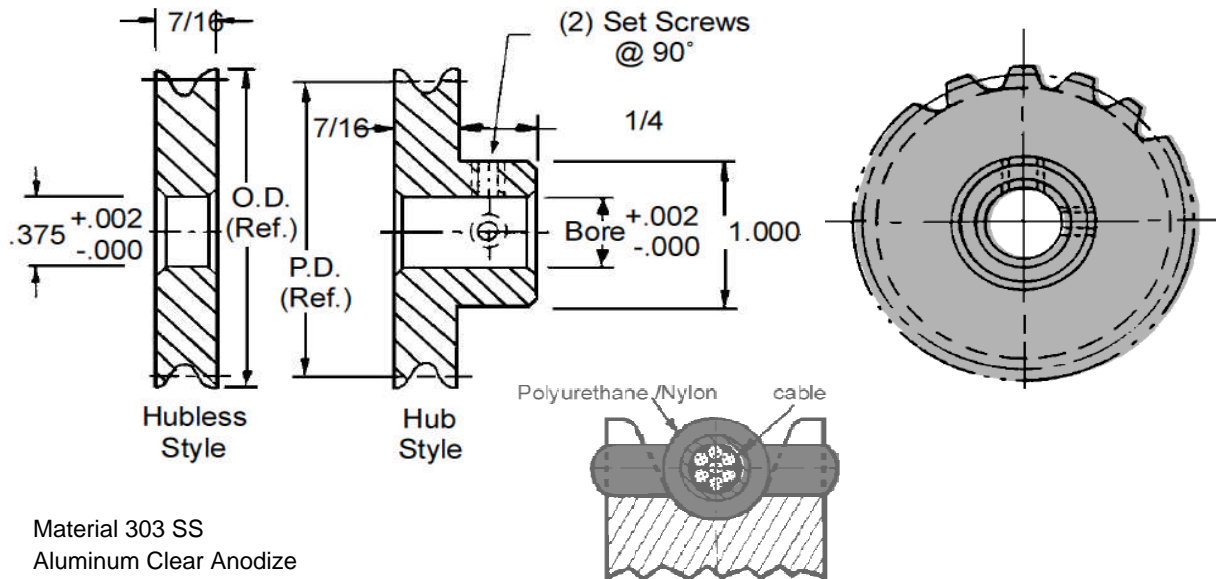
Available in Hytrel Nylon

STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE	
DP12S-30	30	7.854	<b>STOCK #</b>	
DP12S-35	35	9.163		
DP12S-40	40	10.472	DP12S-5FT	5FT LENGTH
DP12S-45	45	11.781	DP12S-10FT	10FT LENGTH
DP12S-50	50	13.090	DP12S-25FT	25FT LENGTH
DP12S-55	55	14.399	DP12S-50FT	50FT LENGTH
DP12S-60	60	15.708	DP12S-100FT	100FT LENGTH
DP12S-70	70	18.326	<b>NOTE:</b> FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER ADD P FOR POLYURETHANE AT END EXAMPLE DP12S-440  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS	
DP12S-80	80	20.944		
DP12S-90	90	23.562		
DP12S-100	100	26.180		
DP12S-110	110	28.798		
DP12S-120	120	31.416		
DP12S-130	130	34.034		
DP12S-140	140	36.652		
DP12S-150	150	39.270		
DP12S-160	160	41.888		

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# BELT DRIVE GEAR SPROCKET

12 PITCH (.2618 CIRC. PITCH )



Material 303 SS  
Aluminum Clear Anodize

HUB LESS STYLE		PIN STYLE					
STOCK #		STOCK #	STOCK #	STOCK #	NO.OF TEET	PITCH DIAM	O.D.
.375 BORE		.375 BORE	.500 BORE	.625 BORE			
-		P12A6-12*	P12A8-12	P12A10-12	12	1.0000	1.1660
-		P12A6-14*	P12A8-14	P12A10-14	14	1.1666	1.3330
F12A6-15		P12A6-15	P12A8-15	P12A10-15	15	1.2500	1.4160
F12A6-20		P12A6-20	P12A8-20	P12A10-20	20	1.6666	1.8330
F12A6-21		P12A6-21	P12A8-21	P12A10-21	21	1.7500	1.9160
F12A6-24		P12A6-24	P12A8-24	P12A10-24	24	2.0000	2.1660
F12A6-30		P12A6-30	P12A8-30	P12A10-30	30	2.5000	2.6660
F12A6-32		P12A6-32	P12A8-32	P12A10-32	32	2.6666	2.8330
F12A6-36		P12A6-36	P12A8-36	P12A10-36	36	3.0000	3.1660
F12A6-40		P12A6-40	P12A8-40	P12A10-40	40	3.3333	3.5000
F12A6-42		P12A6-42	P12A8-42	P12A10-42	42	3.5000	3.6660
F12A6-48		P12A6-48	P12A8-48	P12A10-48	48	4.0000	4.1660
F12A6-54		P12A6-54	P12A8-54	P12A10-54	54	4.5000	4.6660
F12A6-60		P12A6-60	P12A8-60	P12A10-60	60	5.0000	5.1660

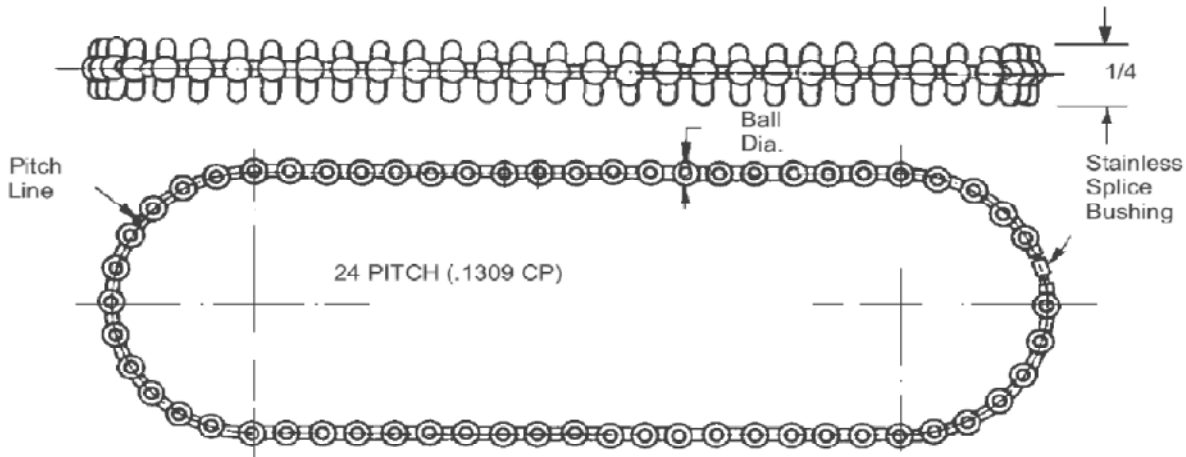
\* Hub is undercut. Teeth run out on hub.

■ Pulleys .750 P.D. and smaller for idler use only. Cannot be used as a Spur Gear.

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# GEAR DRIVE BELTS

24 PITCH (.1309 C.P.)



STOCK NO.	NO. OF PITCHES	LENGTH (Ref.)
DP24S-50-E	50	6.545
DP24S-52-E	52	6.807
DP24S-54-E	54	7.069
DP24S-56-E	56	7.330
DP24S-58-E	58	7.592
DP24S-60-E	60	7.854
DP24S-62-E	62	8.116
DP24S-64-E	64	8.378
DP24S-66-E	66	8.639
DP24S-68-E	68	8.901
DP24S-70-E	70	9.163
DP24S-75-E	75	9.817
DP24S-80-E	80	10.472
DP24S-85-E	85	11.126
DP24S-90-E	90	11.781
DP24S-95-E	95	12.435
DP24S-100-E	100	13.090
DP24S-105-E	105	13.744
DP24S-110-E	110	14.399
DP24S-115-E	115	15.053
DP24S-120-E	120	15.708
DP24S-130-E	130	17.017
DP24S-140-E	140	18.326
DP24S-150-E	150	19.635
DP24S-160-E	160	20.944
DP24S-170-E	170	22.253
DP24S-180-E	180	23.562
DP24S-190-E	190	24.870
DP24S-200-E	200	26.180
DP24S-220-E	220	28.798
DP24S-240-E	240	31.416
DP24S-260-E	260	34.034
DP24S-280-E	280	36.652
DP24S-300-E	300	39.270
DP24S-320-E	320	41.888
DP24S-360-E	360	47.124
DP24S-420-E	420	54.978

For Field Splice Kit order DP24S-7

\* Available with Aramid Core.

For reverse bending applications.

\*Reduce operating load rating by 50% for field splices.

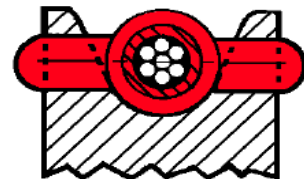
Recommend factory splice for longer life

- Positive Drive
- Accommodates twists and turns
- Odd Angles
- No Lubrication
- Infinite Lengths
- Zero Backlash
- Weight .13 oz./ft.
- 90A Durometer
- Ultimate Tensile Strength 50 lbs. - 9 lbs./Pin
- When belt is used in open loop configuration (without splice, no crimp bushing)
- Recommended Operating Load 12 lbs.
- Recommended Max. Operating Speed 376 feet/min.
- Temperature Range +180°F to -15°F

Other numbers of pitches available on request.

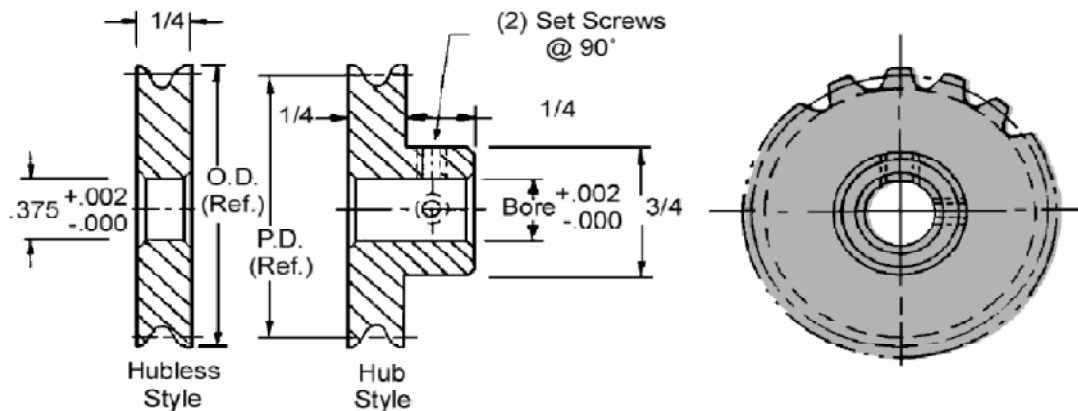
Available in Hytrel Nylon

BULK FOOTAGE - NOT SPLICED	
STOCK NO.	LENGTH
DP24S-5FT	5FT
DP24S-10FT	10FT
DP24S-25FT	25FT
DP24S-50FT	50FT
DP24S-100FT	100FT

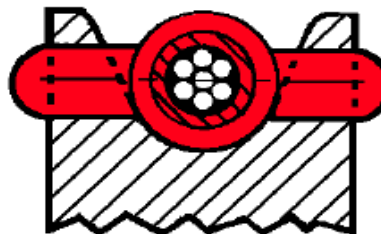


**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# 24 PITCH ( .1309 CIRCULAR PITCH )



**Material:**  
Aluminum  
Anodized



HUBLESS STYLE		HUB STYLE		NO. OF TEETH	PITCH DIAMETER	OUTSIDE DIAMETER
.375 BORE STOCK NO.	.250 BORE STOCK NO.	.375 BORE STOCK NO.	.500 BORE STOCK NO.			
—	P24D4-12*	—	—	12	.5000 ■	.583
—	P24D4-14*	—	—	14	.5833 ■	.666
F24C6-15	P24D4-15*	P24D6-15*	—	15	.6250 ■	.708
F24C6-16	P24D4-16*	P24D6-16*	P24D8-16*	16	.6667 ■	.750
F24C6-18	P24D4-18*	P24D6-18*	P24D8-18*	18	.7500 ■	.833
F24C6-20	P24D4-20	P24D6-20	P24D8-20	20	.8333	.916
F24C6-21	P24D4-21	P24D6-21	P24D8-21	21	.8750	.958
F24C6-24	P24D4-24	P24D6-24	P24D8-24	24	1.0000	1.083
F24C6-30	P24D4-30	P24D6-30	P24D8-30	30	1.2500	1.333
F24C6-36	P24D4-36	P24D6-36	P24D8-36	36	1.5000	1.583
F24C6-42	P24D4-42	P24D6-42	P24D8-42	42	1.7500	1.833
F24C6-48	P24D4-48	P24D6-48	P24D8-48	48	2.0000	2.083
F24C6-60	P24D4-60	P24D6-60	P24D8-60	60	2.5000	2.583
F24C6-72	P24D4-72	P24D6-72	P24D8-72	72	3.0000	3.083
F24C6-96	P24D4-96	P24D6-96	P24D8-96	96	4.0000	4.083
F24C6-120	P24D4-120	P24D6-120	P24D8-120	120	5.0000	5.083
F24C6-144	P24D4-144	P24D6-144	P24D8-144	144	6.0000	6.083

\* Hub is undercut. Teeth run out on hub.

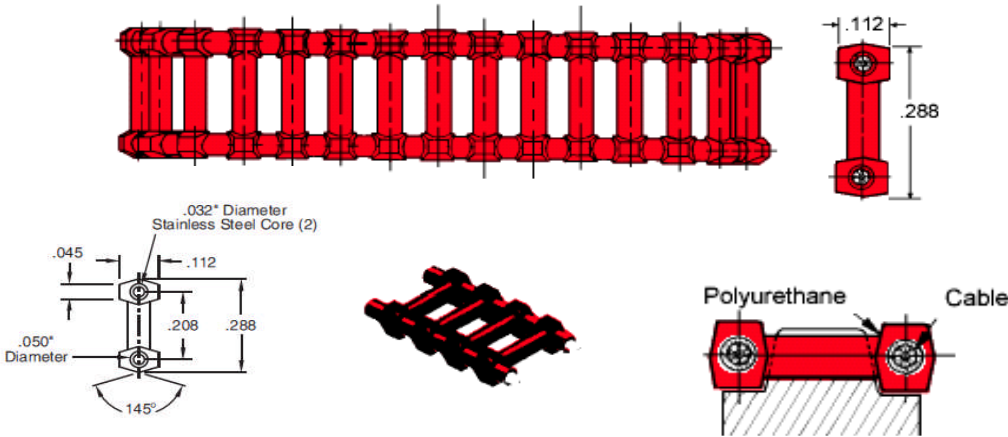
■ Pulleys .750 P.D. and smaller for idler use only. Cannot be used as a Spur Gear.

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**



.1309  
CIR.PITCH  
24 PITCH

# POWER DRIVE MINI CHAIN



Material Stainless steel Reinforced Polyurethane  
Zero backlash  
Silent chain  
No Lubrication needed  
Positive drive  
Extra strong

1/32 cable stainless steel or Aramid fiber  
Color Red  
Hardness- 90 shore A  
Max. Operating Tensile 100 lb on SS  
Max. Operating Tensile 50 lb on Aramid  
Light weight

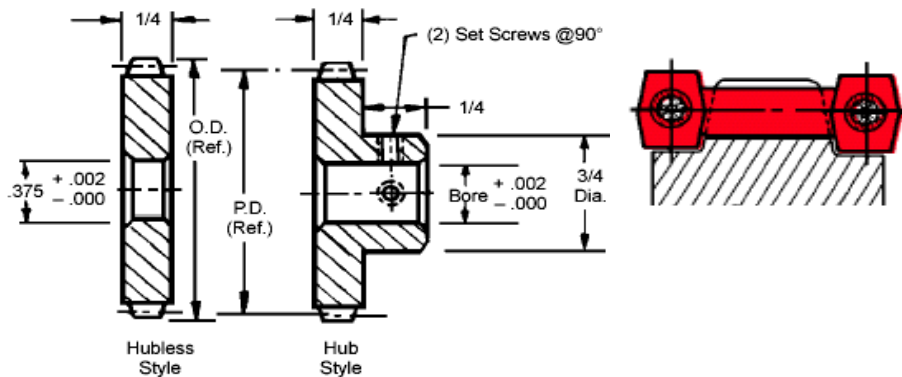
Weight=0.21 oz/ft  
Temp.65 F - 180 F Available in other material like Nylon minimum order 250 ft run  
Now available in medical grade

ST. STEEL STOCK #	KEVLAR STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
24DPS-50	24DPK-50	50	6.656	<b>STOCK #</b>		
24DPS-52	24DPK-52	52	6.805			
24DPS-54	24DPK-54	54	7.068	24DPS-5FT		5FT LENGTH
24DPS-56	24DPK-56	56	7.33	24DPS-10FT		10FT LENGTH
24DPS-58	24DPK-58	58	7.592	24DPS-25FT		25FT LENGTH
24DPS-60	24DPK-60	60	7.854	24DPS-50FT		50FT LENGTH
24DPS-62	24DPK-62	62	8.115	24DPS-100FT		100FT LENGTH
24DPS-64	24DPK-64	64	8.377	<b>NOTE:</b> FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  EXAMPLE 24DPS- # of pitches  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS		
24DPS-66	24DPK-66	66	8.639			
24DPS-68	24DPK-68	68	8.901			
24DPS-70	24DPK-70	70	9.163			
24DPS-75	24DPK-75	75	9.817			
24DPS-80	24DPK-80	80	10.472			
24DPS-85	24DPK-85	85	11.126			
24DPS-90	24DPK-90	90	11.781			
24DPS-95	24DPK-95	95	12.435			
24DPS-100	24DPK-100	100	13.090			

FOR LENGTH OVER 100 FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKETS GEARS



## Material

Aluminum Clear anodize

Available in color at customer request

Operate with 24DPS chain series



Hub Less		PIN STYLE				
STOCK # .375 BORE	STOCK # .250 BORE	STOCK # .375 BORE	STOCK # .500 BORE	NO. OF TEETH	PITCH DIAM.	O.D..
24DP3-15	24DP2-15	24DP1-15	24DP5-15	15	0.625	0.707
24DP3-16	24DP2-16	24DP1-16	24DP5-16	16	0.6666	0.749
24DP3-18	24DP2-18	24DP1-18	24DP5-18	18	0.750	0.832
24DP3-20	24DP2-20	24DP1-20	24DP5-20	20	0.8333	0.915
24DP3-21	24DP2-21	24DP1-21	24DP5-21	21	0.875	0.957
24DP3-24	24DP2-24	24DP1-24	24DP5-24	24	1.000	1.082
24DP3-30	24DP2-30	24DP1-30	24DP5-30	30	1.250	1.331
24DP3-36	24DP2-36	24DP1-36	24DP5-36	36	1.500	1.581
24DP3-42	24DP2-42	24DP1-42	24DP5-42	42	1.750	1.831
24DP3-48	24DP2-48	24DP1-48	24DP5-48	48	2.000	2.081
24DP3-60	24DP2-60	24DP1-60	24DP5-60	60	2.500	2.580
24DP3-72	24DP2-72	24DP1-72	24DP5-72	72	3.000	3.079

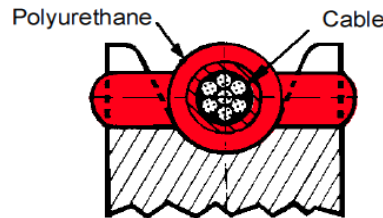
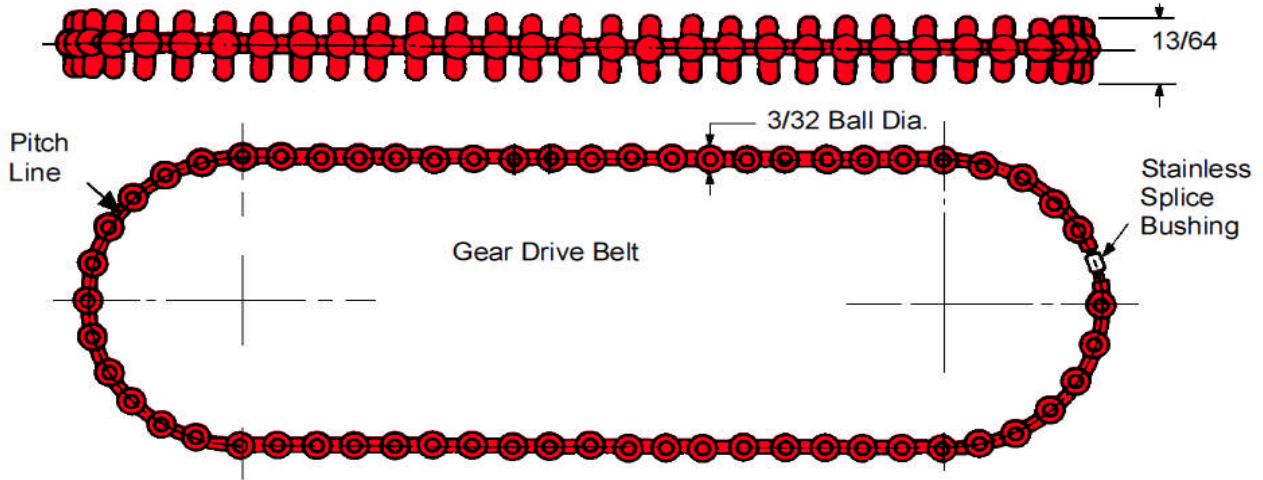
NOTE: FOR ALL OTHER SIZES CONTACT THE FACTORY

SPROCKETS UNDER .750 AND SMALLER ARE RECOMMENDED FOR IDLER USE ONLY

**PDC, INC. TEL.631-393-6767, 6768 FAX: 631-393-6769**

# GEAR DRIVE BELTS

1/10 PITCH (.1000 CIR.PITCH)



Flexible, Twists and Turns  
Zero backlash  
Odd Angles  
No Lubrication needed

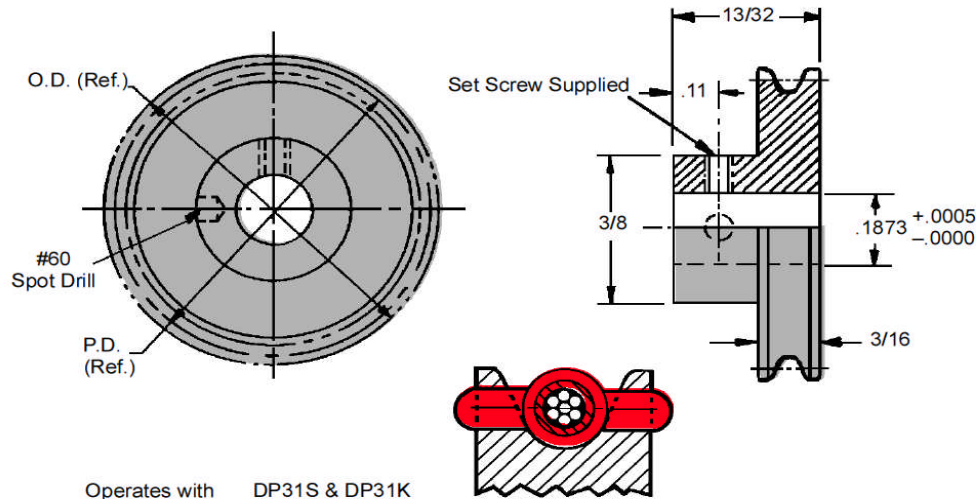
1/32 cable Stainless steel & aramid fiber  
Color red  
Hardness- 90 shore A /Nylon 55D  
Max. Tensile 50 lb on SS  
Temp. Range +180 degree F to -65 degree F

STOCK #	STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP31S-30	DP31K-30	30	4.712	STOCK #		
DP31S-35	DP31K-35	35	5.497			
DP31S-40	DP31K-40	40	6.283	DP31S-5FT	DP31K-5FT	5FT LENGTH
DP31S-45	DP31K-45	45	7.068	DP31S-10FT	DP31K-10FT	10FT LENGTH
DP31S-50	DP31K-50	50	7.854	DP31S-25FT	DP31K-25FT	25FT LENGTH
DP31S-55	DP31K-55	55	8.639	DP31S-50FT	DP31K-50FT	50FT LENGTH
DP31S-60	DP31K-60	60	9.424	DP31S-100F	DP31K-100F	100FT LENGTH
DP31S-70	DP31K-70	70	10.995	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  EXAMPLE DP31K-440  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS		
DP31S-80	DP31K-80	80	12.566			
DP31S-90	DP31K-90	90	14.137			
DP31S-100	DP31K-100	100	15.708			
DP31S-110	DP31K-110	110	17.278			
DP31S-120	DP31K-120	120	18.849			
DP31S-130	DP31K-130	130	20.42			
DP31S-140	DP31K-140	140	21.991			
DP31S-150	DP31K-150	150	23.562			
DP31S-160	DP31K-160	160	25.132			

FOR LENGTH OVER 100 FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# POWER DRIVE BELTS SPROCKETS



Operates with DP31S & DP31K

ALUMINUM CLEAR ANODIZED  
OPERATES WITH DP31S CHAIN

MATERIAL 303 STAINLESS STEEL

FOR B=1/8	A=.312	L=.312	#2-56 SET SCREW
FOR B=3/16	A=.375	L=.406	#4-40 SET SCREW
FOR B=1/4	A=.500	L=.437	#6-32 SET SCREW
FOR B=5/16	A=.500	L=.437	#6-32 SET SCREW

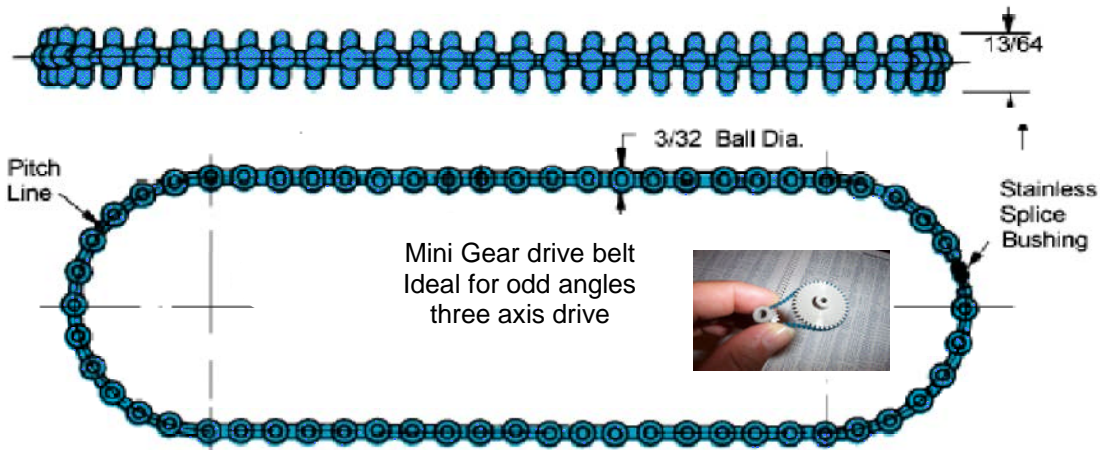
HUB LESS STYLE		PIN STYLE		NO. OF TEETH	PITCH DIAM	O.D.
STOCK #	STOCK #	STOCK #	STOCK #			
.375 BORE	.125 BORE	.187 BORE	.250 BORE			
31H3S20	D31P1S20	DP3P15S20	DP3P2S20	20	0.6250	0.6870
31H3S22	DP3P1S22	DP3P15S22	DP3P2S22	22	0.6875	0.7500
31H3S24	DP3P1S24	DP3P15S24	DP3P2S24	24	0.7500	0.8120
31H3S26	DP3P1S26	DP3P15S26	DP3P2S26	26	0.8125	0.8750
31H3S28	DP3P1S28	DP3P15S28	DP3P2S28	28	0.8750	0.9370
31H3S30	DP3P1S30	DP3P15S30	DP3P2S30	30	0.9375	1.0000
31H3S32	DP3P1S32	DP3P15S32	DP3P2S32	32	1.0000	1.0620
31H3S36	DP3P1S36	DP3P15S36	DP3P2S36	36	1.1250	1.1250
31H3S40	DP3P1S40	DP3P15S40	DP3P2S40	40	1.2500	1.2500
31H3S48	DP3P1S48	DP3P15S48	DP3P2S48	48	1.5000	1.5620
31H3S56	DP3P1S56	DP3P15S56	DP3P2S56	56	1.7500	1.8120
31H3S64	DP3P1S64	DP3P15S64	DP3P2S64	64	2.0000	2.0620
31H3S72	DP3P1S72	DP3P15S72	DP3P2S72	72	2.2500	2.3120
31H3S80	DP3P1S80	DP3P15S80	DP3P2S80	80	2.5000	2.5620

For clamp style add (C) at the end of part No. Example 31P2A25-C

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# Power Drive MINI BELT

32  
PITCH  
.0982



Mini Gear drive belt  
Ideal for odd angles  
three axis drive

Material St.Steel Reinforced Polyurethane

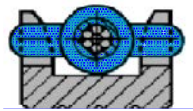
Zero backlash

Silent chain

No Lubrication needed

Positive drive

Extra strong



1/32 cable st.steel or Aramid fiber

Color Dk blue

Hardness- 90 shore A

Max. Operating Tensile 100 lbs on SS

Light weight

Weight=0.11 oz/ft

Temp.-65 F + 180 F Available in other material like Nylon minimum order 250'ft

Now available in medical grade

STOCK# ST. STEEL	STOCK# KEVLAR	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE	
DP32SB-49	DP32KB-49	49	4.81	STOCK #	
DP32SB-52	DP32KB-52	52	5.105		
DP32SB-53	DP32KB-53	53	5.203	DP32SB-5FT	5FT LENGTH
DP32SB-64	DP32KB-64	64	6.283	DP32SB-10FT	10FT LENGTH
DP32SB-67	DP32KB-67	67	6.577	DP32SB-25FT	25FT LENGTH
DP32SB-75	DP32KB-75	75	7.363	DP32SB-50FT	50FT LENGTH
DP32SB-80	DP32KB-80	80	7.854	DP32SB-100FT	100FT LENGTH
DP32SB-95	DP32KB-95	95	9.326	<p>NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER</p> <p>EXAMPLE DP32S- # 305</p> <p>NO ADDITIONAL CHARGE FOR SPECIAL ORDERS</p>	
DP32SB-57	DP32KB-112	112	10.995		
DP32SB-112	DP32KB-126	126	12.37		
DP32SB-128	DP32KB-128	128	12.566		
DP32SB-144	DP32KB-144	144	14.137		
DP32SB-158	DP32KB-158	158	15.511		
DP32SB-176	DP32KB-176	176	17.278		
DP32SB-189	DP32KB-189	189	18.555		
DP32SB-208	DP32KB-208	208	20.42		
DP32SB-220	DP32KB-220	220	21.598		

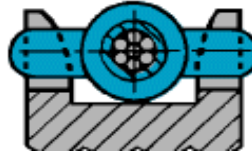
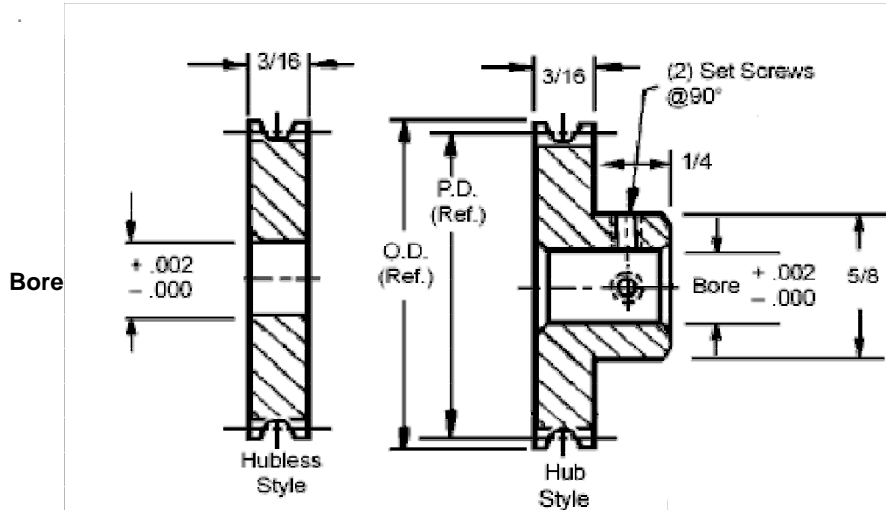
FOR LENGTH OVER 100' FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# POWER DRIVE BELTS SPROCKETS

32 PITCH

0.0982



## Material

Aluminum Clear anodize

Available in color at customers request

Operate with DP32S/DP32K Belt series

HUB LESS STYLE	PIN STYLE					
STOCK #	STOCK #	STOCK #	STOCK #			
.375 BORE	.250 BORE	.375 BORE	.500 BORE	NO.OF TEET	PITCH DIAM	O.D.
DP32S-20	DP32P2-20	DP32P3-20	DP32P5-20	20	0.6250	0.6870
DP32S-22	DP32P2-22	DP32P3-22	DP32P5-22	22	0.6875	0.7500
DP32S-24	DP32P2-24	DP32P3-24	DP32P5-24	24	0.7500	0.8120
DP32S-26	DP32P2-26	DP32P3-26	DP32P5-26	26	0.8125	0.8750
DP32S-28	DP32P2-28	DP32P3-28	DP32P5-28	28	0.8750	0.9370
DP32S-30	DP32P2-30	DP32P3-30	DP32P5-30	30	0.9375	1.0000
DP32S-32	DP32P2-32	DP32P3-32	DP32P5-32	32	1.0000	1.0620
DP32S-36	DP32P2-36	DP32P3-36	DP32P5-36	36	1.1250	1.1250
DP32S-40	DP32P2-40	DP32P3-40	DP32P5-40	40	1.2500	1.2500
DP32S-48	DP32P2-48	DP32P3-48	DP32P5-48	48	1.5000	1.5620
DP32S-56	DP32P2-56	DP32P3-56	DP32P5-56	56	1.7500	1.8120
DP32S-64	DP32P2-64	DP32P3-64	DP32P5-64	64	2.0000	2.0620
DP32S-72	DP32P2-72	DP32P3-72	DP32P5-72	72	2.2500	2.3120
DP32S-80	DP32P2-80	DP32P3-80	DP32P5-80	80	2.5000	2.5620

NOTE: FOR ALL OTHER SIZES CONTACT THE FACTORY

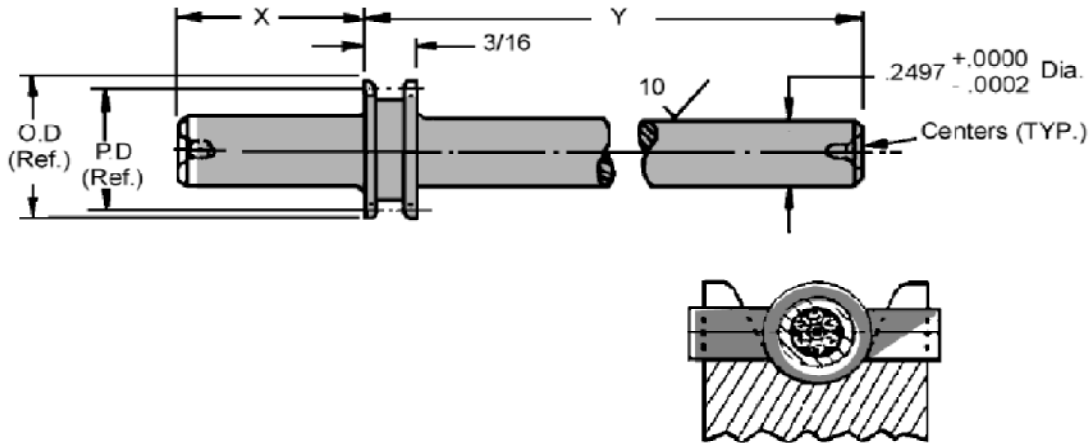
SPROCKETS UNDER .750 AND SMALLER ARE RECOMMENDED FOR IDLER USE ONLY

**PDC, INC. TEL.631-393-6767, 6768 FAX: 631-393-6769**

# DRIVE BELT GEARS

32 PITCH (.0982 CIRCULAR PITCH)  
20° PRESSURE ANGLE

## Pinion Shaft Style



Operates with

DP32SB Series or as a conventional Spur Gear

303 STAINLESS STEEL		NO. OF TEETH	X	Y	P.D.	O.D.
STOCK NUMBER						
GPS-1	14	---	3.187	▲ .4375	.500	
GPS-2	15	---	3.187	▲ .4687	.531	
GPS-3	16	---	3.187	■ .5000	.562	
GPS-4	14	1.500	1.687	▲ .4375	.500	
GPS-5	15	1.500	1.687	▲ .4687	.531	
GPS-6	16	1.500	1.687	■ .5000	.562	

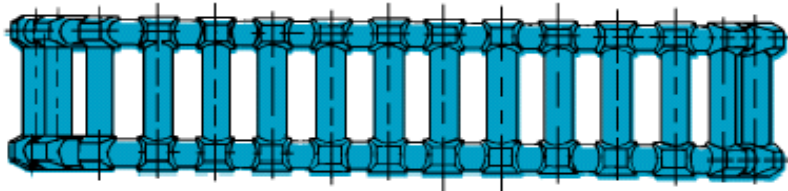
▲ For idler use only.

■ May be used with Nano-flex belt DP48S belt as a drive gear with DP32SB belt use Idler only

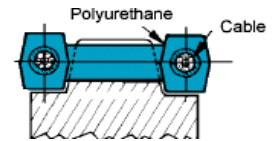
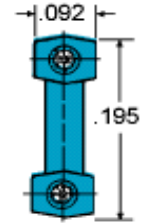
**PDC, INC. TEL.631-393-6767, 6768 FAX: 631-393-6769**

# GEAR DRIVE MINI POWER CHAINS

32 PITCH  
.0982  
CIRCULAR  
PITCH



MINI POWER CHAIN



Material Stainless Steel Reinforced Polyurethane  
Zero backlash  
Silent chain  
No Lubrication needed  
Positive drive  
Extra strong

.018 cable stainless steel  
Color Dk blue  
Hardness- 90 shore A  
Max. Operating Tensile 100 lb on Stainless Steel  
Max. Operating Tensile 50 lb on Aramid  
Light weight  
Recommended Max. Operating speed 1800 RPM

Weight=0.21 oz/ft

Temp.-15 F - +180 F Available in other material Nylon minimum orders 250'ft.

STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE	
DP32D-49	49	4.81	STOCK #	
DP32D-52	52	5.105		
DP32D-53	53	5.203	DP32D-5FT	5FT LENGTH
DP32D-64	64	6.283	DP32D-10FT	10FT LENGTH
DP32D-67	67	6.577	DP32D-25FT	25FT LENGTH
DP32D-75	75	7.363	DP32D-50	50FT LENGTH
DP32D-80	80	7.854	DP32D-100FT	100FT LENGTH
DP32D-95	95	9.326	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  EXAMPLE DP32D-  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS	
DP32D-112	112	10.995		
DP32D-126	126	12.37		
DP32D-128	128	12.566		
DP32D-144	144	14.137		
DP32D-158	158	15.511		
DP32D-176	176	17.278		
DP32D-189	189	18.555		
DP32D-208	208	20.420		

FOR LENGTH OVER 100 FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

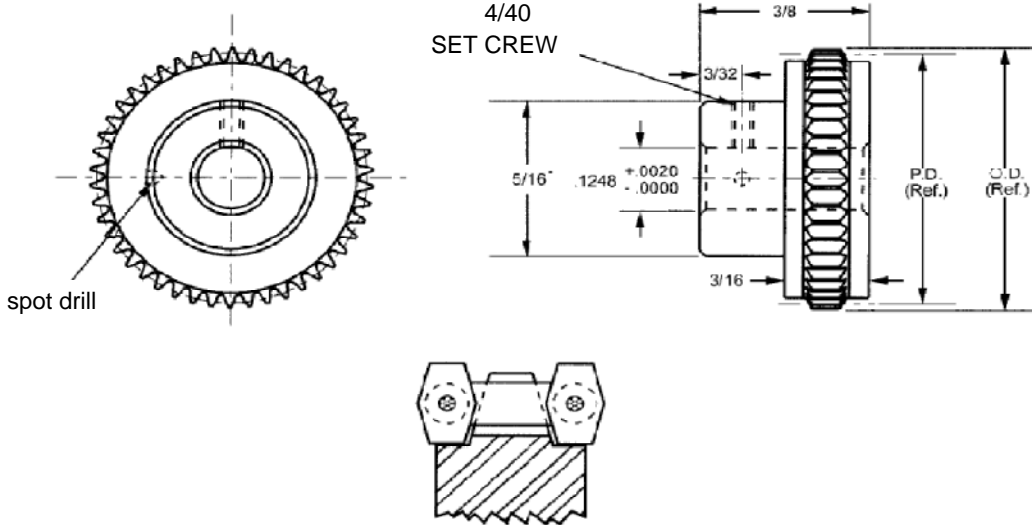
**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**



# SPROCKET GEARS

32 PITCH (.0982 CIRCULAR PITCH)

1/8 " BORE



Material 303 SS  
Aluminum Clear anodize

Part Number	Number of teeth	Pitch Diameter	Outside diameter	Operates with Chain DP32D series
PG32A14-18	18	0.5625	0.625	
PG32A14-19	20	0.625	0.687	
PG32A14-20	22	0.6875	0.750	
PG32A14-21	24	0.750	0.812	
PG32A14-40	40	1.2500	1.312	
PG32A14-128	128	3.5000	3.562	
Sprockets available on short delivery to your requirements				
Number of teeth				
Part Number	Minimum		Maximum	
PG32A14-	10		128	

To complete part number add number of teeth-Example PG32A14-80  
For clamp style the call factory

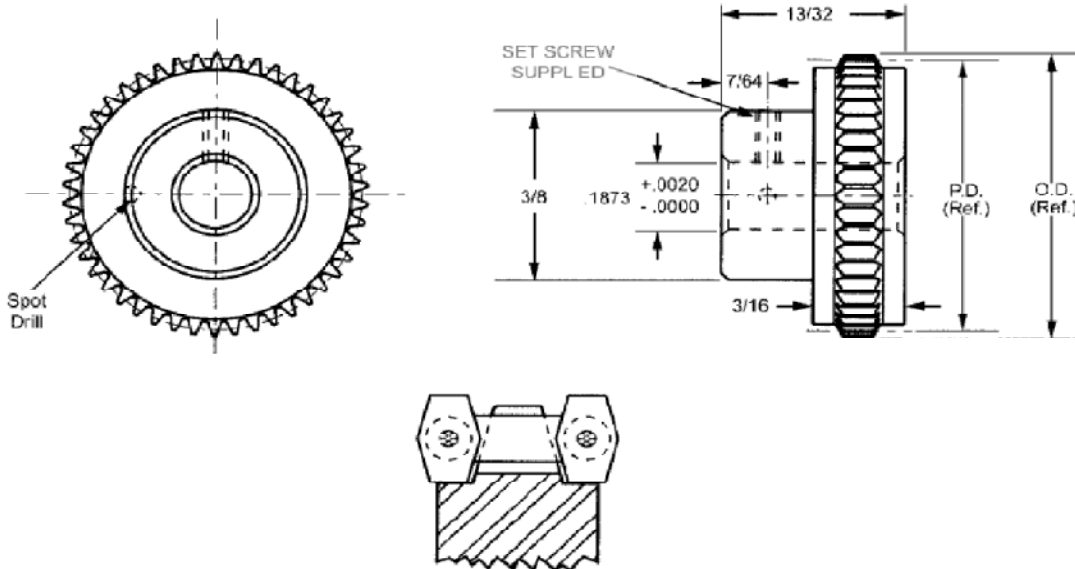
S= SS  
A= ALUMINUM.

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKET GEARS

32 PITCH (.0982 CIRCULAR PITCH)

3/16" BORE



Material  
303 SS  
Aluminum Clear Anodize

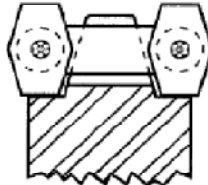
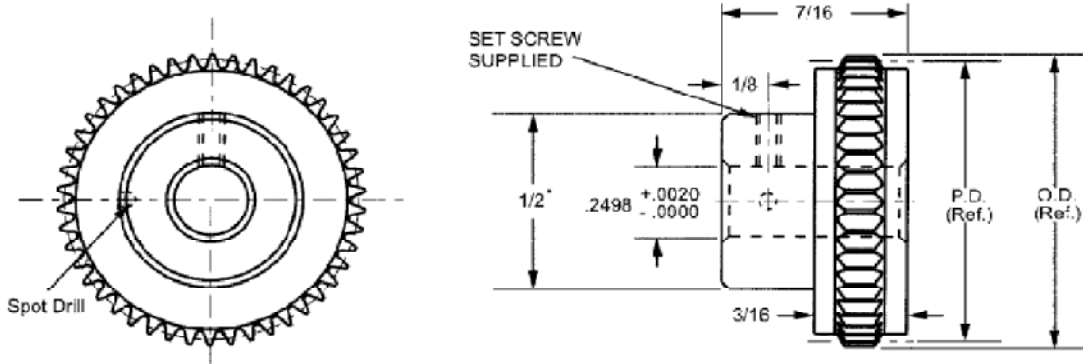
Part Number	Number of teeth	Pitch Diameter	Outside diameter	Operates with Chain DP32D/DP32K series
PG32A21-18	18	0.5625	0.625	
PG32A21-19	20	0.625	0.687	
PG32A21-20	22	0.6875	0.750	
PG32A21-21	24	0.750	0.812	
PG32A21-40	40	1.2500	1.312	
PG32A21-128	128	3.5000	3.562	
Sprockets available on short delivery at your request				
<b>Number of teeth</b>				
<b>Part Number</b>	<b>Minimum</b>		<b>Maximum</b>	
PG32A21-	10		128	

To complete part number add number of teeth-Example PG32A21-80  
For clamp style call factory

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKET GEARS

32 PITCH (0.0982 CIRCULAR PITCH)



Sprockets .500 P.D.. and smaller are to be use for idler only  
can not be used as a spur Gear.

Material 303 SS  
Aluminum Clear Anodize

Part Number	Number of teeth	Pitch Diameter	Outside Diameter	Operates with Cable chain DP32D/DP32K series								
PG32A28-14	14	0.4375	0.500									
PG32A28-15	15	0.4687	0.531									
PG32A28-16	16	0.5000	0.562									
PG32A28-22	22	0.688	0.750									
PG32A28-30	30	0.9375	1.000									
PG32A28-31	128	4.000	4.062									
Sprockets available on short delivery at your request												
<table border="1"> <thead> <tr> <th rowspan="2">Part Number</th> <th colspan="2">Number of teeth</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>PG32A28-</td> <td>10</td> <td>80</td> </tr> </tbody> </table>					Part Number	Number of teeth		Minimum	Maximum	PG32A28-	10	80
Part Number	Number of teeth											
	Minimum	Maximum										
PG32A28-	10	80										

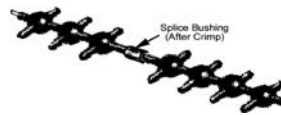
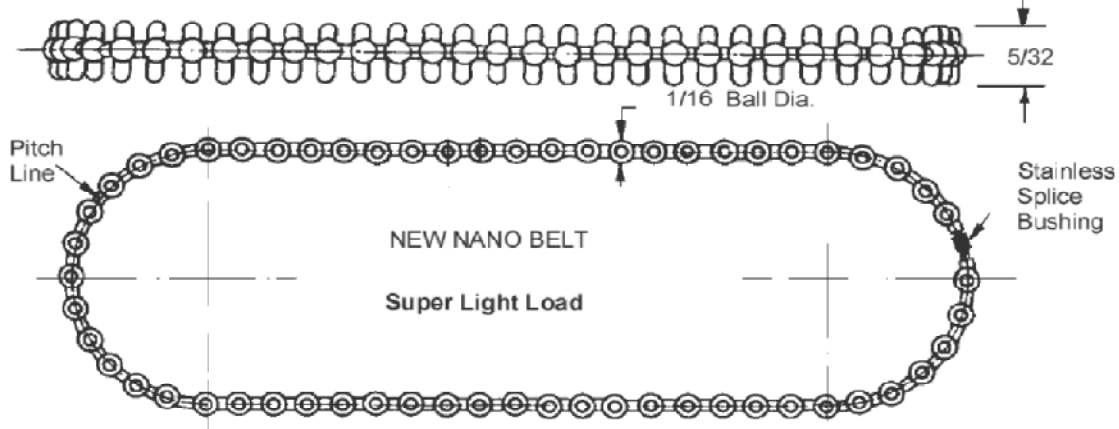
To complete part number add number of teeth-Example PG32A28-80  
For clamp style call factory

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

NEW PRODUCT

# 48 PITCH NANO BELT

.0645 C.P.,



- For Field Splice Kit order DP48S-7
- \* Available with Aramid Core. for reverse bending applications.
- \*\* Reduce operating load rating by 50% for field splices.

- Accommodates twists and turns
- Odd Angles
- Infinite Lengths
- Silent Drive
- Weight .09 oz./ft.
- Positive Drive
- Zero Backlash
- No Lubrication
- 90A Durometer
- Ultimate Tensile Strength 30 lbs. - 4 lbs./Pin when belt is used in open loop configuration (without splice, no crimp bushing).
- Temperature Range +180°F to -15°F
- Recommended Operating Load 4-8 lbs.
- Recommended Max. Operating Speed 376 feet/min.

Other numbers of pitches available on request.

## Now available in medical grade

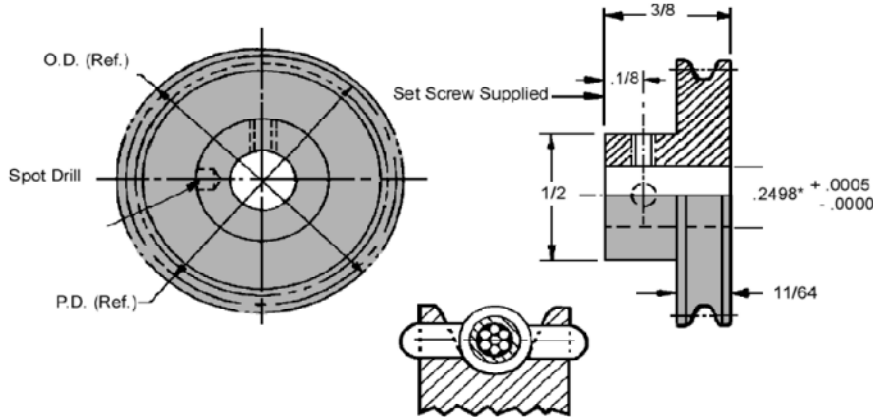
ST. STEEL STOCK #	KEVLAR STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE	
DP48S-49	DP48K-49	49	3.822	STOCK #	
DP48S-52	DP48K-52	52	4.056		
DP48S-53	DP48K-53	53	4.134	DP48S-5FT	5FT LENGTH
DP48S-64	DP48K-64	64	4.992	DP48S-10FT	10FT LENGTH
DP48S-67	DP48K-67	67	5.226	DP48S-25FT	25FT LENGTH
DP48S-75	DP48K-75	75	5.07	DP48S-50FT	50FT LENGTH
DP48S-80	DP48K-80	80	6.24	DP48S-100FT	100FT LENGTH
DP48S-95	DP48S-95	95	7.41	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  EXAMPLE DP48S- 305  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS	
DP48S-57	DP48K-57	112	8.736		
DP48S-112	DP48K-112	126	9.828		
DP48S-128	DP48K-128	128	9.984		
DP48S-144	DP48K-144	144	11.232		
DP48S-158	DP48K-158	158	12.324		
DP48S-176	DP48K-176	176	13.728		
DP48S-189	DP48K-189	189	14.742		
DP48S-208	DP48K-208	208	16.224		
DP48S-220	DP48K-220	220	17.16		

FOR LENGTH OVER 100' FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# Power Drive NEW NANO GEAR SPROCKET

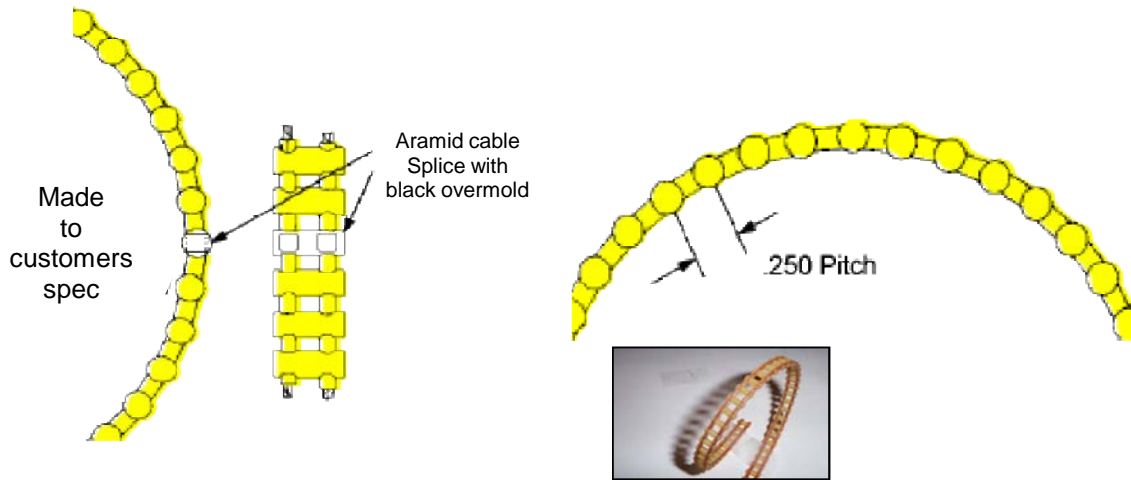
48 PITCH (.0780 CIRCULAR PITCH) 20 PA



STAINLESS STEEL PART NUMBER PIN HUB			ALUMINUM PART NUMBER PIN HUB			NO. OF TEETH	P.D.	O.D.
A : .1248	A : .1873	A : .2498	A : .1248	A : .1873	A : .2498			
B : .250	B : .313	B : .375	B : .250	B : .313	B : .375			
E : .188	E : .250	A : .312	E : .188	E : .250	A : .312			
P48S2-16	-	-	P 48A216	-	-	16	0.3333	0.375
P48S2-17	-	-	P 48A2-17	-	-	17	0.3541	0.396
P48S2-18	P 48S3-18	-	P48A2-18	P48A3-18	-	18	0.3750	0.417
P 8S2-19	P 48S3-19	-	P48A2-19	P48A3-19	-	19	0.3958	0.438
P48S2-20	P48S3-20	-	P48A2-20	P48A3-20	-	20	0.4166	0.458
P48S2-21	P48S3-21	P48S4-21	P48A2-21	P48A3-21	P48A4-21	21	0.4375	0.479
P 8S2-22	P48S3-22	P48S4-22	P48A2-22	P48A3-22	P48A4-22	22	0.4583	0.500
P48S2-23	P48S3-23	P48S4-23	P48A2-23	P48A3-23	P48A4-23	23	0.4791	0.521
P48S2-24	P48S3-24	P48S4-24	P48A2-24	P48A3-24	P48A4-24	24	0.5000	0.542
P48S2-25	P48S3-25	P48S4-25	P48A2-25	P48A3-25	P48A4-25	25	0.5208	0.563
P48S2-26	P48S3-26	P48S4-26	P48A2-26	P48A3-26	P48A4-26	26	0.5416	0.583
P48S2-27	P48S3-27	P48S4-27	P48A2-27	P48A3-27	P48A4-27	27	0.5625	0.604
P48S2-28	P48S3-28	P48S4-28	P48A2-28	P48A3-28	P48A4-28	28	0.5833	0.625
P48S2-29	P48S3-29	P48S4-29	P48A2-29	P48A3-29	P48A4-29	29	0.6041	0.646
P48S2-30	P48S3-30	P48S4-30	P48A2-30	P48A3-30	P48A4-30	30	0.6250	0.667
P48S2-32	P48S3-32	P48S4-32	P48A2-32	P48A3-32	P48A4-32	32	0.6666	0.708
P48S2-34	P48S3-34	P48S4-34	P48A2-34	P48A3-34	P48A4-34	34	0.7083	0.750
P48S2-36	P48S3-36	P48S4-36	P48A2-36	P48A3-36	P48A4-36	36	0.7500	0.792
P48S2-38	P48S3-38	P48S4-38	P48A2-38	P48A3-38	P48A4-38	38	0.7916	0.833
P48S2-40	P48S3-40	P48S4-40	P48A2-40	P48A3-40	P48A4-40	40	0.8333	0.875
P48S2-42	P48S3-42	P48S4-42	P48A2-42	P48A3-42	P48A4-42	42	0.8750	0.917
P48S2-44	P48S3-44	P48S4-44	P48A2-44	P48A3-44	P48A4-44	44	0.9166	0.958
P48S2-46	P48S3-46	P48S4-46	P48A2-46	P48A3-46	P48A4-46	46	0.9583	1.000
P48S2-48	P48S3-48	P48S4-48	P48A2-48	P48A3-48	P48A4-48	48	1.0000	1.042
P48S2-50	P48S3-50	P48S4-50	P48A2-50	P48A3-50	P48A4-50	50	1.0416	1.083
P48S2-55	P48S3-55	P48S4-55	P48A2-55	P48A3-55	P48A4-55	55	1.1458	1.188

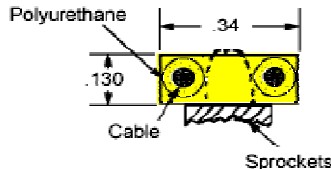
# POWER CHAIN

**.250 PITCH  
NO  
LUBRICATION**



Material Aramid fiber and Polyurethane

- Zero backlash
- Silent chain
- No Lubrication needed
- Positive drive
- Extra strong



- 1/32 Cable Stainless steel and Aramid fit
- Color Yellow
- Hardness- 90 shore A
- Max. Operating Tensile 75 lb on Aramid f
- Light weight
- Recommended Operating load 10-40 lb
- recommended Max RPM 1800

Weight=0.11 oz/ft

Temp.-15 F +180 F Available in other material like Nylon for more detail contact factory

Now available in medical grade

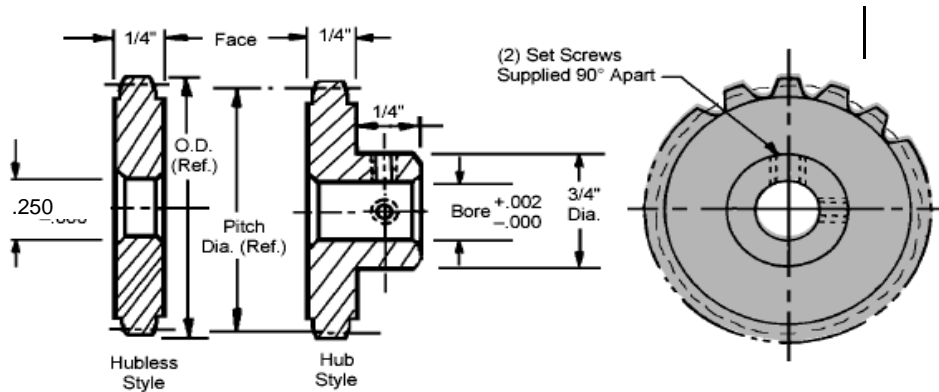
ST. STEEL STOCK #	KEVLAR STOCK #	NO. OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP25S-40	DP25K-40	40	10.000	STOCK #		
DP25S-50	DP25K-50	50	12.500			
DP25S-60	DP25K-60	60	15.000	DP25S-5FT	DP25K-5FT	5FT LENGTH
DP25S-70	DP25K-70	70	17.500	DP25S-10FT	DP25K-10FT	10FT LENGTH
DP25S-80	DP25K-80	80	20.000	DP25S-25FT	DP25K-25FT	25FT LENGTH
DP25S-100	DP25K-100	100	25.000	DP25S-50FT	DP25K-50FT	50FT LENGTH
DP25S-110	DP25K-110	110	27.500	DP25S-100FT	DP25K-100FT	100FT LENGTH
DP25S-120	DP25K-120	120	30.000	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER EXAMPLE DP25S - # OF PITCHES EXAMPLE DP25K - # OF PITCHES  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS		
DP25S-140	DP25K-140	140	35.000			
DP32S-150	DP32K-150	150	37.500			
DP25S-160	DP25K-160	160	40.000			
DP25S-180	DP25K-180	180	45.000			
DP25S-190	DP25K-190	190	47.500			
DP25S-200	DP25K-200	200	50.000			
DP25S-210	DP25K-210	210	52.500			
DP25S-220	DP25K-220	220	55.000			
DP25S-230	DP25K-230	230	57.500			

FOR LENGTH OVER 100' FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPROCKETS

.250 CIRCULAR PITCH



Material: 303 SS (Clear passivate)

RUNS WITH DP25S CHAIN

Material: Aluminum Anodize

HUBLESS Part Number	HUB STYLE Part Number	HUB STYLE Part Number	HUBLESS Part Number	Number of teeth	Pitch Diameter	Outside diameter
.375 BORE	.250 BORE	.375 BORE	.500 BORE			
P25F3A-10	P25H2A-10	P25H3A-10	P25F4A-10	10	0.7957	0.915
P25F3A-15	P25H2A-15	P25F3A-15	P25F4A-15	15	1.1936	1.313
P25F3A-20	P25H2A-20	P25F3A-20	P25F4A-20	20	1.5915	1.711
P25F3A-25	P25H2A-25	P25F3A-25	P25F4A-25	25	1.989	2.109
P25F3A-30	P25H2A-30	P25F3A-30	P25F4A-30	30	2.3873	2.507
P25F3A-48	P25H2A-48	P25F3A-48	P25F4A-48	48	3.8197	3.939

Sprockets available on short delivery at your request

Part Number	Number of teeth	
	Minimum	Maximum
P25H3A-36	10	48

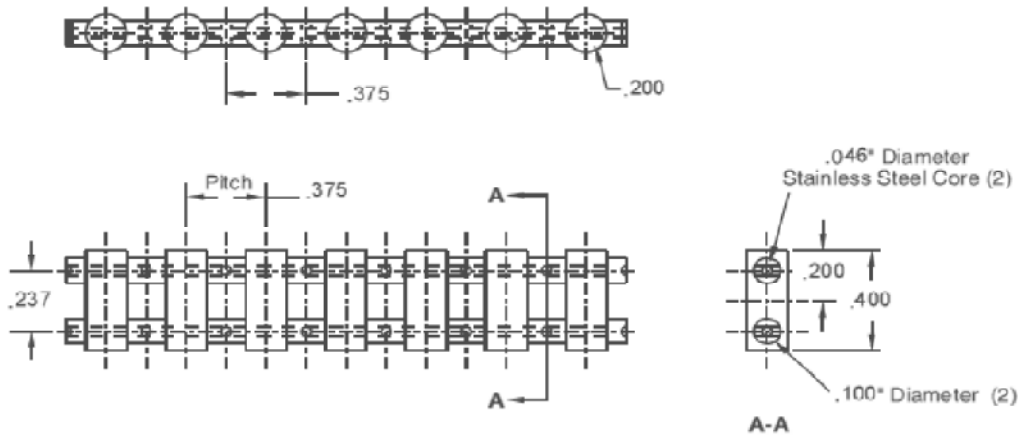
To complete part number add number of teeth-Example P25H3A-40

For clamp style call factory

S for steel  
A for Aluminum

POWER DRIVE 631-393-6767, 6768 FAX 631-393-6769

# .375 PITCH POWER CHAIN

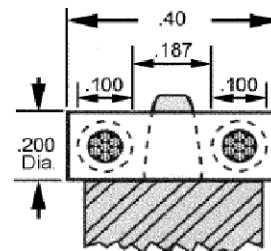


No Multiple Linkage Joints to Bind or Lubricate

## DP35S

- Ultimate tensile 200 lbs., 50 lb./pin - when belt is used in open loop
- Minimum Recommended Sprocket Diameter 1.375" P.D.
- Recommended Maximum Operating Speed 376 Feet/Min.
- Recommended Operating Load 55 lbs.

\*\* Reduce Operating Load Rating by 50% for field splices.



Weight=0.11 oz/ft

Temp.-15 F +180 F Available in other material like Nylon for more detail contact the factory

STOCK #	STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP35S-40	DP35K-40	40	15.000	<b>STOCK #</b>		
DP35S-50	DP35K-50	50	18.750			
DP35S-60	DP35K-60	60	22.500	DP35S-5FT	DP35K-5FT	5FT LENGTH
DP35S-70	DP35K-70	70	26.250	DP35S-10FT	DP35K-10FT	10FT LENGTH
DP35S-80	DP35K-80	80	30.000	DP35S-25FT	DP35K-25FT	25FT LENGTH
DP35S-100	DP35K-100	100	37.500	DP35S-50FT	DP35K-50FT	50FT LENGTH
DP35S-110	DP35K-110	110	41.250	DP35S-100FT	DP35K-100FT	100FT LENGTH
DP35S-120	DP35K-120	120	45.000	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER EXAMPLE DP35S - # OF PITCHES EXAMPLE DP35K - # OF PITCHES  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS		
DP35S-140	DP35K-140	140	52.500			
DP35S-150	DP35K-150	150	56.250			
DP35S-160	DP35K-160	160	60.000			
DP35S-180	DP35K-180	180	67.500			
DP35S-190	DP35K-190	190	71.250			
DP35S-200	DP35K-200	200	75.000			
DP35S-210	DP35K-210	210	78.750			
DP35S-220	DP35K-220	220	82.500			
DP35S-230	DP35K-230	230	82.500			

FOR LENGTH OVER 100' FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

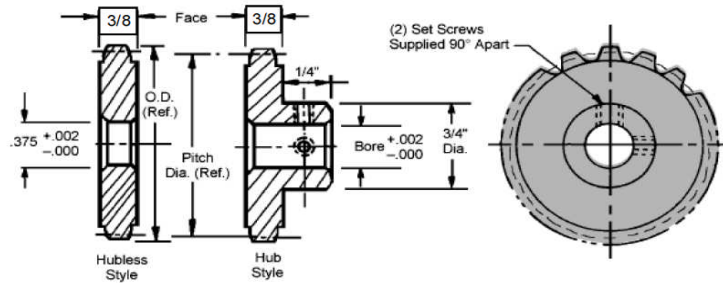
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# CHAIN SPROCKETS

OPERATES WITH CHAIN DP35 SERIES

.375 INCH CIRCULAR PITCH



Material: Aluminum Anodize or 303 SS

Hubless Part Number	HUB Style Part Number	HUB Style Part Number	Hubless Part Number	Number of teeth	Pitch Diameter	Outside diameter
.375 BORE	.250 BORE	.375 BORE	.500 BORE			
P35F3A-8	P35H2A-8	P35H3A-8	P35F4A-8	8	0.9549	1.154
P35F3A-15	P35H2A-15	P35F3A-15	P35F4A-15	15	1.7904	1.99
P35F3A-20	P35H2A-20	P35F3A-20	P35F4A-20	20	2.3873	2.587
P35F3A-25	P35H2A-25	P35F3A-25	P35F4A-25	25	2.9841	3.184
P35F3A-30	P35H2A-30	P35F3A-30	P35F4A-30	30	3.5809	3.781
P35F3A-48	P35H2A-48	P35F3A-48	P35F4A-48	48	5.7295	5.929

Sprockets available on short delivery at your request

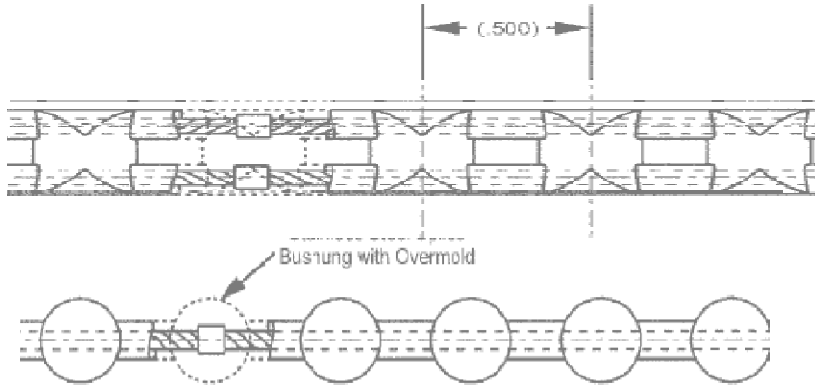
Part Number	Number of teeth	
	Minimum	Maximum
P35H3A-36	8	48

To complete part number add number of teeth-Example P35H3A-36  
 Number of teeth =36, Hub style, .375 Bore, A for Aluminum  
 Change A to S for Stainless Steel

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# .500 PITCH POWER CABLE CHAIN

.500 CIRCULAR PITCH

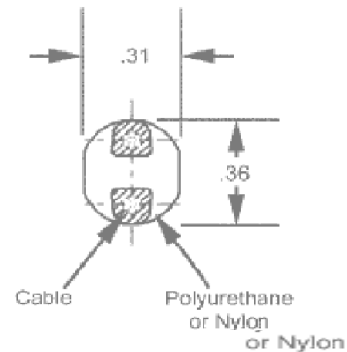


No Multiple Linkage Joints to Bind or Lubricate

• Aramid & Anti-Static alternate construction available.  
Aramid Core and/or Anti-Static Materials, and reverse belt bending applications available.

- Infinite Lengths
- Rust Proof
- Non Magnetic
- Zero Backlash
- No Lubrication Required
- Positive Drive
- Weight 1.20 oz./ft.
- 90A Durometer
- Ultimate Tensile Strength 300 lbs. (70 lbs./PIN)  
When belt is used in an open loop configuration (without splice, no crimp bushing)
- Temperature Range +250°F to -40°F
- Recommended Operating Load 75 lbs.
- Recommended Operating Speed 376 Feet/MIN.

Other lengths available on request.



STOCK #	STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP50S-20	DP50K-20	20	10.000	<b>STOCK #</b>		
DP50S-26	DP50K-26	26	13.000			
DP50S-30	DP50K-30	30	15.000	DP50S-5FT	DP50K-5FT	5FT LENGTH
DP50S-36	DP50K-36	36	18.000	DP50S-10FT	DP50K-10FT	10FT LENGTH
DP50S-40	DP50K-40	40	20.000	DP50S-25FT	DP50K-25FT	25FT LENGTH
DP50S-50	DP50K-50	50	25.000	DP50S-50FT	DP50K-50FT	50FT LENGTH
DP50S-60	DP50K-60	60	30.000	DP50S-100FT	DP50K-100FT	100FT LENGTH
DP50S-68	DP50K-68	68	34.000	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER EXAMPLE DP50S - # OF PITCHES EXAMPLE DP50K - # OF PITCHES IT IS AVAILABLE IN POLYURETHANE AND NYLON FOR POLYURETHANE DP50S-20 FOR NYLON ADD N AFTER PITCH DP50S-20N NO ADDITIONAL CHARGE FOR SPECIAL ORDERS		
DP50S-72	DP50K-72	72	36.000			
DP50S-80	DP50K-80	80	40.000			
DP50S-92	DP50K-92	92	46.000			
DP50S-100	DP50K-100	100	50.000			
DP50S-108	DP50K-108	108	54.000			
DP50S-116	DP50K-116	116	58.000			
DP50S-130	DP50K-130	130	65.000			
DP50S-140	DP50K-140	140	70.000			
DP50S-200	DP50K-200	200	100.000			

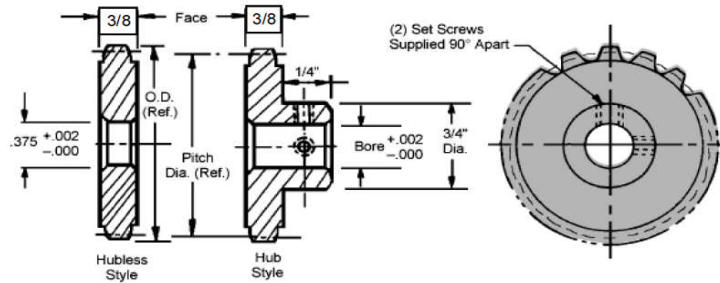
FOR LENGTH OVER 100' FT CONTACT THE FACTORY FOR AVAILABILITY AND DELIVERY

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# CHAIN SPROCKETS

OPERATES WITH CHAIN DP50 SERIES

.500 INCH CIRCULAR PITCH



Material: Aluminum Anodize or 303SS

HUBLESS Part Number .375 BORE	HUB STYLE Part Number .250 BORE	HUB STYLE Part Number .375 BORE	HUBLES SPart Number .500 BORE	Number of teeth	Pitch Diameter	Outside diameter
P50F3A-8	P50H2A-8	P50H3A-8	P50F4A-8	8	1.273	1.523
P50F3A-15	P50H2A-15	P50F3A-15	P50F4A-15	15	2.387	2.637
P50F3A-20	P50H2A-20	P50F3A-20	P50F4A-20	20	3.183	3.433
P50F3A-25	P50H2A-25	P50F3A-25	P50F4A-25	25	3.9780	4.228
P50F3A-30	P50H2A-30	P50F3A-30	P50F4A-30	30	4.7740	5.024
P50F3A-38	P50H2A-38	P50F3A-38	P50F4A-38	38	6.047	6.297

Sprockets available on short delivery to your requirements

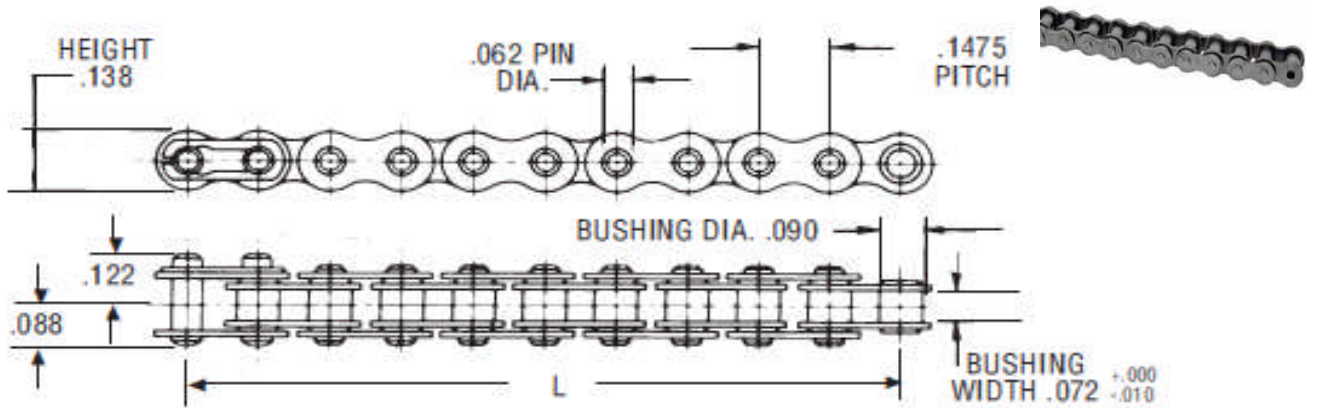
Part Number	Number of teeth	
	Minimum	Maximum
P50H3A-36	8	38

To complete part number add number of teeth-Example P50H3A-36  
 Number of teeth =36, Hub style, .375 Bore, A for Aluminum  
 Change A to S for Stainless Steel

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

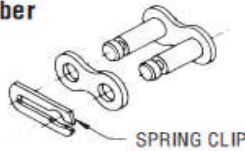
# .1475 MINI ROLLER CHAIN

ROLLER LESS .035LBS./FT ( MUST BE LUBRICATED )  
 STAINLESS STEEL NON MAGNETIC




Extra Connectors Available

Catalog Number EL-C



Material: Stainless Steel Type 18-8  
 Tensile Strength: 180 lbs. Average

Weight per Foot: .035 lbs.

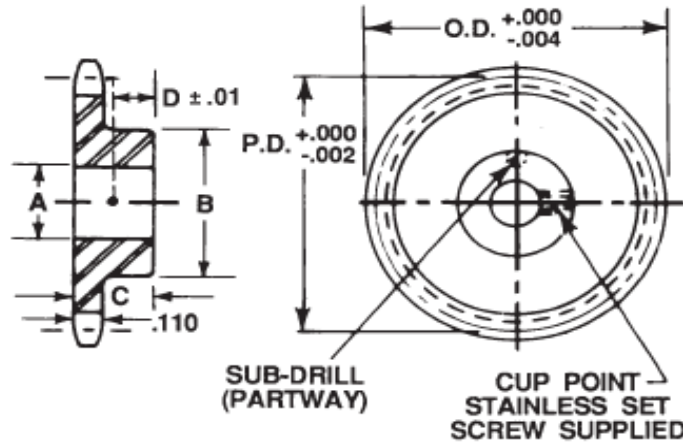
STOCK NO	LENGTH	STOCK NO	LENGTH	BULK FOOTAGE		
R14SS-40	5.900	R14SS-230	33.9250			
R14SS-50	7.375	R14SS-240	35.4000	R14SS-5FT		5 FT LENGTH
R14SS-60	8.850	R14SS-250	36.8750	R14SS-10FT		10 FT LENGTH
R14SS-70	10.325	R14SS-260	38.3500	R14SS-25FT		25 FT LENGTH
R14SS-80	11.800	R14SS-270	39.8250	R14SS-50FT		50 FT LENGTH
R14SS-90	13.275	R14SS-280	41.3000	R14SS-100FT		100 FT LENGTH
R14SS-100	14.750	R14SS-290	42.7750	Note: No Additional charge for Assembly. 		
R14SS-110	16.225	R14SS-300	44.2500			
R14SS-120	17.700	R14SS-310	44.7250			
R14SS-130	19.175	R14SS-320	47.2000			
R14SS-140	20.650	R14SS-330	50.1500			
R14SS-150	22.125	R14SS-340	51.6250			
R14SS-160	23.000	R14SS-350	53.1000			
R14SS-170	25.075	R14SS-360	54.5750			
R14SS-180	26.550	R14SS-370	56.0560			
R14SS-190	28.025	R14SS-380	57.5240			
R14SS-200	29.500	R14SS-390	57.5250			
R14SS-210	30.975	R14SS-400	57.9750			
R14SS-220	32.450					

ASSEMBLIE AVAILABLE AT NO EXTRA COST.

PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769

# MINI SPROCKETS

.1475 CIRCULAR PITCH 303 SS 1/8" to 1/4" Bores



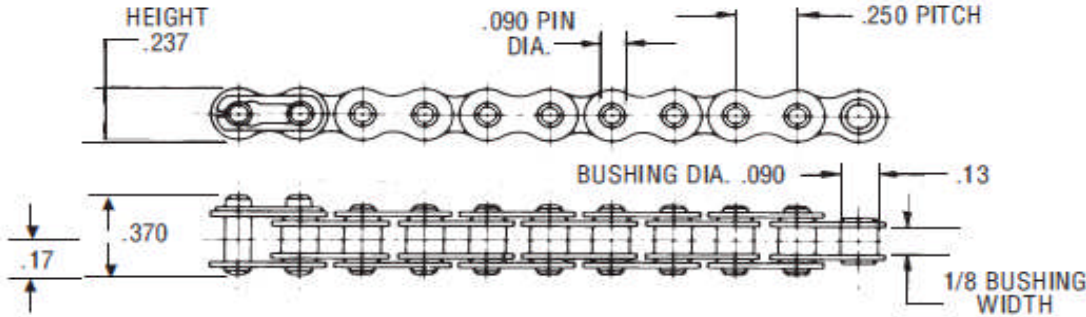
7-11  
TEETH UNDERCUT

**Sprocket Material:** Stainless Steel  
2024-T4 Aluminum (Anodize Before Cutting)

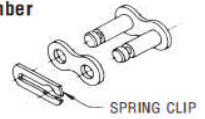
STOCK NO.	A	B	O/L	SET SCREW	NO OF TEETH	P.D.	O.D.
RCS-7	0.094	15/64	11/32	NONE	7	0.3400	0.391
RCS-8		9/32		#2-56	8	0.3854	0.437
RCS-9		21/64			9	0.4313	0.483
RCS-11					10	0.4773	0.529
RCS-10	0.188	3/8			11	0.5235	0.575
RCS-12		3/8			12	0.5699	0.621
RCS-13		25/64		#4-40	13	0.6163	0.668
RCS-14		25/64			14	0.6629	0.714
RCS-15		25/64			15	0.7094	0.761
RCS-16		17/32			16	0.7561	0.808
RCS-18	0.250	9/16			18	0.8494	0.901
RCS-20		21/32			20	0.9429	0.994
RCS-22			13/32	#6-32	22	1.0364	1.088
RCS-24					24	1.1300	1.182
RCS-28					28	1.3174	1.369
RCS-30					30	1.4111	1.463
RCS-34					34	1.5986	1.65
RCS-36					36	1.6924	1.744
RCS-40					40	1.8800	1.932
RCS-48					48	2.2552	2.307

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# .250 PITCH CHAIN



Extra Connectors Available  
 Catalog Number EL25-C



Chain Material: Stainless Steel Type 18-8  
 Tensile Strength: 700 lbs. Average

Weight per Foot: .0828 lbs.

**All Chains Supplied With Connectors**

Random lengths available: Specify part number by indicating total number of links ÷ 10 after series number. Specify even numbers of links including connector.

STOCK NO	LENGTH	STOCK NO	LENGTH	BULK FOOTAGE	
R25SS-40	5.900	R25SS-230	33.9250		
R25SS-50	7.375	R25SS-240	35.4000	R25SS-5FT	5 FT LENGTH
R25SS-60	8.850	R25SS-250	36.8750	R25SS-10FT	10 FT LENGTH
R25SS-70	10.325	R25SS-260	38.3500	R25SS-25FT	25 FT LENGTH
R25SS-80	11.800	R25SS-270	39.8250	R25SS-50FT	50 FT LENGTH
R25SS-90	13.275	R25SS-280	41.3000	R25SS-100FT	100 FT LENGTH
R25SS-100	14.750	R25SS-290	42.7750		
R25SS-110	16.225	R25SS-300	44.2500		
R25SS-120	17.700	R25SS-310	44.7250		
R25SS-130	19.175	R25SS-320	47.2000		
R25SS-140	20.650	R25SS-330	50.1500		
R25SS-150	22.125	R25SS-340	51.6250		
R25SS-160	23.000	R25SS-350	53.1000		
R25SS-170	25.075	R25SS-360	54.5750		
R25SS-180	26.550	R25SS-370	56.0560		
R25SS-190	28.025	R25SS-380	57.5240		
R25SS-200	29.500	R25SS-390	57.5250		
R25SS-210	30.975	R25SS-400	57.9750		
R25SS-220	32.450				

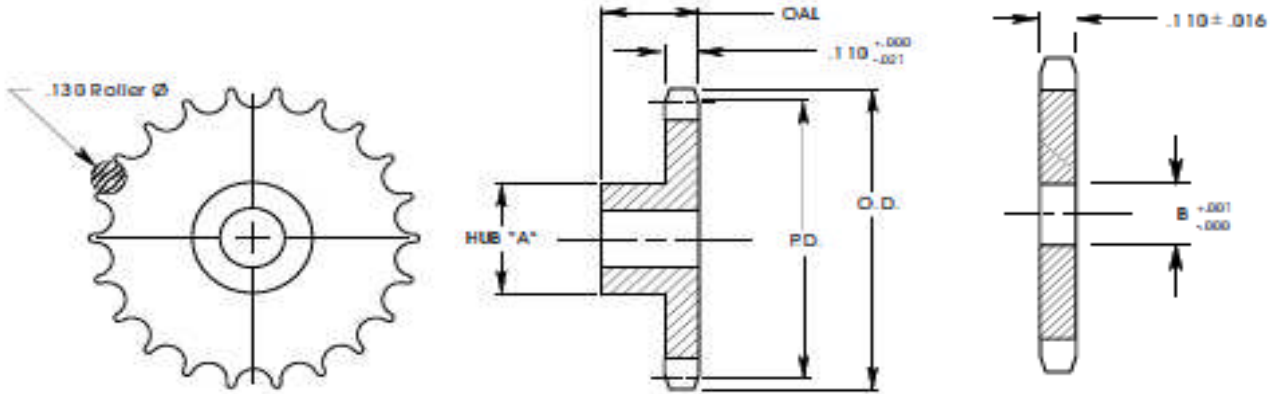
Note: No Additional charge for Assembly.



PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769

# MINI SPROCKETS

**.250" Circular Pitch**  
**Hub & Hubless Style**  
 Bore 1/4 • 3/8 • 1/2



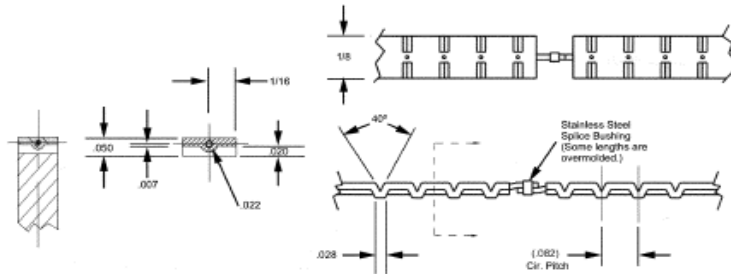
# of Teeth	P.D.	O.D	Hub "A"	OAL	Bore	Hub Part No.	Bore	Hubless Part No
9	0.731	0.836	0.430	0.500	0.250	R25SS-9	0.250	R25SSHL-9
10	0.809	0.919	0.500	0.500	0.250	R25SS-10	0.250	R25SSHL-10
18	1.4397	1.567	1.120	0.500	0.250	R25SS-18	0.250	R25SSHL-18
26	2.0741	2.208	1.500	0.620	0.375	R25SS-26	0.375	R25SSHL-26
40	3.1860	3.326	2.000	0.750	0.500	R25SS-40	0.500	R25SSHL-40
72	5.7310	5.875	2.000	0.750	0.500	R25SS-72	0.750	R25SSHL-72

FOR ANY OTHER LENGTH JUST REFER TO TO PART # AS R25SS- No of teeth

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# TIMING BELTS

40 PITCH .0816 CIRCULAR PITCH



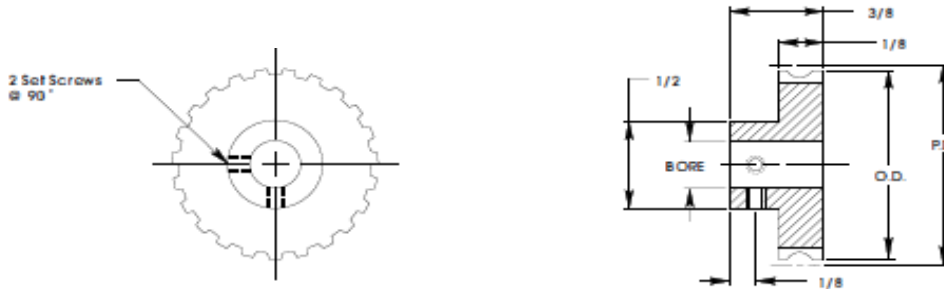
- \* No Flange
- \* Compact design
- \* No lubrication
- \* Infinite Length
- \* Silent Drive
- \* Light Weight
- \* Positive Drive
- \* No walk
- \* Extra Strong

- \* .018" Diam. Stainless Steel and Aramid Cable
- \* Weight .05 Oz./ft
- 90A Polyurethane
- Standard color Black ( Available in other color )
- Tensile strength 20 Lbs.
- Temp. Range + 180 F' to -15 F'
- Recommended Operating load 4-5 lbs.
- Recommended Max. Operating Speed 1800 RPM

Now available in medical grade

AVAILABLE IN ANY LENGTH STARTING FROM 24 PITCHE  
 FOR ALL LENGTH OF BELTS JUST FILL IN  
 THE SPACE NEXT TO THE PART NUMBER  
**EXAMPLE ( DP8S- 440 )**

# TIMING BELT PULLEY



MATERIAL ALUMINUM BLACK ANODIZED

Pulley .468 and smaller are recommended for Idler use only  
 Available in any number of teeth contact the factory or just fill in the part number

**Example 8PD - 72 teeth Available in .125 bore, .187 bore and .250 bore**  
 specify the bore you need

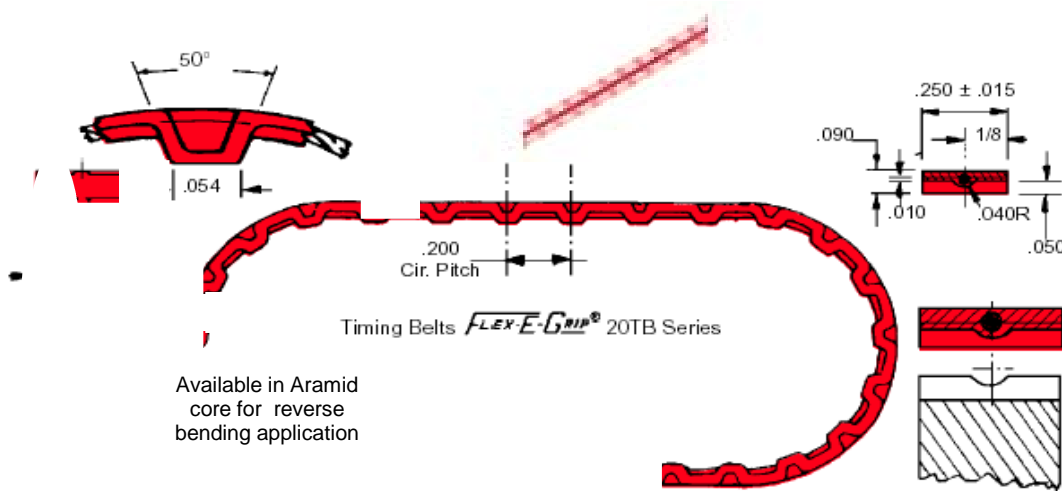
THERE IS 8-WEEKS DELIVERY TIME FOR THIS PRODUCT

**PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769**



# TIMING BELTS

1/5 PITCH (XXL) .200 CIRCULAR PITCH



Available in Aramid core for reverse bending application

Stainless steel splice bushing and over molded

- \* No Flange
- \* Compact design
- \* No lubrication
- \* Infinite Length
- \* Silent Drive
- \* Light Weight
- \* Positive Drive
- \* No walk
- \* Extra Strong

- \* 1/32" Diam. Stainless Steel and Aramid Cable
- \* Weight .10 Oz./ft
- 90A Polyurethane duro
- Standard color Red ( Available in other color )
- Tensile strength 60 Lbs.
- Temp. Range + 180 F' to 15 F'
- Recommended Operating load 10-15 lbs.
- Recommended Max. Operating Speed 1800 RPM

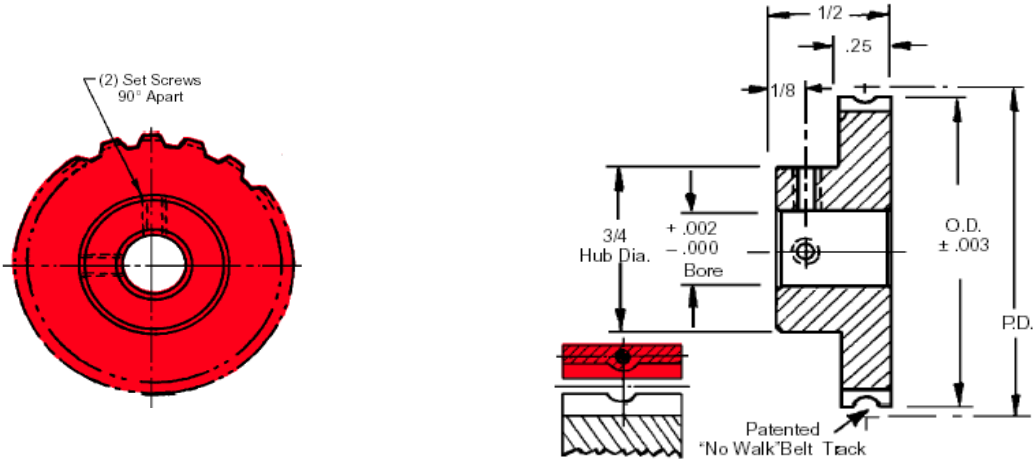
Now available in medical grade

STOCK #	STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP20S-40	DP20K-40	40	8.000	STOCK #	STOCK #	
DP20S-45	DP20K-45	45	9.000			
DP20S-50	DP20K-50	50	10.000	DP20S-5FT	DP20K-5FT	5FT LENGTH
DP20S-55	DP20K-55	55	11.000	DP20S-10FT	DP20K-10FT	10FT LENGTH
DP20S-60	DP20K-60	60	12.000	DP20S-25FT	DP20K-25FT	25FT LENGTH
DP20S-65	DP20K-65	65	13.000	DP20S-50FT	DP20K-50FT	50FT LENGTH
DP20S-70	DP20K-70	70	14.000	DP20S-100FT	DP20K-100FT	100FT LENGTH
DP20S-80	DP20K-80	80	16.000	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT TO THE PART NUMBER  <b>EXAMPLE ( DP20K- 440 )</b>  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS		
DP20S-85	DP20K-85	85	17.000			
DP20S-90	DP20K-90	90	18.000			
DP20S-95	DP20K-95	95	19.000			
DP20S-100	DP20K-100	100	20.000			
DP20S-105	DP20K-105	105	21.000			
DP20S-110	DP20K-110	110	22.000			
DP20S-115	DP20K-115	115	23.000			
DP20S-120	DP20K-120	120	24.000			
DP20S-125	DP20K-125	125	25.000			

PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769

# TIMING BELT PULLEY

1/5 PITCH ( XXL ) .200 CIRCULAR PITCH



.250 BORE STOCK NO.	.375 BORE STOCK NO.	.500 BORE STOCK NO.	NO. OF TEETH	PITCH DIAM.	OUTSIDE DIAM.
20PD2-20	20PD3-20	20PD5-20	20	1.2732	1.253
20PD2-21	20PD3-21	20PD5-21	21	1.3369	1.316
20PD2-22	20PD3-22	20PD5-22	22	1.4006	1.38
20PD2-23	20PD3-23	20PD5-23	23	1.4642	1.444
20PD2-24	20PD3-24	20PD5-24	24	1.5279	1.507
20PD2-25	20PD3-25	20PD5-25	25	1.5916	1.571
20PD2-26	20PD3-26	20PD5-26	26	1.6552	1.614
20PD2-27	20PD3-27	20PD5-27	27	1.7189	1.698
20PD2-28	20PD3-28	20PD5-28	28	1.7825	1.762
20PD2-29	20PD3-29	20PD5-29	29	1.8463	1.826
20PD2-30	20PD3-30	20PD5-30	30	1.9099	1.889
20PD2-31	20PD3-31	20PD5-31	31	1.9735	1.9529
20PD2-32	20PD3-32	20PD5-32	32	2.0371	2.017
20PD2-36	20PD3-36	20PD5-36	36	2.2918	2.271
20PD2-40	20PD3-40	20PD5-40	40	2.5465	2.526
20PD-42	20PD3-42	20PD5-42	42	2.6738	2.653

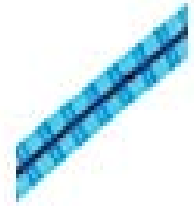
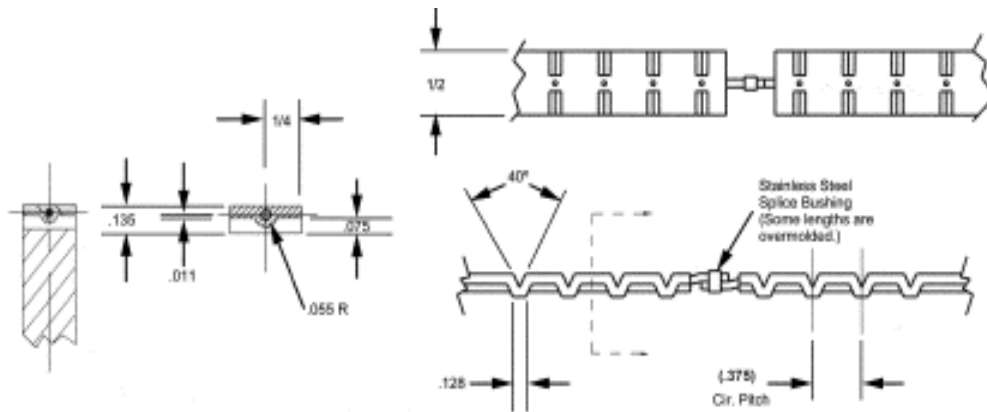
Note: Hub diameter may be under cut for pulleys smaller than 12 teeth  
 Pulley .750 and smaller are recommended for Idler use only  
 Available in any number of teeth contact the factory or just fill in the part number

**Example 20PD2 - 72 teeth**

**PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769**

# TIMING BELTS

3/8 PITCH (XXL) .375 CIRCULAR PITCH



- \* No Flange
- \* Compact design
- \* No lubrication
- \* Infinite Length
- \* Silent Drive
- \* Light Weight
- \* Positive Drive
- \* No walk
- \* Extra Strong

Available in Aramid Core for reverse bending application

Stainless steel splice bushing and over molded

\* 3/64" Diam. Stainless Steel and Aramid Cable

\* Weight .41 Oz./ft

90A Polyurethane

Standard color Blue ( Available in other color )

Tensile strength 125 Lbs.

Temp. Range + 180 F' to -15 F'

Recommended Operating load 25-30 lbs.

Recommended Max. Operating Speed 1800 RPM

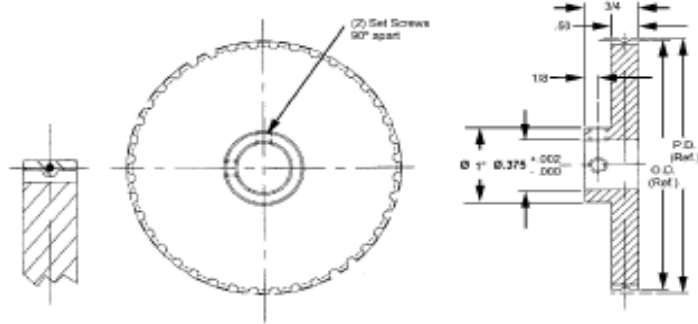
Now available in medical grade

STOCK #	STOCK #	NO.OF PITCHES	LENGTH INCHES	BULK FOOTAGE AVAILABLE		
DP37S-20	DP37K-20	20	7.500	STOCK #		
DP37S-26	DP37K-26	26	9.750			
DP37S-30	DP37K-30	30	11.250	DP37S-5FT	DP37K-5FT	5FT LENGTH
DP37S-40	DP37K-40	40	15.000	DP37S-10FT	DP37K-10FT	10FT LENGTH
DP37S-50	DP37K-50	50	18.750	DP37S-25FT	DP37K-25FT	25FT LENGTH
DP37S-60	DP37K-60	60	22.500	DP37S-50FT	DP37K-50FT	50FT LENGTH
DP37S-72	DP37K-72	72	27.000	DP37S-100FT	DP37K-100FT	100FT LENGTH
DP37S-80	DP37K-80	80	30.000	NOTE: FOR ALL OTHER LENGTH OF CHAINS JUST FILL IN THE SPACE NEXT T THE O PART NUMBER  <b>EXAMPLE ( DP37S- 440 )</b>  NO ADDITIONAL CHARGE FOR SPECIAL ORDERS		
DP37S-92	DP37K-92	92	34.500			
DP37S-100	DP37K-100	100	37.500			
DP37S-104	DP37K-104	104	39.000			
DP37S-112	DP37K-112	112	42.000			
DP37S-120	DP37K-120	120	45.000			
DP37S-132	DP37K-132	132	49.500			
DP37S-140	DP37K-140	140	52.500			
DP37S-152	DP37K-152	152	57.000			
DP37S-160	DP37K-160	160	60.000			

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# TIMING BELT PULLEY

3/8 PITCH .375 CIRCULAR PITCH



MATERIAL ALUMINUM BLUE ANODIZED

.250 BORE STOCK NO.	.375 BORE STOCK NO.	.500 BORE STOCK NO.	NO. OF TEETH	PITCH DIAM.	OUTSIDE DIAM.
37PD2-10	37PD3-10	37PD5-10	10	1.1937	1.164
37PD2-13	37PD3-13	37PD5-13	13	1.5518	1.522
37PD2-15	37PD3-15	37PD5-15	15	1.7905	1.761
37PD2-18	37PD3-18	37PD5-18	18	2.1486	2.119
37PD2-20	37PD3-20	37PD5-20	20	2.3873	2.358
37PD2-21	37PD3-21	37PD5-21	21	2.5067	2.477
37PD2-24	37PD3-24	37PD5-24	24	2.8648	2.835
37PD2-26	37PD3-26	37PD5-26	26	3.1035	3.074
37PD2-30	37PD3-30	37PD5-30	30	3.581	3.552
37PD2-32	37PD3-32	37PD5-32	32	3.8197	3.79
37PD2-36	37PD3-36	37PD5-36	36	4.2972	4.268

Pulley 1.375 and smaller are recommended for Idler use only

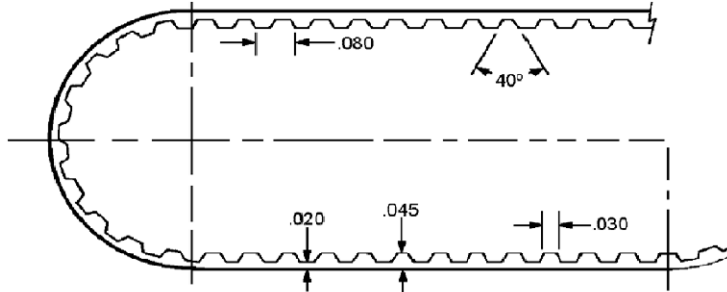
Available in any number of teeth contact the factory or just fill in the part number

**Example 37PD2 - 72 teeth**

**PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769**

# TIMING BELTS

.080 PITCH ( MXL)  
FOR 1/8, 3/16 AND 1/4" WIDE BELTS



- High Ratios
- Allows use of small diameter pulleys
- High Speeds
- High Power Transmission
- Long Life
- Wear Resistant Nylon Facing
- Low Profile
- Quiet Operation
- Maximum speed up to 20,000 RPM
- Minimum pulley diameter .25 (10 grooves)
- Temperature Range +185°F to -30°F

		Wide 1/8"	Wide 3/16"	Wide 1/4"			Wide 1/8"	Wide 3/16"	Wide 1/4"
Pitch Length	No. of Teeth	Part Number	Part Number	Part Number	Pitch Length	No. of Teeth	Part Number	Part Number	Part Number
14.72	184	P184MXL012	P184MXL019	P184MXL025	26.96	337	P337MXL012	P337MXL019	P337MXL025
15.20	190	P190MXL012	P190MXL019	P190MXL025	28.00	350	P350MXL012	P350MXL019	P350MXL025
15.60	195	P195MXL012	P195MXL019	P195MXL025	28.40	355	P355MXL012	P355MXL019	P355MXL025
16.00	200	P200MXL012	P200MXL019	P200MXL025	28.80	360	P360MXL012	P360MXL019	P360MXL025
16.80	210	P210MXL012	P210MXL019	P210MXL025	29.20	365	P365MXL012	P365MXL019	P365MXL025
17.20	215	P215MXL012	P215MXL019	P215MXL025	30.40	380	P380MXL012	P380MXL019	P380MXL025
18.00	225	P225MXL012	P225MXL019	P225MXL025	32.00	400	P400MXL012	P400MXL019	P400MXL025
18.56	232	P232MXL012	P232MXL019	P232MXL025	34.00	425	P425MXL012	P425MXL019	P425MXL025
19.20	240	P240MXL012	P240MXL019	P240MXL025	34.80	435	P435MXL012	P435MXL019	P435MXL025
20.00	250	P250MXL012	P250MXL019	P250MXL025	36.24	453	P453MXL012	P453MXL019	P453MXL025
20.80	260	P260MXL012	P260MXL019	P260MXL025	37.04	463	P463MXL012	P463MXL019	P463MXL025
21.20	265	P265MXL012	P265MXL019	P265MXL025	38.00	475	P475MXL012	P475MXL019	P475MXL025
22.40	280	P280MXL012	P280MXL019	P280MXL025	38.40	480	P480MXL012	P480MXL019	P480MXL025
23.20	290	P290MXL012	P290MXL019	P290MXL025	39.44	493	P493MXL012	P493MXL019	P493MXL025
23.60	295	P295MXL012	P295MXL019	P295MXL025	39.84	498	P498MXL012	P498MXL019	P498MXL025
24.00	300	P300MXL012	P300MXL019	P300MXL025	40.00	500	P500MXL012	P500MXL019	P500MXL025
24.40	305	P305MXL012	P305MXL019	P305MXL025	40.40	505	P505MXL012	P505MXL019	P505MXL025
24.80	310	P310MXL012	P310MXL019	P310MXL025	41.28	516	P516MXL012	P516MXL019	P516MXL025
25.20	315	P315MXL012	P315MXL019	P315MXL025	41.76	522	P522MXL012	P522MXL019	P522MXL025
25.60	320	P320MXL012	P320MXL019	P320MXL025	42.00	525	P525MXL012	P525MXL019	P525MXL025
26.40	330	P330MXL012	P330MXL019	P330MXL025	44.00	550	P550MXL012	P550MXL019	P550MXL025

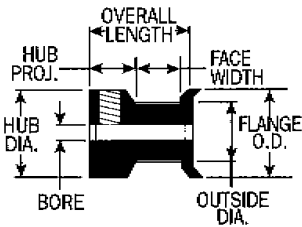
FOR ANY LENGTH CALL POWER DRIVE

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

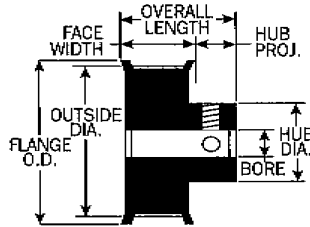
## .080 PITCH (MXL) TIMING BELT PULLEYS FOR 1/8" WIDE BELTS

ALUMINUM

GOLD IRIDITE



Type 6FC



Type 6F



Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Stock Bore	DIMENSIONS	
			Pitch	Outside	Flange	Hub		Overall Length	Face Width
P10MP012-6FCA	10	6FC	0.255	0.235	0.425	0.425	0.125	0.438	0.201
P11MP012-6FCA	11	6FC	0.280	0.260	0.450	0.450	0.125	0.438	0.201
P12MP012-6FCA	12	6FC	0.306	0.286	0.480	0.480	0.125	0.438	0.201
P14MP012-6FCA	14	6FC	0.357	0.337	0.530	0.530	0.125	0.438	0.201
P15MP012-6FCA	15	6FC	0.382	0.362	0.555	0.555	0.188	0.438	0.201
P16MP012-6FCA	16	6FC	0.407	0.387	0.580	0.580	0.188	0.438	0.201
P18MP012-6FA	18	6F	0.458	0.438	0.635	0.312	0.188	0.434	0.260
P18MP012-6FCA	18	6FC	0.458	0.438	0.635	0.635	0.250	0.438	0.208
P20MP012-6FA	20	6F	0.509	0.489	0.685	0.364	0.188	0.434	0.260
P20MP012-6FCA	20	6FC	0.509	0.489	0.685	0.685	0.250	0.438	0.208
P21MP012-6FA	21	6F	0.535	0.515	0.710	0.390	0.188	0.434	0.260
P21MP012-6FCA	21	6FC	0.535	0.515	0.710	0.710	0.250	0.438	0.208
P22MP012-6FA	22	6F	0.560	0.540	0.740	0.390	0.188	0.434	0.260
P22MP012-6FCA	22	6FC	0.56	0.540	0.740	0.740	0.250	0.438	0.208
P24MP012-6FA	24	6F	0.611	0.591	0.790	0.442	0.250	0.516	0.260
P28MP012-6FA	28	6F	0.713	0.693	0.895	0.494	0.250	0.516	0.260
P30MP012-6FA	30	6F	0.764	0.744	0.945	0.546	0.250	0.516	0.260
P32MP012-6FA	32	6F	0.815	0.795	1.000	0.598	0.250	0.516	0.260
P36MP012-6FA	36	6F	0.917	0.897	1.105	0.676	0.250	0.516	0.260
P40MP012-6FA	40	6F	1.019	0.999	1.210	0.754	0.250	0.531	0.276
P42MP012-6FA	42	6F	1.070	1.050	1.260	0.806	0.250	0.531	0.276
P44MP012-6FA	44	6F	1.120	1.100	1.315	0.858	0.250	0.531	0.276
P48MP012-6FA	48	6F	1.222	1.202	1.420	0.936	0.250	0.531	0.276
P60MP012-6FA	60	6F	1.528	1.508	1.730	1.222	0.250	0.531	0.276

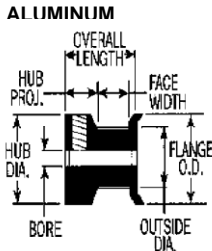
**Note:** 10-16 groove pulleys have one (1) set screw. 18+ pulleys have two (2) set screw at 90 deg.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

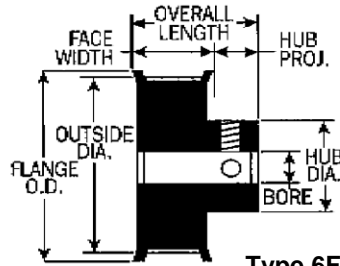
**.080 PITCH (MXL) TIMING BELT PULLEYS**

**FOR 1/4" WIDE BELTS**

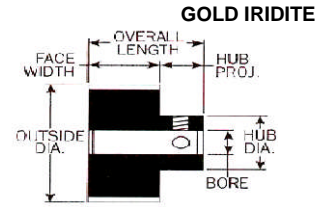
**Note:** 10-16 groove pulleys have one (1) set screw. 18+ pulleys have two (2) set screw at 90 deg.



**Type 6FC**



**Type 6F**



**Type 6**

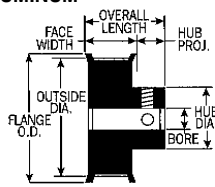


Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Stock Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub		Overall Length	Face Width	
P10MP025-6FCA	10	6FC	0.255	0.235	0.425	0.425	0.125	0.563	0.330	0.10
P11MP025-6FCA	11	6FC	0.280	0.260	0.450	0.450	0.125	0.563	0.330	0.10
P12MP025-6FCA	12	6FC	0.306	0.286	0.480	0.480	0.125	0.563	0.330	0.10
P14MP025-6FCA	14	6FC	0.357	0.337	0.530	0.530	0.125	0.563	0.330	0.20
P15MP025-6FCA	15	6FC	0.382	0.362	0.555	0.555	0.188	0.563	0.330	0.20
P16MP025-6FCA	16	6FC	0.407	0.387	0.580	0.580	0.188	0.563	0.330	0.20
P18MP025-6FA	18	6F	0.458	0.438	0.635	0.312	0.188	0.625	0.389	0.20
P18MP025-6FCA	18	6FC	0.458	0.438	0.635	0.635	0.250	0.563	0.337	0.20
P20MP025-6FA	20	6F	0.509	0.489	0.685	0.364	0.188	0.625	0.389	0.20
P20MP025-6FCA	20	6FC	0.509	0.489	0.685	0.685	0.250	0.563	0.337	0.20
P21MP025-6FA	21	6F	0.535	0.515	0.710	0.390	0.188	0.625	0.389	0.20
P21MP025-6FCA	21	6FC	0.535	0.515	0.710	0.710	0.250	0.563	0.337	0.20
P22MP02506FA	22	6F	0.560	0.540	0.740	0.390	0.188	0.625	0.389	0.30
P22MP025-6FCA	22	6FC	0.560	0.540	0.740	0.740	0.250	0.563	0.337	0.30
P24MP025-6FA	24	6F	0.611	0.591	0.790	0.442	0.250	0.688	0.389	0.30
P25MP025-6FA	25	6F	0.637	0.617	0.815	0.468	0.250	0.688	0.389	0.40
P28MP025-6FA	28	6F	0.713	0.693	0.895	0.494	0.250	0.688	0.389	0.40
P30MP025-6FA	30	6F	0.764	0.744	0.945	0.546	0.250	0.688	0.389	0.40
P32MP025-6FA	32	6F	0.815	0.795	1.000	0.598	0.250	0.688	0.389	0.50
P36MP025-6FA	36	6F	0.917	0.897	1.105	0.676	0.250	0.718	0.389	0.60
P40MP025-6FA	40	6F	1.019	0.999	1.210	0.754	0.250	0.718	0.405	0.70
P42MP025-6FA	42	6F	1.070	1.050	1.260	0.806	0.250	0.718	0.405	0.80
P44MP025-6FA	44	6F	1.120	1.100	1.315	0.858	0.250	0.718	0.405	1.00
P48MP025-6FA	48	6F	1.222	1.202	1.420	0.936	0.250	0.718	0.405	1.10
P60MP025-6FA	60	6F	1.528	1.508	1.730	1.222	0.250	0.718	0.405	1.80
P60MP025-6A	60	6	1.528	1.508	----	1.148	0.250	0.750	0.375	1.80
P72MP025-6A	72	6	1.833	1.813	----	1.195	0.250	0.750	0.375	2.20
P80MP025-6A	80	6	2.037	2.017	----	1.500	0.313	0.750	0.375	2.90
P90MP025-6A	90	6	2.292	2.272	----	1.500	0.313	0.750	0.375	3.50
P100MP025-6A	100	6	2.546	2.526	----	1.500	0.313	0.750	0.375	4.00
P120MP025-6A	120	6	3.056	3.036	----	1.500	0.375	0.750	0.375	5.30

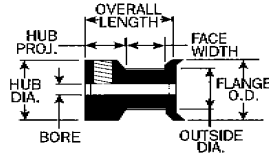
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

**.080 PITCH (MXL) TIMING BELT PULLEYS  
FOR 3/8" WIDE BELTS**

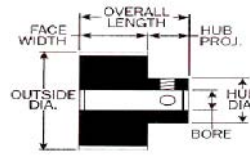
**ALUMINUM**



**Type 6F**



**Type 6FC**



**Type 6**

**GOLD IRIDITE**



Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Stock Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub		Overall Length	Face Width	
P10MP037-6FCA	10	6FC	0.255	0.235	0.425	0.425	0.125	0.688	0.455	0.10
P11MP037-6FCA	11	6FC	0.280	0.260	0.450	0.450	0.125	0.688	0.455	0.10
P12MP037-6FCA	12	6FC	0.306	0.286	0.480	0.480	0.125	0.688	0.455	0.10
P14MP037-6FCA	14	6FC	0.357	0.337	0.530	0.530	0.125	0.688	0.455	0.20
P15MP037-6FCA	15	6FC	0.382	0.362	0.555	0.555	0.188	0.688	0.455	0.20
P16MP037-6FCA	16	6FC	0.407	0.387	0.635	0.580	0.188	0.688	0.455	0.20
P18MP037-6FA	18	6F	0.458	0.438	0.635	0.312	0.188	0.750	0.514	0.20
P18MP037-6FCA	18	6FC	0.458	0.438	0.685	0.635	0.250	0.688	0.462	0.20
P20MP037-6FA	20	6F	0.509	0.489	0.685	0.364	0.188	0.750	0.514	0.20
P20MP037-6FCA	20	6FC	0.509	0.489	0.710	0.685	0.250	0.688	0.462	0.20
P21MP037-6FA	21	6F	0.535	0.515	0.710	0.390	0.188	0.750	0.514	0.20
P21MP037-6FCA	21	6FC	0.535	0.515	0.740	0.710	0.250	0.688	0.462	0.20
P22MP037-6FA	22	6F	0.560	0.540	0.740	0.390	0.188	0.750	0.514	0.30
P22MP037-6FCA	22	6FC	0.560	0.540	0.790	0.740	0.250	0.688	0.462	0.30
P24MP037-6FA	24	6F	0.611	0.591	0.815	0.442	0.250	0.813	0.514	0.30
P25MP037-6FA	25	6F	0.637	0.617	0.895	0.468	0.250	0.813	0.514	0.40
P28MP037-6FA	28	6F	0.713	0.693	0.945	0.494	0.250	0.813	0.514	0.40
P30MP037-6FA	30	6F	0.764	0.744	1.000	0.546	0.250	0.813	0.514	0.40
P32MP037-6FA	32	6F	0.815	0.795	1.105	0.598	0.250	0.813	0.514	0.50
P36MP037-6FA	36	6F	0.917	0.897	1.210	0.676	0.250	0.813	0.514	0.60
P40MP037-6FA	40	6F	1.019	0.999	1.260	0.754	0.250	0.844	0.530	0.70
P42MP037-6FA	42	6F	1.070	1.050	1.315	0.806	0.250	0.844	0.530	0.80
P44MP037-6FA	44	6F	1.120	1.100	1.420	0.858	0.250	0.835	0.530	1.00
P48MP037-6FA	48	6F	1.222	1.202	1.730	0.936	0.250	0.844	0.530	1.10
P60MP037-6FA	60	6F	1.528	1.508	----	1.222	0.250	0.844	0.530	1.80
P60MP037-6A	60	6	1.528	1.508	----	1.148	0.250	0.875	0.500	1.80
P72MP037-6A	72	6	1.833	1.813	----	1.195	0.250	0.875	0.500	2.20
P80MP037-6A	80	6	2.037	2.017	----	1.500	0.313	0.875	0.500	2.90
P90MP037-6A	90	6	2.292	2.272	----	1.500	0.313	0.875	0.500	3.50
P100MP037-6A	100	6	2.546	2.526	----	1.500	0.313	0.875	0.500	4.00
P120MP037-6A	120	6	3.056	3.036	----	1.500	0.375	0.875	0.500	5.30

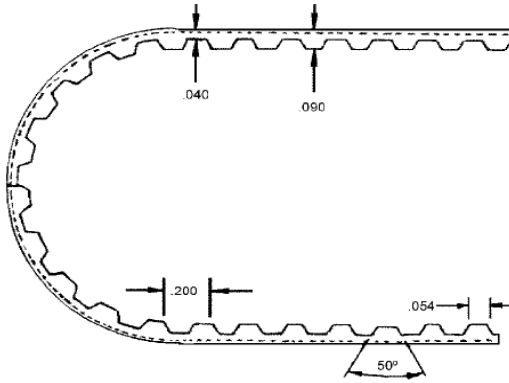
**Note:** 10-16 groove pulleys have one (1) set screw. 18+ pulleys have two (2) set screw at 90 deg.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# TIMING BELTS

1/5 PITCH ( XL ) .200 CIRCULAR PITCH  
FOR 1/4, 5/16 AND 3/8" WIDE BELTS



- Large Ratios
- Allows use of small diameter pulleys
- High Speeds
- High Power Transmission
- Quiet Operation
- Wear resistant nylon facing
- Maximum Speed 10,000 RPM
- Minimum Pulley Diameter .64 (10 teeth)
- Temperature Range +185°F to -30°F

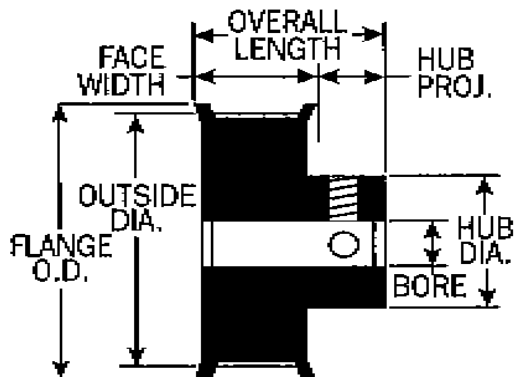
		WIDTH 1/4"	WIDTH 5/16"	WIDTH 3/8"			WIDTH 1/4"	WIDTH 5/16"	WIDTH 3/8"
Pitch Length	Number Teeth	Part Number	Part Number	Part Number	Pitch Length	Number Teeth	Part Number	Part Number	Part Number
5.00	25	P50XL025	P50XL031	P50XL037	26.00	130	P260XL025	P260XL031	P260XL037
6.00	30	P60XL025	P60XL031	P60XL037	27.00	135	P270XL025	P270XL031	P270XL037
7.00	35	P70XL025	P70XL031	P70XL037	28.00	140	P280XL025	P280XL031	P280XL037
8.00	40	P80XL025	P80XL031	P80XL037	29.00	145	P290XL025	P290XL031	P290XL037
9.00	45	P90XL025	P90XL031	P90XL037	30.00	150	P300XL025	P300XL031	P300XL037
10.00	50	P100XL025	P100XL031	P100XL037	31.00	155	P310XL025	P310XL031	P310XL037
11.00	55	P110XL025	P110XL031	P110XL037	32.00	160	P320XL025	P320XL031	P320XL037
12.00	60	P120XL025	P120XL031	P120XL037	33.00	165	P330XL025	P330XL031	P330XL037
13.00	65	P130XL025	P130XL031	P130XL037	34.00	170	P340XL025	P340XL031	P340XL037
14.00	70	P140XL025	P140XL031	P140XL037	35.00	175	P350XL025	P350XL031	P350XL037
15.00	75	P150XL025	P150XL031	P150XL037	38.00	190	P380XL025	P380XL031	P380XL037
16.00	80	P160XL025	P160XL031	P160XL037	39.00	195	P390XL025	P390XL031	P390XL037
17.00	85	P170XL025	P170XL031	P170XL037	40.00	200	P400XL025	P400XL031	P400XL037
18.00	90	P180XL025	P180XL031	P180XL037	42.00	210	P420XL025	P420XL031	P420XL037
19.00	95	P190XL025	P190XL031	P190XL037	45.00	225	P450XL025	P450XL031	P450XL037
20.00	100	P200XL025	P200XL031	P200XL037	46.00	230	P460XL025	P460XL031	P460XL037
21.00	105	P210XL025	P210XL031	P210XL037	58.00	290	P580XL025	P580XL031	P580XL037
22.00	110	P220XL025	P220XL031	P220XL037	60.00	300	P600XL025	P600XL031	P600XL037
23.00	115	P230XL025	P230XL031	P230XL037	86.00	430	P860XL025	P860XL031	P860XL037
24.00	120	P240XL025	P240XL031	P240XL037	90.00	450	P900XL025	P900XL031	P900XL037
25.00	125	P250XL025	P250XL031	P250XL037	92.60	463	P926XL025	P926XL031	P926XL037

OTHER LENGTHS IN BETWEEN ARE AVAILABLE  
FOR ANY LENGTH CALL POWER DRIVE

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

1/5" PITCH (XL) TIMING BELT PULLEYS  
FOR 1/4" WIDE BELTS

ALUMINUM  
(Clear Anodized)



TYPE 6F

Part Number	No. of Teeth/Grooves	Type	DIAMETERS				Min Bore	Max Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub			Overall Length	Face Width	
PS10XL025-6F*	10	6F	0.637	0.617	0.875	0.375	0.186	0.250	0.688	0.438	0.03
PS11XL025-6F*	11	6F	0.700	0.680	0.938	0.438	0.188	0.250	0.688	0.438	0.03
PS12XL025-6F*	12	6F	0.764	0.744	1.000	0.500	0.188	0.313	0.688	0.438	0.06
PS13XL025-6F*	13	6F	0.828	0.808	1.063	0.563	0.250	0.313	0.688	0.438	0.06
PS14XL025-6F*	14	6F	0.891	0.871	1.031	0.563	0.250	0.375	0.688	0.438	0.06
PS15XL025-6F*	15	6F	0.955	0.935	1.188	0.625	0.250	0.500	0.688	0.438	0.09
PS16XL025-6F*	16	6F	1.019	0.999	1.250	0.688	0.250	0.500	0.688	0.438	0.09
PS18XL025-6F*	18	6F	1.146	1.126	1.375	0.813	0.250	0.500	0.688	0.438	0.13
PS20XL025-6F*	20	6F	1.273	1.253	1.500	0.938	0.250	0.500	0.750	0.438	0.19
PS21XL025-6F*	21	6F	1.337	1.317	1.563	1.000	0.250	0.500	0.750	0.438	0.19
PS22XL025-6F*	22	6F	1.401	1.381	1.625	1.000	0.250	0.500	0.750	0.438	0.22
PS24XL025-6F*	24	6F	1.528	1.508	1.750	1.063	0.250	0.500	0.781	0.438	0.22
PS26XL025-6F*	26	6F	1.665	1.635	1.875	1.188	0.250	0.500	0.781	0.438	0.22
PS28XL025-6F*	28	6F	1.783	1.763	2.000	1.188	0.250	0.625	0.781	0.438	0.22
PS30XL025-6F*	30	6F	1.910	1.890	2.125	1.313	0.250	0.625	0.781	0.438	0.22

\* Note: Must specify type of material- Aluminum (A) or Steel (S)

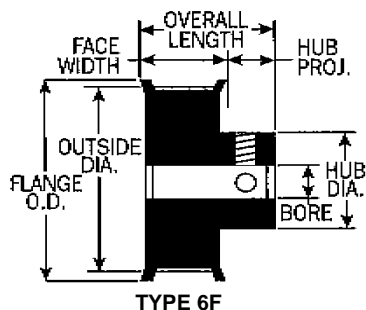
Note: Pulleys are supplied with two set screws at 90 degrees.

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

3/8" PITCH (L) TIMING BELT PULLEYS  
FOR 1/2" WIDE BELTS

ALUMINUM

Clear Anodized



Part Number	No. of Teeth/Grooves	Type	DIAMETERS				BORES		DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub	Min Bore	Max Bore	Overall Length	Face Width	
P10L050-6FA	10L050	6F	1.194	1.164	1.438	0.875	0.375	0.500	1.125	0.719	0.25
P11L050-6FA	11L050	6F	1.313	1.283	1.531	1.000	0.375	0.500	1.125	0.719	0.27
P12L050-6FA	12L050	6F	1.432	1.402	1.656	1.125	0.375	0.625	1.188	0.719	0.30
P13L050-6FA	13L050	6F	1.552	1.522	1.656	1.125	0.375	0.625	1.188	0.719	0.50
P14L050-6FA	14L050	6F	1.671	1.641	1.906	1.250	0.375	0.750	1.188	0.719	0.57
P15L050-6FA	15L050	6F	1.790	1.760	2.031	1.375	0.375	0.750	1.250	0.719	0.63
P16L050-6FA	16L050	6F	1.910	1.880	2.125	1.375	0.500	0.750	1.250	0.719	0.81
P17L050-6FA	17L050	6F	2.029	1.999	2.250	1.500	0.500	0.750	1.250	0.719	0.88
P18L050-6FA	18L050	6F	2.149	2.119	2.375	1.625	0.500	0.875	1.250	0.719	1.00
P19L050-6FA	19L050	6F	2.268	2.238	2.500	1.688	0.500	0.875	1.313	0.719	1.13
P20L050-6FA	20L050	6F	2.387	2.357	2.625	1.813	0.500	0.875	1.313	0.719	1.25
P21L050-6FA	21L050	6F	2.507	2.477	2.750	2.000	0.500	0.875	1.375	0.750	1.44
P22L050-6FA	22L050	6F	2.626	2.596	2.875	2.125	0.500	1.000	1.375	0.750	1.69
P24L050-6FA	24L050	6F	2.835	2.835	3.094	2.250	0.500	1.000	1.375	0.750	2.13

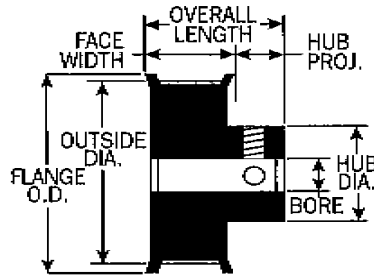
**Note:** Pulleys supplied with 2SS at 90 deg.

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

3/8" PITCH (L) TIMING BELT PULLEYS  
FOR 3/4" WIDE BELTS

ALUMINUM

Clear Anodized



TYPE 6F

Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Min Bore	Max Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub			Overall Length	Face Width	
P12L075-6FA	12	6F	1.432	1.402	1.656	1.125	0.375	0.625	1.500	1.000	0.50
P13L075-6FA	13	6F	1.552	1.522	1.656	1.125	0.375	0.625	1.500	1.000	0.56
P14L075-6FA	14	6F	1.671	1.641	1.906	1.125	0.375	0.750	1.500	1.000	0.69
P15L075-6FA	15	6F	1.790	1.760	2.-313	1.250	0.375	0.750	1.625	1.000	0.81
P16L075-6FA	16	6F	1.910	1.880	2.125	1.375	0.500	0.750	1.625	1.000	1.00
P17L075-6FA	17	6F	2.029	1.999	2.250	1.375	0.500	0.750	1.625	1.000	1.19
P18L075-6FA	18	6F	2.149	2.119	2.375	1.500	0.500	0.875	1.625	1.000	1.31
P19L075-6FA	19	6F	2.268	2.238	2.500	1.813	0.500	0.875	1.625	1.000	1.40
P20L075-6FA	20	6F	2.387	2.357	2.635	1.813	0.500	0.877	1.625	1.000	1.50
P21L075-6FA	21	6F	2.507	2.477	2.750	2.000	0.500	1.000	1.750	1.000	1.60
P22L075-6FA	22	6F	2.626	2.596	2.875	2.000	0.500	1.000	1.750	1.000	1.80
P24L075-6FA	24	6F	2.865	2.835	3.094	2.250	0.500	1.000	1.750	1.000	2.10

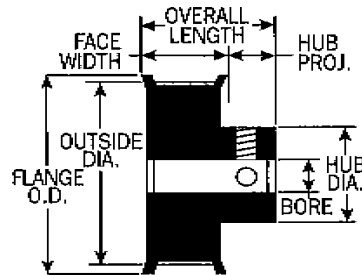
**Note:** Pulleys supplied with 2SS at 90 deg.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

3/8" PITCH (L) TIMING BELT PULLEYS  
FOR 1" WIDE BELTS

ALUMINUM

Clear Anodized



TYPE 6F



Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Min Bore	Max Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub			Overall Length	Face Width	
P13L100-6FA	13	6F	1.552	1.522	1.781	1.125	0.375	0.625	1.750	1.250	0.69
P14L100-6FA	14	6F	1.671	1.641	1.903	1.250	0.375	0.750	1.750	1.250	0.81
P15L100-6FA	15	6F	1.790	1.760	2.031	1.375	0.375	0.750	1.750	1.250	0.94
P16L100-6FA	16	6F	1.910	1.880	2.125	1.375	0.500	0.750	1.875	1.250	1.13
P17L100-6FA	17	6F	2.029	1.999	2.250	1.500	0.500	0.750	1.875	1.250	1.25
P18L100-6FA	18	6F	2.149	2.119	2.375	1.625	0.500	0.875	1.875	1.250	1.44
P19L100-6FA	19	6F	2.268	2.238	2.500	1.813	0.500	0.875	1.875	1.250	1.63
P20L100-6FA	20	6F	2.387	2.357	2.625	1.813	0.500	0.875	1.875	1.250	1.80
P21L100-6FA	21	6F	2.507	2.477	2.750	2.000	0.500	1.000	2.000	1.250	1.80
P22L100-6FA	22	6F	2.626	2.596	2.875	2.125	0.500	1.000	2.000	1.250	2.31
P24L100-6FA	24	6F	2.865	2.835	3.094	2.250	0.500	1.000	2.000	1.250	2.50

**Note:** Pulleys supplied with 2SS at 90 deg.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# 2 MM TIMING BELTS

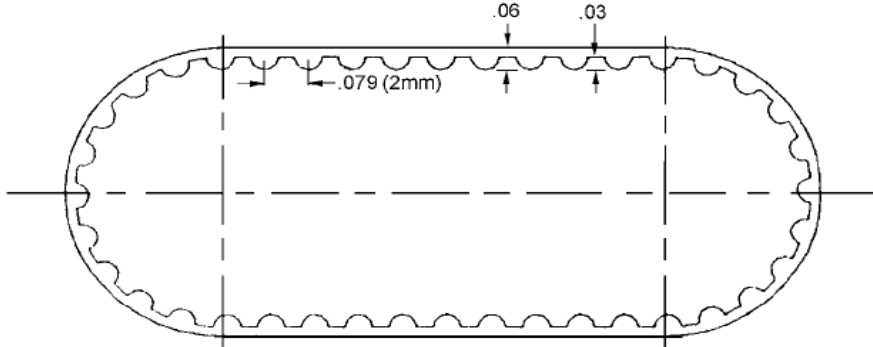
**2 mm CIRCULAR PITCH, 6 mm WIDE BELT**

2 mm PITCH, 6 mm WIDE BELT SEE BELOW TABLE

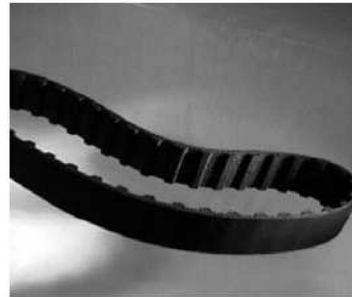
**2 mm CIRCULAR PITCH, 9 mm WIDE BELT**

2 mm PITCH, 9 mm WIDE BELT CHANGE THE P/N PTB2EF9-

FOR EXAMPLE PTB2EF6-50 TO BE CHANGED TO PTB2EF9-50



- Compact
- Light weight
- Durability
- Quiet Peration
- No lubrication
- Improved registration
- Corrosion resistant
- Clean operation
- Minimal elongation
- Recommended working strength 25 lbs. (111N) per 1" (25.4mm) belt width
- Recommended temperature range: -34°C to +85°C (-30°F to +185°F)



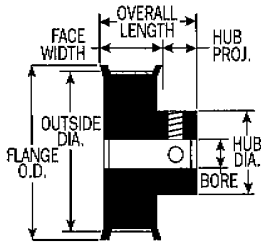
STOCK #	NO. OF GROOVES	LENGTH REF.	STOCK #	NO. OF GROOVES	LENGTH REF.	STOCK #	NO. OF GROOVES	LENGTH REF.
PTB2EF6-50	50	3.94	PTB2EF6-106	106	8.35	PTB2EF6-190	190	14.96
PTB2EF6-56	56	4.41	PTB2EF6-108	108	8.50	PTB2EF6-193	193	15.20
PTB2EF6-62	62	4.88	PTB2EF6-110	110	8.66	PTB2EF6-200	200	15.75
PTB2EF6-63	63	4.96	PTB2EF6-116	116	9.13	PTB2EF6-203	203	15.98
PTB2EF6-67	67	5.28	PTB2EF6-118	118	9.29	PTB2EF6-210	210	16.54
PTB2EF6-68	68	5.35	PTB2EF6-120	120	9.45	PTB2EF6-228	228	17.95
PTB2EF6-70	70	5.51	PTB2EF6-125	125	9.84	PTB2EF6-235	235	18.50
PTB2EF6-74	74	5.83	PTB2EF6-126	126	9.92	PTB2EF6-237	237	18.66
PTB2EF6-76	76	5.96	PTB2EF6-129	129	10.16	PTB2EF6-244	244	19.21
PTB2EF6-79	79	6.22	PTB2EF6-139	139	10.94	PTB2EF6-252	252	19.84
PTB2EF6-80	80	6.30	PTB2EF6-140	140	11.02	PTB2EF6-264	264	20.79
PTB2EF6-82	82	6.46	PTB2EF6-150	150	11.81	PTB2EF6-276	276	21.73
PTB2EF6-83	83	6.54	PTB2EF6-160	160	12.6	PTB2EF6-288	288	22.68
PTB2EF6-86	86	6.77	PTB2EF6-161	161	12.68	PTB2EF6-300	300	23.62
PTB2EF6-90	90	7.09	PTB2EF6-166	166	13.07	PTB2EF6-320	320	25.20
PTB2EF6-93	93	7.32	PTB2EF6-173	173	13.62	PTB2EF6-348	348	27.40
PTB2EF6-96	96	7.56	PTB2EF6-175	175	13.78	PTB2EF6-372	372	29.29
PTB2EF6-100	100	7.87	PTB2EF6-182	182	14.33	PTB2EF6-424	424	33.39
PTB2EF6-101	101	7.95	PTB2EF6-185	185	14.57	PTB2EF6-582	582	45.83
PTB2EF6-105	105	8.27						

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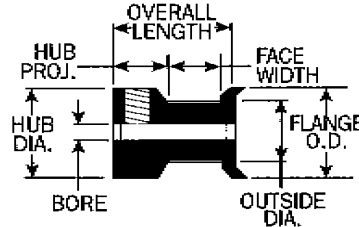
2mm PITCH POWER GRIP GT PULLEYS  
FOR 6MM WIDE BELTS

ALUMINUM

CLEAR ANODIZED



Type 6F



Type 6FC

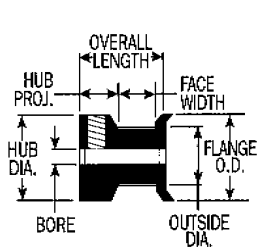


Part Number	No. of Teeth/ Grooves	Type	DIAMETERS			Hub	Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange			Overall Length	Face Width	
P12-2P06-6CA1	12	6FC	0.301	0.281	0.480	0.480	0.125	0.562	0.327	0.01
P13-2P06-6CA1	13	6FC	0.326	0.306	0.505	0.505	0.125	0.562	0.327	0.01
P14-2P06-6CA1	14	6FC	0.351	0.331	0.530	0.530	0.122	0.562	0.327	0.01
P15-2P06-6CA2	15	6FC	0.376	0.356	0.555	0.555	0.188	0.562	0.327	0.01
P16-2P06-6CA2	16	6FC	0.401	0.381	0.580	0.580	0.188	0.562	0.327	0.01
P17-2P06-6FA2	17	6F	0.426	0.406	0.635	0.312	0.188	0.562	0.327	0.01
P18-2P06-6FA2	18	6F	0.451	0.431	0.635	0.312	0.188	0.622	0.386	0.01
P19-2P06-6FA2	19	6F	0.476	0.456	0.635	0.338	0.188	0.622	0.386	0.02
P20-2P06-6FA2	20	6F	0.501	0.481	0.685	0.364	0.188	0.622	0.386	0.02
P21-2P06-6FA2	21	6F	0.526	0.506	0.710	0.390	0.188	0.622	0.386	0.02
P22-2P06-6FA2	22	6F	0.551	0.531	0.740	0.390	0.188	0.622	0.386	0.02
P24-2P06-6FA3	24	6F	0.602	0.582	0.815	0.442	0.250	0.684	0.386	0.02
P26-2P06-6FA3	26	6F	0.652	0.632	0.840	0.490	0.250	0.684	0.386	0.03
P28-2P06-6FA3	28	6F	0.702	0.682	0.895	0.494	0.250	0.684	0.386	0.03
P30-2P06-6FA3	30	6F	0.752	0.732	0.945	0.546	0.250	0.684	0.386	0.03
P32-2P06-6FA3	32	6F	0.802	0.782	1.000	0.598	0.250	0.684	0.386	0.03
P36-2P06-6FA3	36	6F	0.902	0.882	1.105	0.676	0.250	0.684	0.386	0.04
P40-2P06-6FA3	40	6F	1.003	0.983	1.210	0.754	0.250	0.715	0.402	0.06
P45-2P06-6FA3	45	6F	1.128	1.108	1.340	0.900	0.250	0.715	0.402	0.06
P50-2P06-6FA3	50	6F	1.253	1.233	1.470	0.940	0.250	0.715	0.402	0.06
P56-3P06-6FA3	56	6F	1.404	1.384	1.575	1.030	0.250	0.715	0.402	0.06
P62-2P06-6A3	62	6	1.554	1.534	----	1.148	0.250	0.750	0.375	0.06
P68-2P06-6A3	68	6	1.704	1.684	----	1.185	0.250	0.750	0.375	0.13
P74-2P06-6A3	74	6	1.855	1.835	----	1.215	0.250	0.750	0.375	0.13
P80-2P06-6A4	80	6	2.005	1.985	----	1.500	0.313	0.750	0.375	0.19

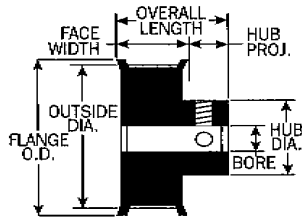
## 2mm PITCH POWER GRIP GT PULLEYS FOR 9MM WIDE BELTS

ALUMINUM

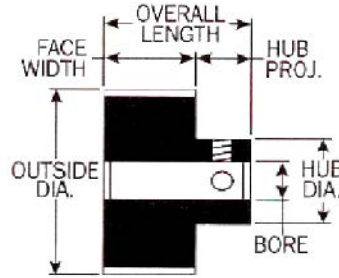
CLEAR ANODIZED



Type 6FC



Type 6F



Type 6



Part Number	No. of Teeth/ Grooves	Type	DIAMETERS			Hub	Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange			Overall Length	Face Width	
P12-2P09-6CA1	12	6FC	0.301	0.281	0.480	0.480	0.125	0.681	0.446	0.01
P13-2P09-6CA1	13	6FC	0.326	0.306	0.505	0.505	0.125	0.681	0.446	0.01
P14-2P09-6CA1	14	6FC	0.351	0.331	0.530	0.530	0.125	0.681	0.446	0.01
P15-2P09-6CA2	15	6FC	0.376	0.356	0.555	0.555	0.188	0.681	0.446	0.01
P16-2P09-6CA2	16	6FC	0.401	0.381	0.580	0.580	0.188	0.681	0.446	0.01
P17-2P09-6FA2	17	6F	0.426	0.406	0.635	0.312	0.188	0.741	0.446	0.01
P18-2P09-6FA2	18	6F	0.451	0.431	0.635	0.312	0.188	0.741	0.506	0.01
P19-2P09-6FA2	19	6F	0.476	0.456	0.635	0.338	0.188	0.741	0.506	0.02
P20-2P09-6FA2	20	6F	0.501	0.481	0.685	0.364	0.188	0.741	0.506	0.02
P21-2P09-6FA2	21	6F	0.526	0.506	0.710	0.390	0.188	0.741	0.506	0.02
P22-2P09-6FA2	22	6F	0.551	0.531	0.740	0.390	0.188	0.741	0.506	0.02
P24-2P09-6FA3	24	6F	0.602	0.582	0.815	0.442	0.250	0.803	0.506	0.02
P26-2P09-6FA3	26	6F	0.652	0.632	0.840	0.490	0.250	0.803	0.506	0.03
P28-2P09-6FA3	28	6F	0.702	0.682	0.895	0.494	0.250	0.803	0.506	0.03
P30-2P09-6FA3	30	6F	0.752	0.732	0.945	0.546	0.250	0.803	0.506	0.03
P32-2P09-6FA3	32	6F	0.802	0.782	1.000	0.598	0.250	0.803	0.506	0.03
P36-2P09-6FA3	36	6F	0.902	0.882	1.105	0.676	0.250	0.803	0.506	0.04
P40-2P09-6FA3	40	6F	1.003	0.983	1.210	0.754	0.250	0.834	0.532	0.06
P45-2P09-6FA3	45	6F	1.128	1.108	1.340	0.900	0.250	0.834	0.532	0.06
P50-2P09-6FA3	50	6F	1.253	1.233	1.470	0.940	0.250	0.834	0.532	0.06
P56-2P09-6FA3	56	6F	1.404	1.384	1.575	1.030	0.250	0.834	0.532	0.06
P62-2P09-6A3	62	6	1.554	1.532	---	1.148	0.250	0.868	0.493	0.08
P68-2P09-6A3	68	6	1.704	1.684	---	1.185	0.250	0.868	0.493	0.13
P74-2P09-6A3	74	6	1.855	1.834	---	1.215	0.250	0.868	0.493	0.13
P80-2P09-6A4	80	6	2.005	1.985	---	1.500	0.313	0.868	0.493	0.19

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769



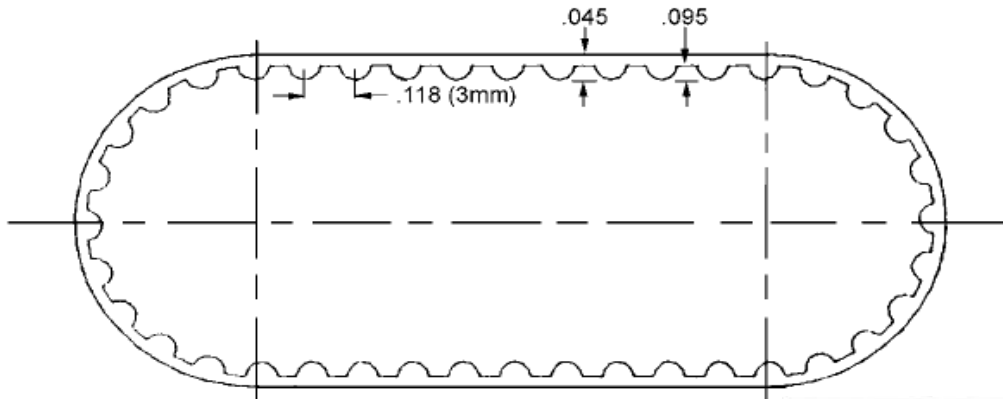
# 3 MM TIMING BELTS

## 3 MM CIRCULAR PITCH, 9 MM WIDE BELT

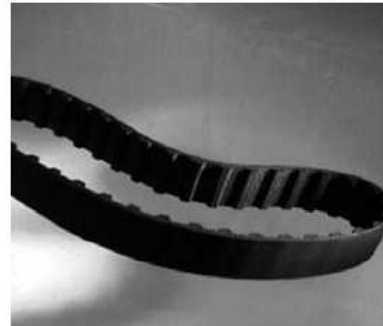
3 mm PITCH, 9 mm WIDE BELT SEE BELOW TABLE

## 3 MM CIRCULAR PITCH, 15 MM WIDE BELT

3 mm PITCH, 9 mm WIDE BELT CHANGE THE P/N PTB3EF15-  
FOR EXAMPLE PTB3EF9-33 TO BE CHANGED TO PTB3EF15-33



- Compact
- Light weight
- Durability
- Less width required vs. HTD
- Tooth jump resistance: Better than MXL-HTD
- Noise: Far less than HTD
- Positioning: Half (or more) the positioning error of MXL and HTD
- No lubrication
- Improved registration
- Corrosion resistant
- Clean operation
- Minimal elongation
- Recommended working strength 114 lbs. (507N) per 1" (25.4mm) belt width
- Recommended temperature range: -34°C to +85°C (-30°F to +185°F)



STOCK #	NO. OF GROOVES	LENGTH REF.	STOCK #	NO. OF GROOVES	LENGTH REF.	STOCK #	NO. OF GROOVES	LENGTH REF.
PTB3EF9-33	33	3.894	PTB3EF9-97	97	11.446	PTB3EF9-179	179	21.122
PTB3EF9-37	37	4.366	PTB3EF9-100	100	11.800	PTB3EF9-184	184	21.71
PTB3EF9-41	41	4.838	PTB3EF9-113	113	13.334	PTB3EF9-188	188	22.184
PTB3EF9-43	43	5.074	PTB3EF9-116	116	13.688	PTB3EF9-200	200	23.6
PTB3EF9-53	53	6.254	PTB3EF9-119	119	14.042	PTB3EF9-203	203	23.954
PTB3EF9-55	55	6.490	PTB3EF9-120	120	14.160	PTB3EF9-210	210	24.780
PTB3EF9-60	60	7.080	PTB3EF9-125	125	14.750	PTB3EF9-228	228	26.90
PTB3EF9-61	61	7.198	PTB3EF9-131	131	15.458	PTB3EF9-245	245	28.91
PTB3EF9-63	63	7.434	PTB3EF9-138	138	16.284	PTB3EF9-250	250	29.500
PTB3EF9-67	67	7.906	PTB3EF9-140	140	16.52	PTB3EF9-262	262	30.916
PTB3EF9-73	73	8.61	PTB3EF9-149	149	17.582	PTB3EF9-280	280	33.040
PTB3EF9-75	75	8.850	PTB3EF9-150	150	17.700	PTB3EF9-315	315	37.170
PTB3EF9-80	80	9.440	PTB3EF9-158	158	18.644	PTB3EF9-350	350	41.300
PTB3EF9-81	81	9.558	PTB3EF9-160	160	18.880	PTB3EF9-360	360	42.480
PTB3EF9-85	85	10.03	PTB3EF9-161	161	18.998	PTB3EF9-512	512	60.42
PTB3EF9-89	89	10.502	PTB3EF9-163	163	19.234	PTB3EF9-529	529	62.42
PTB3EF9-94	94	11.092	PTB3EF9-168	168	19.824	PTB3EF9-687	687	81.066

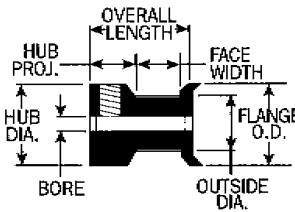
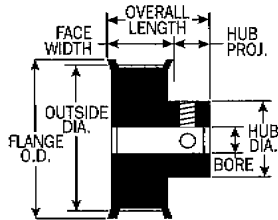
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# 3MM HTD PITCH TIMING BELT PULLEYS

## FOR 6MM WIDE BELTS

ALUMINUM

CLEAR ANODIZED



Type 6F

Type 6FC

Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub		Overall Length	Face Width	
P10-3M06-6FCA	10	6FC	0.376	0.346	0.505	0.505	0.125	0.562	0.327	0.01
P11-3M06-6FCA	11	6FC	0.414	0.384	0.530	0.530	0.125	0.562	0.327	0.01
P12-3M06-6FCA	12	6FC	0.451	0.421	0.580	0.580	0.188	0.562	0.327	0.02
P13-3M06-6FCA	13	6FC	0.489	0.459	0.610	0.610	0.188	0.572	0.334	0.02
P14-3M06-6FCA	14	6FC	0.526	0.496	0.635	0.635	0.188	0.572	0.334	0.02
P15-3M06-6FCA	15	6FC	0.564	0.534	0.685	0.685	0.188	0.572	0.334	0.02
P16-3M06-6FCA	16	6FC	0.602	0.572	0.710	0.710	0.188	0.572	0.334	0.02
P17-3M06-6FCA	17	6FC	0.639	0.609	0.740	0.740	0.188	0.572	0.334	0.02
P18-3M06-6FA	18	6F	0.677	0.647	0.790	0.442	0.250	0.691	0.386	0.02
P19-3M06-6FA	19	6F	0.714	0.684	0.815	0.468	0.250	0.691	0.386	0.02
P20-3M06-6FA	20	6F	0.752	0.722	0.895	0.500	0.250	0.691	0.386	0.02
P22-3M06-6FA	22	6F	0.827	0.797	0.945	0.562	0.250	0.691	0.386	0.02
P24-3M06-6FA	24	6F	0.902	0.872	1.025	0.625	0.250	0.691	0.386	0.02
P25-3M06-6FA	25	6F	0.940	0.910	1.060	0.625	0.250	0.691	0.386	0.02
P26-3M06-6FA	26	6F	0.977	0.947	1.105	0.625	0.250	0.691	0.386	0.04
P28-3M06-6FA	28	6F	1.053	1.023	1.173	0.701	0.250	0.691	0.386	0.04
P30-3M06-6FA	30	6F	1.128	1.098	1.250	0.776	0.250	0.691	0.386	0.05
P32-3M06-6FA	32	6F	1.203	1.173	1.323	0.851	0.250	0.691	0.386	0.06
P34-3M06-6FA	34	6F	1.278	1.248	1.398	0.921	0.250	0.713	0.407	0.08
P36-3M06-6FA	36	6F	1.353	1.323	1.473	1.000	0.250	0.713	0.407	0.08
P38-3M06-6FA	38	6F	1.429	1.399	1.549	1.075	0.250	0.713	0.407	0.08
P40-3M06-6FA	40	6F	1.504	1.474	1.625	1.150	0.250	0.713	0.407	0.10
P44-3M06-6FA	44	6F	1.654	1.624	1.775	1.300	0.250	0.713	0.407	0.12

**Note:** 10,11,12 tooth pulleys are supplied with one (1) set screw. All others are supplied with two (2) set screws are 90 deg.

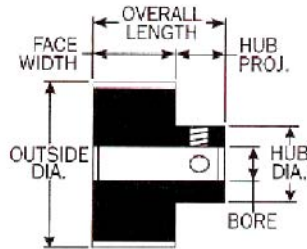
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# 3MM HTD PITCH TIMING BELT PULLEYS

## FOR 6MM WIDE BELTS

ALUMINUM

CLEAR ANODIZED



**Type 6**

Part Number	No. of Teeth/ Grooves	Type	DIAMETERS			Bore	DIMENSIONS		Weight
			Pitch	Outside	Hub		Overall Length	Face Width	
P18-3M06-6A	18	6	0.677	0.647	0.442	0.250	0.691	0.386	0.02
P19-3M06-6A	19	6	0.714	0.684	0.468	0.250	0.691	0.386	0.02
P20-3M06-6A	20	6	0.752	0.722	0.500	0.250	0.691	0.386	0.02
P22-3M06-6A	22	6	0.827	0.797	0.562	0.250	0.691	0.386	0.02
P24-3M06-6A	24	6	0.902	0.872	0.625	0.250	0.691	0.386	0.02
P25-3M06-6A	25	6	0.940	0.910	0.625	0.250	0.691	0.386	0.02
P26-3M06-6A	26	6	0.977	0.947	0.625	0.250	0.691	0.386	0.04
P28-3M06-6A	28	6	1.053	1.023	0.701	0.250	0.691	0.386	0.04
P30-3M06-6A	30	6	1.128	1.098	0.776	0.250	0.691	0.386	0.05
P32-3M06-6A	32	6	1.203	1.173	0.851	0.250	0.691	0.386	0.06
P34-3M06-6A	34	6	1.278	1.248	0.921	0.250	0.713	0.407	0.08
P36-3M06-6A	36	6	1.356	1.323	1.000	0.250	0.713	0.407	0.08
P38-3M06-6A	38	6	1.429	1.399	1.075	0.250	0.713	0.407	0.08
P40-3M06-6A	40	6	1.504	1.474	1.150	0.250	0.713	0.407	0.10
P44-3M06-6A	44	6	1.654	1.624	1.300	0.250	0.713	0.407	0.12
P48-3M06-6A	48	6	1.805	1.775	1.250	0.313	0.734	0.407	0.12
P50-3M06-6A	50	6	1.880	1.850	1.250	0.313	0.734	0.407	0.12
P56-3M06-6A	56	6	2.105	2.075	1.250	0.313	0.734	0.407	0.16
P60-3M06-6A	60	6	2.253	2.226	1.250	0.313	0.734	0.407	0.19
P62-3M06-6A	62	6	2.331	2.301	1.250	0.313	0.734	0.407	0.22
P72-3M06-6A	72	6	2.707	2.677	1.250	0.313	0.734	0.407	0.30

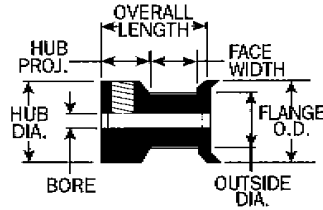
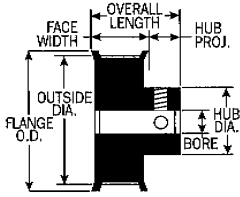
**Note:** 10,11,12 tooth pulleys are supplied with one (1) set screw. All others are supplied with two (2) set screws are 90 deg.

**PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769**

# 3MM HTD PITCH TIMING BELT PULLEYS FOR 9MM WIDE BELTS

ALUMINUM

CLEAR ANODIZED



Type

Type 6FC

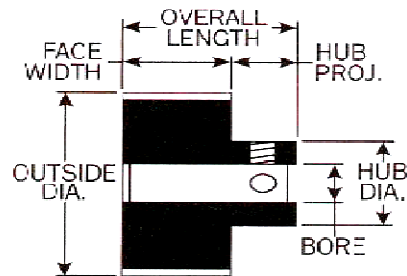
Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub		Overall Length	Face Width	
P10-3M09-6FCA	10	6FC	0.376	0.346	0.505	0.505	0.125	0.681	0.446	0.01
P11-3M09-6FCA	11	6FC	0.414	0.384	0.530	0.530	0.125	0.681	0.446	0.01
P12-3M09-6FCA	12	6FC	0.451	0.421	0.580	0.580	0.188	0.681	0.446	0.01
P13-3M09-6FCA	13	6FC	0.489	0.459	0.610	0.610	0.188	0.691	0.453	0.01
P14-3M09-6FCA	14	6FC	0.526	0.496	0.635	0.635	0.188	0.691	0.453	0.02
P15-3M09-6FCA	15	6FC	0.564	0.534	0.685	0.685	0.188	0.691	0.453	0.02
P16-3M09-6FCA	16	6FC	0.602	0.572	0.710	0.710	0.188	0.691	0.453	0.02
P17-3M0906FCA	17	6FC	0.639	0.609	0.740	0.740	0.188	0.691	0.453	0.02
P18-3M09-6FA	18	6F	0.677	0.647	0.790	0.442	0.250	0.812	0.506	0.02
P19-3M09-6FA	19	6F	0.714	0.684	0.815	0.468	0.250	0.812	0.506	0.02
P20-3M09-6FA	20	6F	0.752	0.722	0.895	0.500	0.250	0.812	0.506	0.02
P22-3M09-6FA	22	6F	0.827	0.797	0.945	0.562	0.250	0.812	0.506	0.03
P24-3M09-6FA	24	6F	0.902	0.872	1.025	0.625	0.250	0.812	0.506	0.03
P25-3M09-6FA	25	6F	0.940	0.910	1.060	0.625	0.250	0.812	0.506	0.03
P26-3M09-6FA	26	6F	0.977	0.947	1.105	0.625	0.250	0.812	0.506	0.04
P28-3M09-6FA	28	6F	1.053	1.023	1.173	0.701	0.250	0.812	0.506	0.05
P30-3M09-6FA	30	6F	1.128	1.098	1.250	0.776	0.250	0.812	0.506	0.06
P32-3M09-6FA	32	6F	1.203	1.173	1.323	0.851	0.250	0.812	0.506	0.06
P34-3M09-6FA	34	6F	1.278	1.248	1.398	0.921	0.250	0.833	0.527	0.09
P36-3M09-6FA	36	6F	1.353	1.323	1.473	1.000	0.250	0.833	0.527	0.09
P38-3M09-6FA	38	6F	1.429	1.399	1.549	1.075	0.250	0.833	0.527	0.12
P40-3M09-6FA	40	6F	1.504	1.474	1.625	1.150	0.250	0.833	0.527	0.13
P44-3M09-6FA	44	6F	1.654	1.624	1.775	1.300	0.250	0.833	0.527	0.16

**Note:** 10,11,12 tooth pulleys are supplied with one (1) set screw. All others are supplied with two (2) set screws are 90 deg.

**PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769**

**3MM HTD PITCH TIMING BELT PULLEYS  
FOR 9MM WIDE BELTS**

ALUMINUM



CLEAR ANODIZED



Type 6

Part Number	No. of Teeth/ Grooves	Type	DIAMETERS			Bore	DIMENSIONS		Weight
			Pitch	Outside	Hub		Overall Length	Face Width	
P18-3M09-6A	18	6	0.677	0.647	0.442	0.250	0.812	0.506	0.02
P19-3M09-6A	19	6	0.714	0.684	0.468	0.250	0.812	0.506	0.02
P20-3M09-6A	20	6	0.752	0.722	0.500	0.250	0.812	0.506	0.02
P22-3M09-6A	22	6	0.827	0.797	0.562	0.250	0.812	0.506	0.03
P24-3M09-6A	24	6	0.902	0.872	0.625	0.250	0.812	0.506	0.03
P25-3M09-6A	25	6	0.940	0.910	0.625	0.250	0.812	0.506	0.03
P26-3M09-6A	26	6	0.977	0.947	0.625	0.250	0.812	0.506	0.04
P28-3M09-6A	28	6	1.053	1.023	0.701	0.250	0.812	0.506	0.05
P30-3M09-6A	30	6	1.128	1.098	0.776	0.250	0.812	0.506	0.06
P32-3M09-6A	32	6	1.203	1.173	0.851	0.250	0.812	0.506	0.06
P34-3M09-6A	34	6	1.278	1.248	0.921	0.250	0.834	0.527	0.09
P36-3M09-6A	36	6	1.353	1.323	1.000	0.250	0.834	0.527	0.09
P38-3M09-6A	38	6	1.429	1.399	1.075	0.250	0.834	0.527	0.12
P40-3M09-6A	40	6	1.504	1.474	1.150	0.250	0.834	0.527	0.13
P44-3M09-6A	44	6	1.654	1.624	1.300	0.250	0.834	0.527	0.16
P48-3M09-6A	48	6	1.805	1.775	1.250	0.313	0.875	0.500	0.16
P50-3M09-6A	50	6	1.880	1.850	1.250	0.313	0.875	0.500	0.17
P56-3M09-6A	56	6	2.105	2.075	1.250	0.313	0.875	0.500	0.20
P60-3M09-6A	60	6	2.256	2.226	1.250	0.313	0.875	0.500	0.22
P62-3M09-6A	62	6	2.331	2.301	1.250	0.313	0.875	0.500	0.25
P72-3M09-6A	72	6	2.707	2.677	1.250	0.313	0.875	0.500	0.31

**Note:** All are supplied with two (2) set screws at 90 degrees.

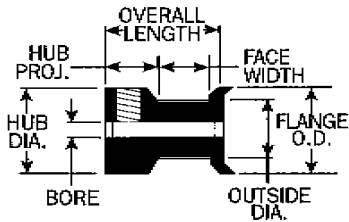
**PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769**

# 3MM PITCH POWER GRIP GT PULLEYS

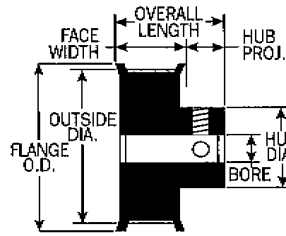
## FOR 9MM WIDE BELTS



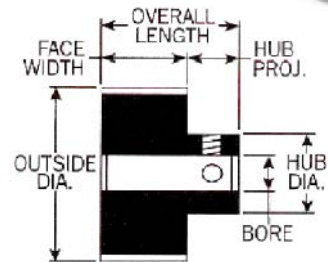
ALUMINUM



Type 6FC



Type 6F



Type 6

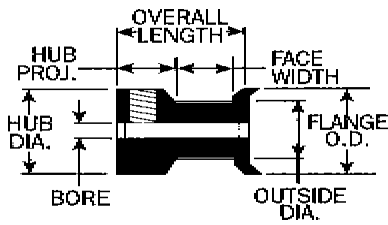
Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub		Overall Length	Face Width	
P16-3P09-6CA2	16	6FC	0.602	0.572	0.710	0.710	0.125	0.691	0.453	0.02
P17-3P09-6CA2	17	6FC	0.639	0.609	0.740	0.740	0.125	0.691	0.453	0.02
P18-3P09-6FA2	18	6F	0.677	0.647	0.790	0.422	0.125	0.821	0.506	0.02
P19-3P09-6FA2	19	6F	0.714	0.684	0.827	0.479	0.188	0.821	0.506	0.02
P20-3P09-6FA2	20	6F	0.752	0.722	0.895	0.500	0.188	0.821	0.506	0.02
P21-3P09-6FA2	21	6F	0.790	0.760	0.895	0.500	0.188	0.821	0.506	0.02
P22-3P09-6FA	22	6F	0.827	0.797	0.945	0.562	0.250	0.821	0.506	0.02
P24-3P09-6FA3	24	6F	0.902	0.872	1.025	0.625	0.250	0.821	0.506	0.02
P26-3P09-6FA3	26	6F	0.977	0.948	1.105	0.625	0.250	0.821	0.506	0.02
P28-3P09-6FA3	26	6F	1.052	1.023	1.173	0.701	0.250	0.821	0.506	0.02
P30-3P09-6FA3	30	6F	1.128	1.098	1.250	0.776	0.250	0.821	0.506	0.02
P32-3P09-6FA3	32	6F	1.203	1.173	1.323	0.851	0.250	0.821	0.506	0.02
P34-3P09-6FA3	34	6F	1.278	1.248	1.398	0.921	0.250	0.833	0.527	0.02
P36-3P09-6FA3	36	6F	1.353	1.323	1.473	1.000	0.250	0.833	0.527	0.02
P38-3P09-6FA3	38	6F	1.429	1.399	1.549	1.075	0.250	0.833	0.527	0.03
P40-3P09-6FA3	40	6F	1.504	1.474	1.625	1.150	0.250	0.833	0.527	0.09
P45-3P09-6FA3	45	6F	1.692	1.662	1.775	1.250	0.250	0.833	0.527	0.09
P50-3P09-6A4	50	6	1.880	1.850	---	1.250	0.313	0.875	0.500	0.10
P56-3P09-6A4	56	6	2.105	2.075	---	1.250	0.313	0.875	0.500	0.11
P62-3P09-6A4	62	6	2.331	2.301	---	1.250	0.313	0.875	0.500	0.12
P68-3P09-6A4	68	6	2.557	2.527	---	1.250	0.313	0.875	0.500	0.12
P72-3P09-6A4	72	6	2.707	2.677	---	1.250	0.313	0.875	0.500	0.12
P74-3P09-6A4	74	6	2.782	2.752	---	1.250	0.313	0.875	0.500	0.13
P80-3P09-6A4	80	6	3.008	2.978	---	1.250	0.313	0.875	0.500	0.16

PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769

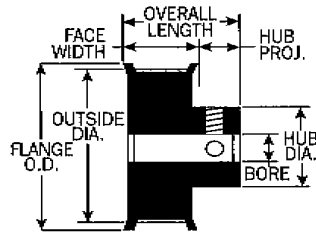
# 3MM PITCH POWER GRIP GT PULLEYS



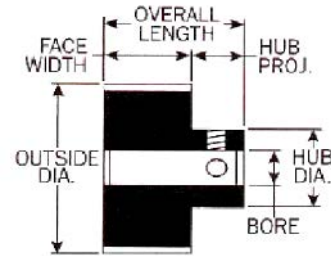
ALUMINUM



Type 6FC



Type 6F



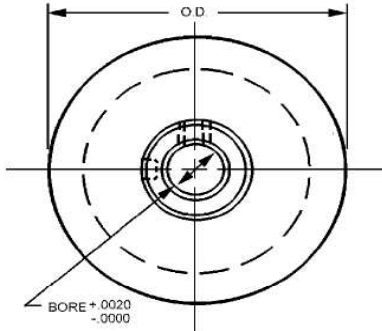
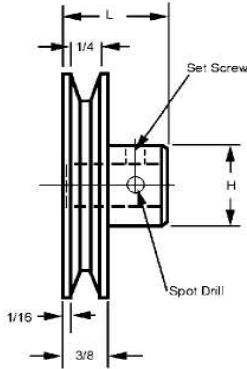
Type 6

Part Number	No. of Teeth/ Grooves	Type	DIAMETERS				Bore	DIMENSIONS		Weight
			Pitch	Outside	Flange	Hub		Overall Length	Face Width	
P16-3P16-6CA2	16	6FC	0.602	0.572	0.710	0.710	0.125	0.691	0.453	0.02
P17-3P15-6CA2	17	6FC	0.639	0.609	0.740	0.740	0.125	0.691	0.453	0.02
P18-3P15-6FA2	18	6FC	0.677	0.647	0.790	0.442	0.125	0.821	0.506	0.02
P19-3P15-6FA2	19	6F	0.714	0.684	0.827	0.479	0.188	0.821	0.506	0.02
P20-3P15-6FA2	20	6F	0.752	0.722	0.895	0.500	0.188	0.821	0.506	0.02
P21-3P15-6FA2	21	6F	0.790	0.760	0.895	0.500	0.188	0.821	0.506	0.02
P22-3P15-6FA3	22	6F	0.827	0.797	0.945	0.562	0.250	0.821	0.506	0.02
P24-3P15-6FA3	24	6F	0.902	0.872	1.025	0.625	0.250	0.821	0.506	0.02
P26-3P15-6FA3	26	6F	0.977	0.947	1.105	0.625	0.250	0.821	0.506	0.02
P28-3P15-6FA3	28	6F	1.053	1.023	1.173	0.701	0.250	0.821	0.506	0.02
P30-3P15-6FA3	30	6F	1.128	1.098	1.250	0.776	0.250	0.821	0.506	0.02
P32-3P15-6FA3	32	6F	1.203	1.173	1.323	0.851	0.250	0.821	0.506	0.02
P34-3P15-6FA3	34	6F	1.278	1.240	1.398	0.921	0.250	0.833	0.527	0.02
P36-3P15-6FA3	36	6F	1.353	1.323	1.473	1.000	0.250	0.833	0.527	0.02
P38-3P16-6FA3	38	6F	1.429	1.399	1.549	1.075	0.250	0.833	0.527	0.03
P40-3P15-6FA3	40	6F	1.504	1.474	1.625	1.150	0.250	0.833	0.527	0.09
P45-3P15-6FA3	45	6F	1.692	1.662	1.775	1.250	0.250	0.833	0.527	0.09
P50-3P15-6A4	50	6	1.880	1.850	---	1.250	0.313	0.875	0.500	0.10
P56-3P15-6A4	56	6	2.105	2.075	---	1.250	0.313	0.875	0.500	0.11
P62-3P15-6A4	62	6	2.331	2.301	---	1.250	0.313	0.875	0.500	0.12
P68-3P15-6A4	68	6	2.557	2.527	---	1.250	0.313	0.875	0.500	0.12
P72-3P15-6A4	72	6	2.707	2.677	---	1.250	0.313	0.875	0.500	0.12
P74-3P15-6A4	74	6	2.782	2.752	---	1.250	0.313	0.875	0.500	0.13
P80-3P15-6A4	80	6	3.008	2.978	---	1.250	0.313	0.875	0.500	0.16

PDC, INC. TE: 631-393-6767, 6768 FAX: 631-393-6769

# V-BELT PULLEYS

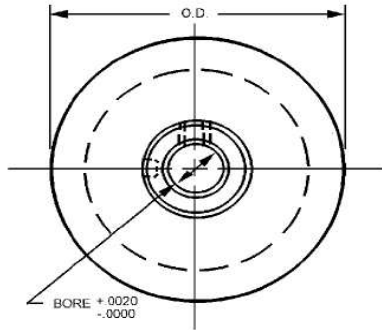
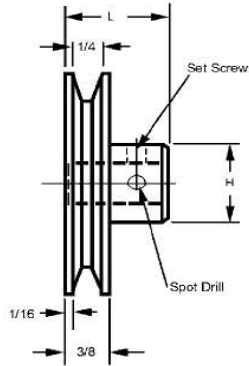
SERIES	BORE	MATERIAL	NAME	BELT
<b>2V</b>	<b>3/8"</b>	303 Stainless Steel	<b>Power-V</b>	Operates with Power-V 2V Series (1/4"W X 7/32"D)



STOCK NO.	BORE	O.D.	H	L
V2M35S-1		1.67		
V2M35S-2		1.77		
V2M35S-3		1.87		
V2M35S-4		1.97		
V2M35S-5		2.08		
V2M35S-6		2.20		
V2M35S-7	(3/8)	2.34	3/4	7/8
V2M35S-8	.3748	2.48		
V2M35S-9		2.64		
V2M35S-10		2.80		
V2M35S-11		2.95		
V2M35S-12		3.15		
V2M35S-13		3.35		
V2M35S-14		3.64		
V2M35S-15		3.94		

Other sizes available upon request.

SERIES	BORE	MATERIAL	NAME	BELT
<b>2V</b>	<b>1/2"</b>	303 Stainless Steel	<b>Power-V</b>	Operates with Power-V 2V Series (1/4"W X 7/32"D)



STOCK NO.	BORE	O.D.	H	L
V2M37S-1		1.67		
V2M37S-2		1.77		
V2M37S-3		1.87		
V2M37S-4		1.97		
V2M37S-5		2.08		
V2M37S-6		2.20		
V2M37S-7	(1/2)	2.34	1"	7/8
V2M37S-8	.4998	2.48		
V2M37S-9		2.64		
V2M37S-10		2.80		
V2M37S-11		2.95		
V2M37S-12		3.15		
V2M37S-13		3.35		
V2M37S-14		3.64		
V2M37S-15		3.94		

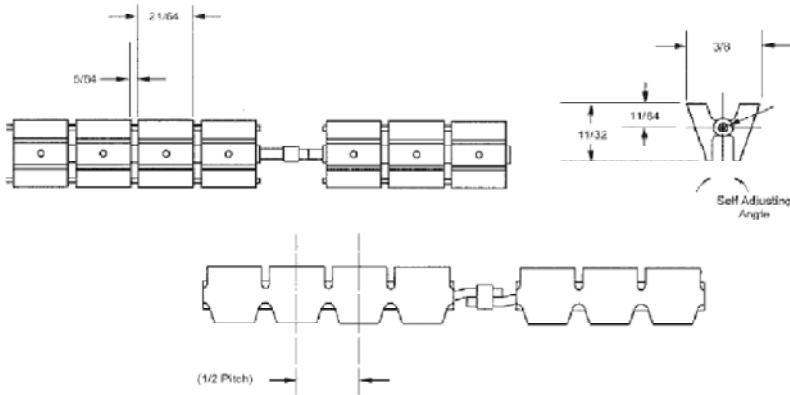
Other sizes available upon request.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# V-BELTS

SERIES	WIDTH	HEIGHT	MATERIAL	NAME	PULLEY
<b>3V</b>	<b>1/4"</b>	<b>11/32"</b>	Polyurethane (Red) with 1/32" Dia. Stainless Steel Cable	<b>POWER-V</b>	3V Series



- More sidewall contact
- Less slippage
- Greater power transmission
- Infinite length variations
- Extra strong
- Silent drive
- 90A Durometer/Nylon 55D
- Weight .60 oz./ft.
- Ultimate Tensile Strength 125 lbs.
- Temperature Range +180°F to -15°F
- Recommended Operating Load 30 lbs.
- Recommended Max. Operating Speed 376 ft./min.
- For Field Splice Kit Order 3V-7.

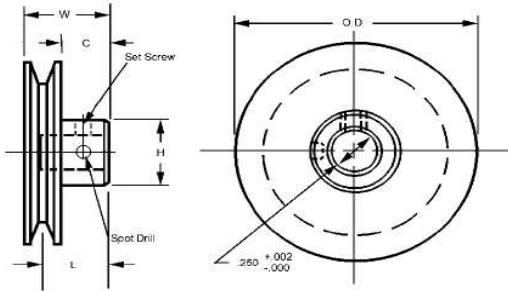
STOCK NO.	LENGTH (Ref.)
3V-12	6.00
3V-13	6.50
3V-14	7.00
3V-15	7.50
3V-16	8.00
3V-17	8.50
3V-18	9.00
3V-19	9.50
3V-20	10.00
3V-21	10.50
3V-22	11.00
3V-23	11.50
3V-24	12.00
3V-25	12.50
3V-26	13.00
3V-27	13.50
3V-28	14.00
3V-29	14.50
3V-30	15.00
3V-31	15.50
3V-32	16.00
3V-33	16.50
3V-34	17.00
3V-35	17.50
3V-36	18.00
3V-37	18.50
3V-38	19.00
3V-39	19.50
3V-40	20.00
3V-41	20.50
3V-42	21.00
3V-43	21.50
3V-44	22.00
3V-45	22.50
3V-46	23.00
3V-47	23.50
3V-48	24.00
3V-49	24.50
3V-50	25.00
3V-51	25.50
3V-52	26.00
3V-53	26.50
3V-54	27.00
3V-55	27.50
3V-56	28.00
3V-57	28.50
3V-58	29.00
3V-59	29.50
3V-60	30.00
3V-61	30.50
3V-62	31.00
3V-63	31.50
3V-64	32.00
3V-65	32.50
3V-66	33.00
3V-67	33.50
3V-68	34.00
3V-69	34.50
3V-70	35.00
3V-71	35.50
3V-72	36.00
3V-74	37.00

BULK FOOTAGE NOT SPLICED	
STOCK NO.	LENGTH
3V-5FT	5 Feet
3V-10FT	10 Feet
3V-25FT	25 Feet
3V-50FT	50 Feet
3V-100FT	100 Feet

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# V-BELT PULLEYS

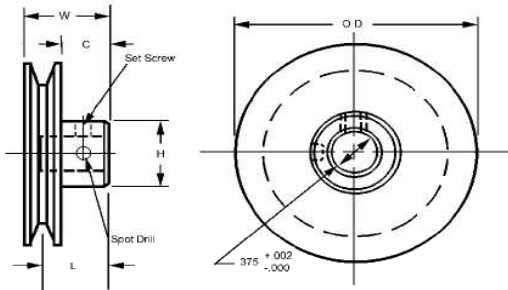
SERIES	BORE	MATERIAL	NAME	BELT
<b>3V</b>	<b>1/4"</b>	Die Cast Zinc Alloy	<b>Power-V</b>	Operates with Power-V 3V Series (3/8"W X 11/32"D)



STOCK NO.	O.D. ± 5/64	W	C	L	H
V3-150-2	1 1/2	1	1/2	7/8	15/16
V3-200-2	2				1

All pulleys have set screws supplied.  
Other bore sizes and keyways are available upon request.

SERIES	BORE	MATERIAL	NAME	NOTE
<b>3V</b>	<b>3/8"</b>	Die Cast Zinc Alloy	<b>Power-V</b>	Operates with Power-V 3V Series (3/8"W X 11/32"D)



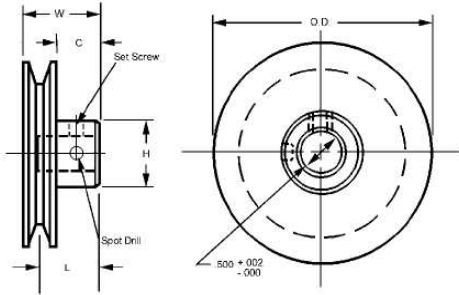
STOCK NO.	O.D. ± 5/64	W	C	L	H
V3-150-3	1 1/2	1	1/2	7/8	15/16
V3-200-3	2				1
V3-250-3	2 1/2				1 1/8
V3-300-3	3				1 1/8
V3-350-3	3 1/2				1 1/8
V3-400-3	4				1 1/8

All pulleys have set screws supplied.  
Other bore sizes and keyways are available upon request.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

## V-BELT PULLEYS

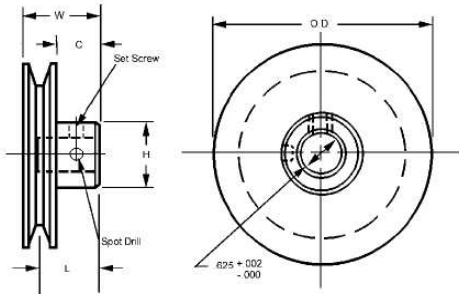
SERIES	BORE	MATERIAL	NAME	BELT
<b>3V</b>	<b>1/2"</b>	Die Cast Zinc Alloy	<b>Power-V</b>	Operates with Power-V 3V Series (3/8"W X 11/32"D)



STOCK NO.	O.D. ± 5/64	W	C	L	H
V3-150-4	1 1/2	1	1/2	7/8	15/16
V3-200-4	2				1
V3-250-4	2 1/2				1 1/8
V3-300-4	3				1 1/8
V3-350-4	3 1/2				1 1/8
V3-400-4	4				1 1/8

All pulleys have set screws supplied.  
Other bore sizes and keyways are available upon request.

SERIES	BORE	MATERIAL	NAME	BELT
<b>3V</b>	<b>5/8"</b>	Die Cast Zinc Alloy	<b>Power-V</b>	Operates with Power-V 3V Series (3/8"W X 11/32"D)

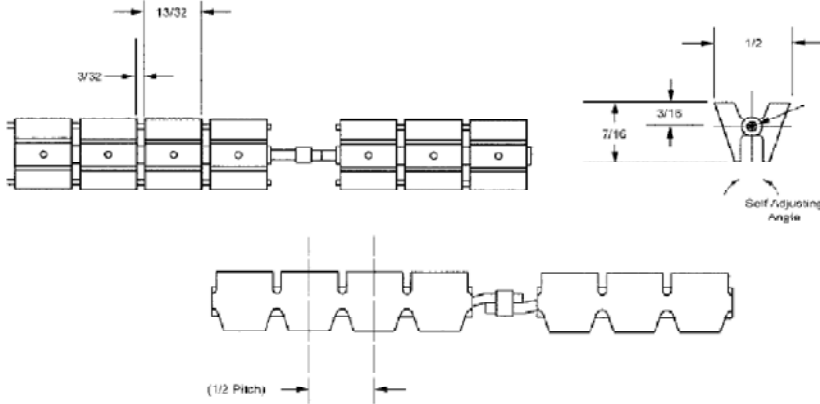


STOCK NO.	O.D. ± 5/64	W	C	L	H
V3-200-5	2	1	1/2	7/8	1
V3-250-5	2 1/2				1 1/8
V3-300-5	3				1 1/8
V3-350-5	3 1/2				1 1/8
V3-400-5	4				1 1/8

All pulleys have set screws supplied.  
Other bore sizes and keyways are available upon request.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

SERIES	WIDTH	HEIGHT	MATERIAL	NAME	PULLEY
4V	1/2"	7/16"	Polyurethane with 1/16" Dia. Stainless Steel Cable	POWER-V	Operates with Power-V 4V Series



- More sidewall contact
- Less slippage
- Greater power transmission
- Infinite length variations
- Extra strong
- Silent drive
- 90A Durometer
- Weight 1.1 oz./ft.
- Ultimate Tensile Strength 200 lbs.
- Temperature Range +180°F to -15°F
- Recommended Operating Load 50 lbs.
- Recommended Max. Operating Speed 376 ft./min.
- For Field Splice Kit Order 4V-7.

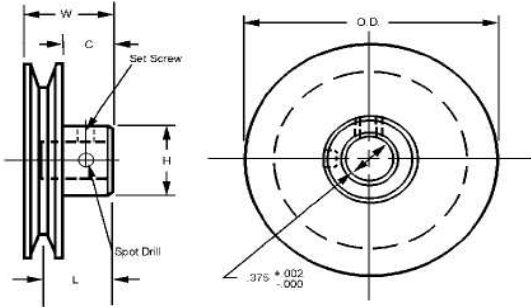
BULK FOOTAGE NOT SPLICED	
STOCK NO.	LENGTH
4V-5FT	5 Feet
4V-10FT	10 Feet
4V-25FT	25 Feet
4V-50FT	50 Feet
4V-100FT	100 Feet

STOCK NO.	LENGTH (Ref.)
4V-15	7.50
4V-16	8.00
4V-17	8.50
4V-18	9.00
4V-19	9.50
4V-20	10.00
4V-21	10.50
4V-22	11.00
4V-23	11.50
4V-24	12.00
4V-25	12.50
4V-26	13.00
4V-27	13.50
4V-28	14.00
4V-29	14.50
4V-30	15.00
4V-31	15.50
4V-32	16.00
4V-33	16.50
4V-34	17.00
4V-35	17.50
4V-36	18.00
4V-37	18.50
4V-38	19.00
4V-39	19.50
4V-40	20.00
4V-41	20.50
4V-42	21.00
4V-43	21.50
4V-44	22.00
4V-45	22.50
4V-46	23.00
4V-47	23.50
4V-48	24.00
4V-49	24.50
4V-50	25.00
4V-51	25.50
4V-52	26.00
4V-53	26.50
4V-54	27.00
4V-55	27.50
4V-56	28.00
4V-57	28.50
4V-58	29.00
4V-59	29.50
4V-60	30.00
4V-61	30.50
4V-62	31.00
4V-63	31.50
4V-64	32.00
4V-65	32.50
4V-66	33.00
4V-67	33.50
4V-68	34.00
4V-69	34.50
4V-70	35.00
4V-72	36.00
4V-74	37.00
4V-76	38.00
4V-78	39.00
4V-80	40.00
4V-82	41.00
4V-84	42.00
4V-86	43.00
4V-88	44.00
4V-90	45.00
4V-92	46.00
4V-96	48.00

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# V-BELT PULLEYS

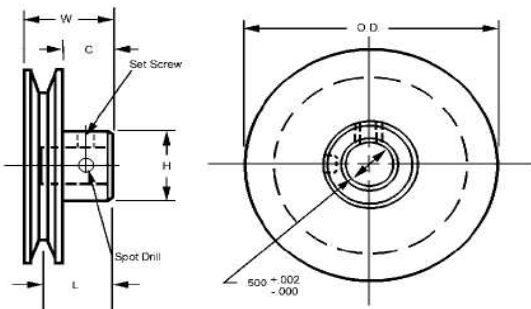
SERIES	BORE	MATERIAL	NAME	BELT
<b>4V</b>	<b>3/8"</b>	Die Cast Zinc Alloy	<b>Power-V</b>	Operates with Pow-R-Vee 4V Series (1/2"W X 13/32"D)



STOCK NO.	O.D. ± 5/64	W	C	L	H
V4-150-3	1 1/2				7/8
V4-175-3	1 3/4				1 1/16
V4-200-3	2	1-1/8	1/2	1	1 1/8
V4-225-3	2 1/4				1 1/8
V4-250-3	2 1/2				1 1/8

All pulleys have set screws supplied.  
Other bore sizes and keyways are available upon request.

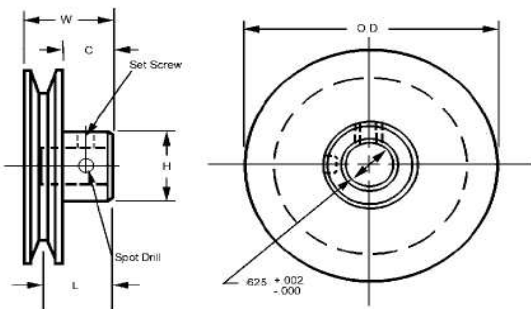
SERIES	BORE	MATERIAL	NAME	BELT
<b>4V</b>	<b>1/2"</b>	Die Cast Zinc Alloy	<b>Power-V</b>	Operates with Power-V 4V Series (1/2"W X 13/32"D)



STOCK NO.	O.D. ± 5/64	W	C	L	H
V4-150-4	1 1/2	1 1/8	1/2	1	7/8
V4-175-4	1 3/4	1 1/8	1/2	1	1 1/16
V4-200-4	2	1 1/8	1/2	1	1 1/8
V4-225-4	2 1/4	1 1/8	1/2	1	1 1/8
V4-250-4	2 1/2	1 1/8	1/2	1	1 1/8
V4-300-4	3	1 1/8	1/2	1 1/8	1 1/4
V4-325-4	3 1/4	1 3/16	1/2	1 1/8	1 1/4
V4-350-4	3 1/2	1 1/4	5/8	1 1/8	1 1/4
V4-400-4	4	1 1/4	5/8	1 1/8	1 1/4
V4-500-4	5	1 3/8	7/8	1 3/16	1 9/16
V4-600-4	6	1 1/2	7/8	1 5/16	1 9/16
V4-700-4	7	1 1/2	7/8	1 5/16	1 9/16
V4-800-4	8	1 1/2	7/8	1 11/32	1 3/8
V4-900-4	9	1 1/2	13/16	1 11/32	2 1/16
V4-1000-4	10	1 1/2	13/16	1 11/32	2 1/16

All pulleys have set screws supplied.  
Other bore sizes and keyways are available upon request.

SERIES	BORE	MATERIAL	NAME	BELT
<b>4V</b>	<b>5/8"</b>	Die Cast Zinc Alloy	<b>Power-V</b>	Operates with Power-V 4V Belt Series (1/2"W X 13/32"D)



STOCK NO.	O.D. ± 5/64	W	C	L	H
V4-175-5	1-3/4	1 1/8	1/2	1	1 1/16
V4-200-5	2*	1 1/8	1/2	1	1 1/8
V4-225-5	2 1/4*	1 1/8	1/2	1	1 1/8
V4-250-5	2 1/2*	1 1/8	1/2	1	1 1/8
V4-300-5	3*	1 1/8	1/2	1 1/8	1 1/4
V4-325-5	3 1/4*	1 3/16	1/2	1 1/8	1 1/4
V4-350-5	3 1/2*	1 1/4	5/8	1 1/8	1 1/4
V4-400-5	4*	1 1/4	5/8	1 1/8	1 1/4
V4-500-5	5*	1 3/8	7/8	1 3/16	1 9/16
V4-600-5	6*	1 1/2	7/8	1 5/16	1 9/16
V4-700-5	7*	1 1/2	7/8	1 5/16	1 9/16
V4-800-5	8*	1 1/2	7/8	1 11/32	1 3/8
V4-900-5	9*	1 1/2	13/16	1 11/32	2 1/16
V4-1000-5	10*	1 1/2	13/16	1 11/32	2 1/16

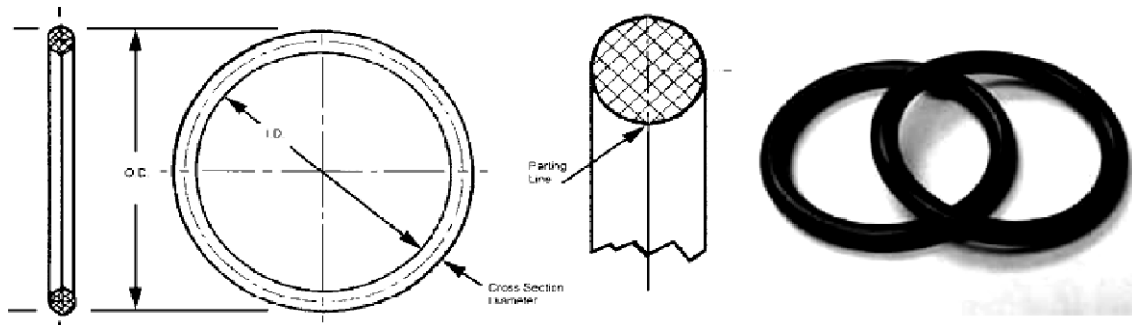
\* Keyway Supplied 3/16" - 3/32"  
All pulleys have set screws supplied.  
Other bore sizes and keyways are available upon request.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# O RING BELTS - 70A AND 90A DUROMETER

**ELASTOMER COMPOUND  
BUNA-N**

**CROSS SECTION (CS)**  
3/64", 1/16", 3/32", 1/8", 3/16" and 1/4"  
1mm, 1.5, 1.7, 2, 2.4, 2.5, 2.65, 3, 3.5, 4, 4.5, 5mm



- Low break-away friction
- No extrusion
- Higher temperature resistance
- No back up rings required
- Low permanent set
- No cold flow
- No special tool required
- STS-70 series stretch is 15% of belt length for proper tension.
- STS-90 series stretch is 7% of belt length for proper tension.

Temperature -40 to +180 degree F

## PLEASE ORDER

**FOR 70 A DUROMETER - OR70-OD-ID-CS**

**FOR 90 A DUROMETER - OR90-OD-ID-CS**

**METRIC SIZE ARE AVAILABLE - ORM70-OD-ID-CS or ORM90-OD-ID-CS**

EXAMPLE : INSIDE DIAMETER(ID)= 5/8, OUTSIDE DIAMETER (OD) = 3/4, CROSS SECTION (CS)= 1/16

70A DUROMETER OR70-5/8-3/4-1/16

90A DUROMETER OR90-5/8-3/4-1/16

EXAMPLE METRIC : INSIDE DIAMETER(ID)= 16mm, OUTSIDE DIAMETER (OD) = 20mm, CROSS SECTION (CS)= 2mm

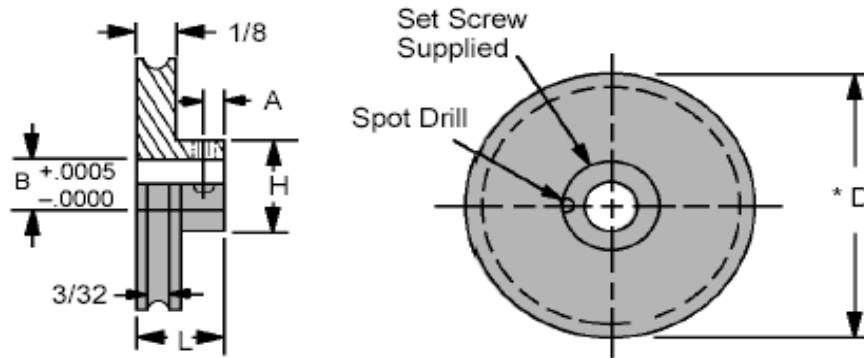
70A DUROMETER ORM70-16-20-2

90A DUROMETER ORM90-16-20-2

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# GROVE PULLEYS

FOR 1/16" DIAMETER PULLEY BELTS 1/8", 3/16" & 1/4" BORE



STOCK NUMBER	B	D	H	L	A
GP-1		0.500			
GP-2	0.1248	0.750			
GP-3	(1/8")	1.000	5/16"	5/16"	3/32"
GP-4		1.500			
GP-5		2.000			
GP-6					
GP-7		0.500			
GP-8		0.750			
GP-9	0.1873	1.000	3/8"	11/32"	7/64"
GP-10	(3/16")	1.500			
GP-11		2.000			
GP-12					
GP-13		1.000			
GP-14	2.498	1.500			
GP-15	(1/4")	2.000	1/2"	3/8"	1/8"
		2.500			
		3.000			

\* OUTSIDE DIAMETER = PITCH DIAMETER  
FOR SPECIAL DIAMETER CONTACT THE FACTORY.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# FRICTION DRIVE ROLLERS

1/8" to 1/4" BORE

**MATERIAL**

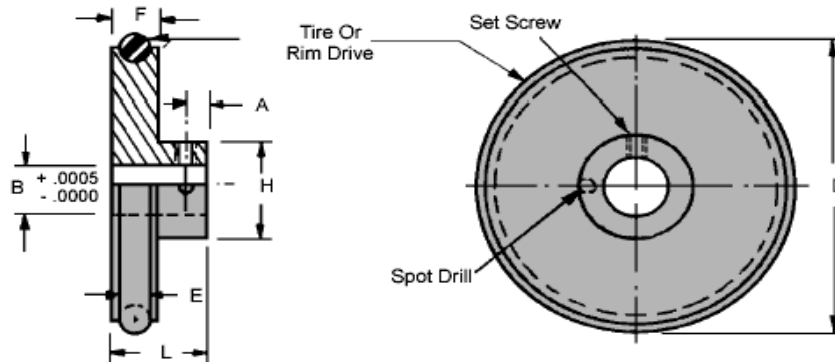
WHEEL- 303 SS

TIRE- BUNA-N ELASTOMER COMPOUND

IDEAL AS A PAPER TAPE

OR CARD DRIVE

TEMP RANGE -40 DEGREE To+ 180 F



STOCK NUMBER	B	D	H	L	A	F	E
P1-1	.1248 (1/8)	5/8	5/16	.375	.09	3/16	3/32
P1-2		7/8					3/32
P1-3		1-1/8				1/8	
P1-4		1-5/8					
P1-5		2-1/8					
P1-6	.1873 (3/16)	5/8	3/8	.406	.11	3/16	3/32
P1-7		7/8					1/8
P1-8		1-1/8				1/8	
P1-9		1-5/8					
P1-10		2-1/8					
P1-11	.2498 (1/4)	5/8	1/2	.437	.12	3/16	3/32
P1-12		7/8					1/8
P1-13		1-1/8				1/8	
P1-14		1-5/8					
P1-15		2-1/8					
P1-16		2-5/8					
P1-17		3-1/8					

Other materials & diameters available on request.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# FRICTION DRIVE ROLLERS

5/16" to 1/2" BORE

**MATERIAL**

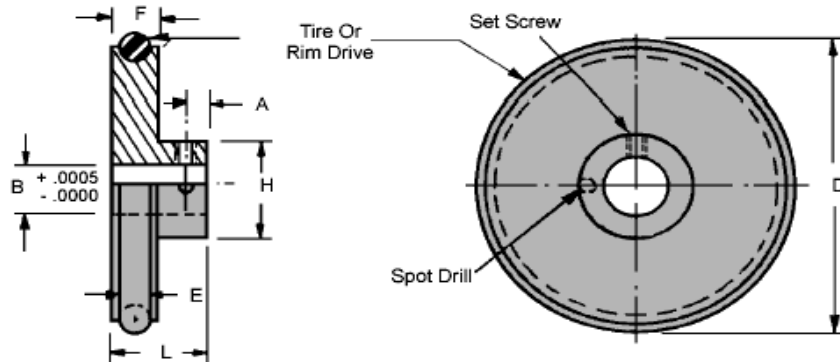
WHEEL- 303 SS

TIRE- BUNA-N ELASTOMER COMPOUND

IDEAL AS A PAPER TAPE

OR CARD DRIVE

TEMP RANGE -40 DEGREE To +180 F



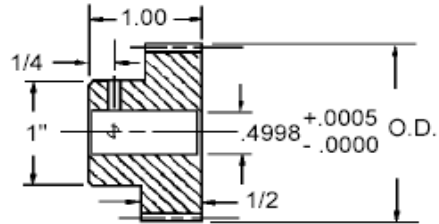
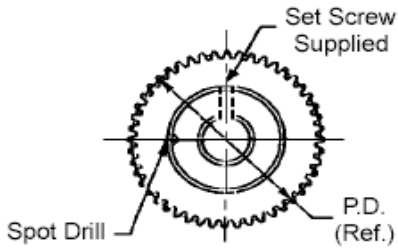
STOCK NUMBER	B	D	H	L	A	F	E
P1-18 P1-19 P1-20 P1-21	.3123 (5/16)	1-1/8 2-1/8 3-1/8 4-1/8	1/2	.437	.12	3/16	1/8
P1-22 P1-23 P1-24 P1-25	.3748 (3/8)	1-1/8 2-1/8 3-1/8 4-1/8	3/4	.750	.25	1/4	1/8
P1-26 P1-27 P1-28 P1-29	.4998 (1/2)	1-1/8 2-1/8 3-1/8 4-1/8	1"	.875	.25	3/8	1/8

Other materials & diameters available on request.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# PRECISION SPUR GEAR

## 16 PITCH SPUR GEAR



303 Stainless Steel	AGMA STANDARD Q10 OR BETTER			
STOCK #	NO OF TEETH	PITCH DIAM.	O.D.	
PD16S-18	18	1.250	1.250	
PD16S-20	20	1.250	1.375	
PD16S-24	24	1.500	1.625	
PD16S-28	28	1.750	1.875	
PD16S-30	30	1.875	2.000	
PD16S-32	32	2.000	2.125	
PD16S-36	36	2.250	2.375	
PD16S-40	40	2.500	2.625	
PD16S-48	48	3.000	3.125	
PD16S-56	56	3.500	3.625	
PD16S-64	64	4.000	4.125	

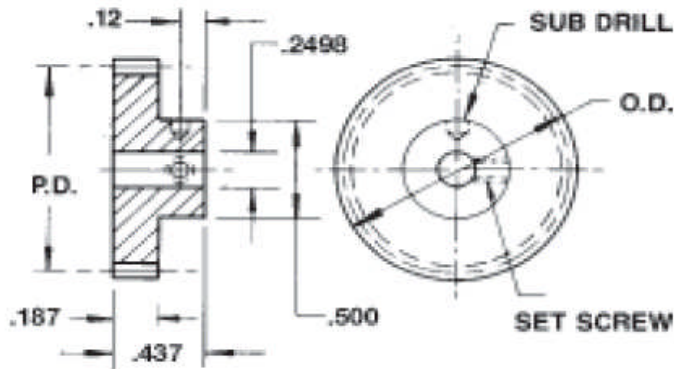
Available in 14.5 PA and 20 PA

Other Number of teeth available on request

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-16 PITCH — $\frac{3}{16}$ " Face Width ■ 20° Pressure Angle

Pin Hub —  $\frac{1}{4}$ " Bore



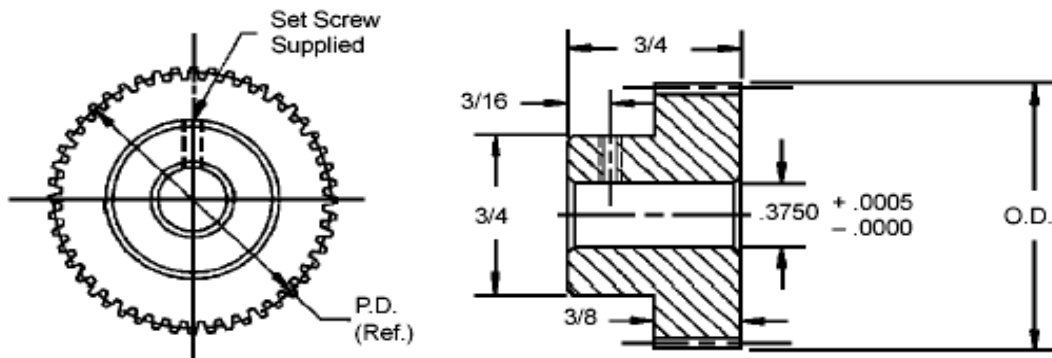
STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER			
1/4 BORE	+0.0005/-0.0000			
PIN HUB	PIN HUB			
16S4F3P11	16A4F3P11	11	0.6875	0.813
16S4F3P12	16A4F3P12	12	0.7500	0.875
16S4F3P13	16A4F3P13	13	0.8125	0.938
16S4F3P14	16A4F3P14	14	0.8750	1.000
16S4F3P15	16A4F3P15	15	0.9375	1.063
16S4F3P16	16A4F3P16	16	1.0000	1.125
16S4F3P17	16A4F3P17	17	1.0625	1.188
16S4F3P18	16A4F3P18	18	1.1250	1.250
16S4F3P19	16A4F3P19	19	1.1875	1.313
16S4F3P20	16A4F3P20	20	1.2500	1.375
16S4F3P21	16A4F3P21	21	1.3125	1.438
16S4F3P22	16A4F3P22	22	1.3750	1.500
16S4F3P23	16A4F3P23	23	1.4375	1.563
16S4F3P24	16A4F3P24	24	1.5000	1.625
16S4F3P27	16A4F3P27	27	1.6875	1.813
16S4F3P30	16A4F3P30	30	1.8750	2.000
16S4F3P32	16A4F3P32	32	2.0000	2.125
16S4F3P34	16A4F3P34	34	2.1250	2.250
16S4F3P38	16A4F3P38	38	2.3750	2.500
16S4F3P40	16A4F3P40	40	2.5000	2.625
16S4F3P44	16A4F3P44	44	2.7500	2.875
16S4F3P46	16A4F3P46	46	2.8750	3.000

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
 PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
 FOR SPECIAL GEARS ORDER AS FOLLOWS  
 FOR UNLISTED NUMBER OF TEETH DESIRED  
 BORE AS LAST DASH NUMBER  
 FOR EXAMPLE 16S4P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# PRECISION SPUR GEAR

24 PITCH 3/8" BORE 3/8" FACE PIN STYLE 20 DEGREE PA



303 STAINLESS STEEL	BRONZE ALLOY 464	BERG QUALITY #10 OR BETTER PER AGMA STANDARD 2000-A88		
STOCK NUMBER	STOCK NUMBER	NO. OF TEETH	PITCH DIAMETER	OUTSIDE DIAMETER
24S34-15	24B34-15	15	.6250	.708
24S34-16	24B34-16	16	.6666	.750
24S34-18	24B34-18	18	.7500	.833
24S34-20	24B34-20	20	.8333	.916
24S34-24	24B34-24	24	1.0000	1.083
24S34-28	24B34-28	28	1.1666	1.250
24S34-30	24B34-30	30	1.2500	1.333
24S34-36	24B34-36	36	1.5000	1.583
24S34-40	24B34-40	40	1.6666	1.750
24S34X-48	24B34X-48	48	2.0000	2.083
24S34X-56	24B34X-56	56	2.3333	2.416
24S34X-60	24B34X-60	60	2.5000	2.583
24S34X-72	24B34X-72	72	3.0000	3.083
24S34X-80	24B34X-80	80	3.3333	3.416
24S34X-96	24B34X-96	96	4.0000	4.083
24S34X-112	24B34X-112	112	4.6666	4.750
24S34X-120	24B34X-120	120	5.0000	5.083

X IN PART # INDICATES PART MAY BE SUPPLIED AS TWO PIECE CONSTRUCTION  
(SOME DIMENSION MAY CHANGE)

\* TEETH CUT INTO HUB.

HUB O.D. NEVER EXCEEDS GEAR O.D.

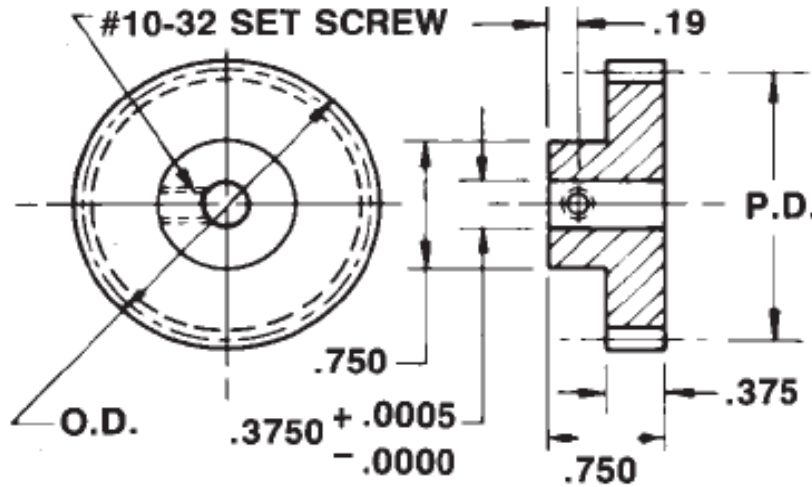
OTHER NUMBER OF TEETH AVAILABLE ON REQUEST.

14-1/2" PA AVAILABLE JUST ADD 14-1/2" TO THE PART NUMBER WHEN ORDERING

**PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-20 PITCH — $\frac{3}{8}$ " Face Width ■ 20° Pressure Angle

Pin Hub —  $\frac{3}{8}$ " Bore



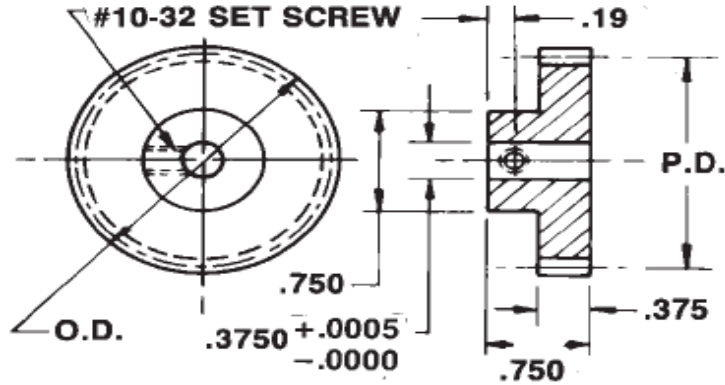
STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER			
3/8 BORE +.0005/-.0000				
PIN HUB	PIN HUB			
20S6F6P18	20A6F6P18	18	0.9000	1.000
20S6F6P20	20A6F6P20	20	1.0000	1.100
20S6F6P24	20A6F6P24	24	1.2000	1.300
20S6F6P28	20A6F6P28	28	1.4000	1.500
20S6F6P30	20A6F6P30	30	1.5000	1.600
20S6F6P36	20A6F6P36	36	1.8000	1.900
20S6F6P40	20A6F6P40	40	2.0000	2.100
20S6F6P48	20A6F6P48	48	2.4000	2.500
20S6F6P56	20A6F6P56	56	2.8000	2.900
20S6F6P60	20A6F6P60	60	3.0000	3.100
20S6F6P72	20A6F6P72	72	3.6000	3.700
20S6F6P80	20A6F6P80	80	4.0000	4.100
20S6F6P84	20A6F6P84	84	4.2000	4.300
20S6F6P96	20A6F6P96	96	4.8000	4.900
20S6F6P100	20A6F6P100	100	5.0000	5.100

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
 PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
 FOR SPECIAL GEARS ORDER AS FOLLOWS  
 FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST DASH NUMBER  
 FOR EXAMPLE 20S6P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-24 PITCH — $\frac{3}{8}$ " Face Width ■ 20° Pressure Angle

Pin Hub —  $\frac{3}{8}$ " Bore



PG73N

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
3/8 BORE	+0.0005/-0.0000	3/8 BORE	+0.0005/-0.0000			
PIN HUB	PIN HUB	HUBLESS	HUBLESS			
24S6F6P24	24A6F6P24	24S6F6H24	24A6F6H24	24	1.0000	1.083
24S6F6P28	24A6F6P28	24S6F6H28	24A6F6H28	28	1.1667	1.250
24S6F6P30	24A6F6P30	24S6F6H30	24A6F6H30	30	1.2500	1.333
24S6F6P36	24A6F6P36	24S6F6H36	24A6F6H36	36	1.5000	1.583
24S6F6P40	24A6F6P40	24S6F6H40	24A6F6H40	40	1.6667	1.750
24S6F6P48	24A6F6P48	24S6F6H48	24A6F6H48	48	2.0000	2.083
24S6F6P56	24A6F6P56	24S6F6H56	24A6F6H56	56	2.3333	2.417
24S6F6P60	24A6F6P60	24S6F6H60	24A6F6H60	60	2.5000	2.583
24S6F6P72	24A6F6P72	24S6F6H72	24A6F6H72	72	3.0000	3.083
24S6F6P80	24A6F6P80	24S6F6H80	24A6F6H80	80	3.3333	3.417
24S6F6P96	24A6F6P96	24S6F6H96	24A6F6H96	96	4.0000	4.083
24S6F6P112	24A6F6P112	24S6F6H112	24A6F6H112	112	4.6667	4.750
24S6F6P120	24A6F6P120	24S6F6H120	24A6F6H120	120	5.0000	5.083

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE

PLEASE CALL POWER DRIVE FOR MORE INFORMATION

FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST DASH NUMBER

FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER

FOR EXAMPLE 24S4F6P50-.2350

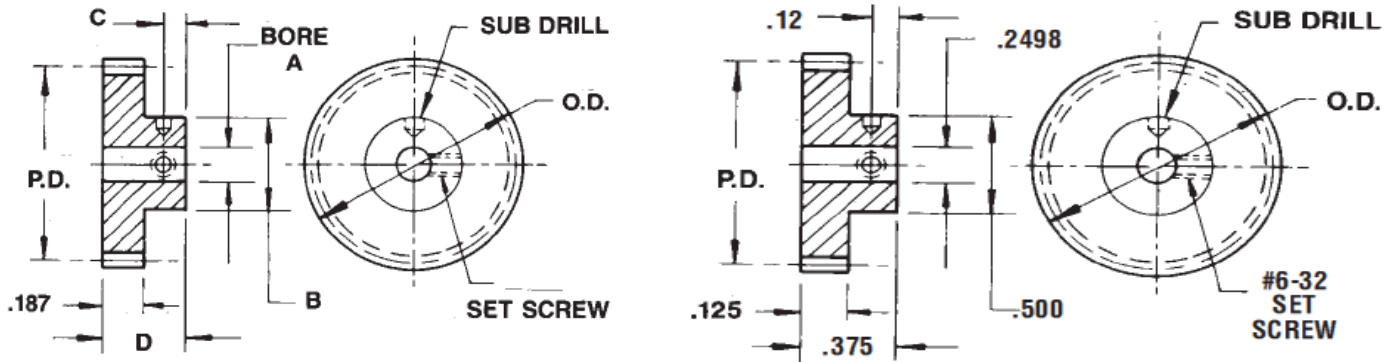
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-24 PITCH —

$\frac{3}{16}$ " Face Width ■ 20° Pressure Angl ■

$\frac{1}{8}$ " Face Width

Pin Hub —  $\frac{3}{16}$ ",  $\frac{1}{4}$ " Bores



FOR A=3/16	B=.375	C=.11	D =.406	#4-40 SET SCREW
FOR A=1/4	B=.500	C=.12	D =.437	#6-32 SET SCREW

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1873 BORE +.0005/-0.0000		.2498 BORE +.0005/-0.0000		.24988 BORE +.0005/-0.0000				
24S3F3P15	24A3F3P15	24S4F3P15	24A4F3P15	24S4F2P15	24A6F2P15	15	0.6250	0.708
24S3F3P18	24A3F3P18	24S4F3P18	24A4F3P18	24S4F2P18	24A6F2P18	18	0.7500	0.833
24S3F3P20	24A3F3P20	24S4F3P20	24A4F3P20	24S4F2P20	24A6F2P20	20	0.8333	0.917
24S3F3P22	24A3F3P22	24S4F3P22	24A4F3P22	24S4F2P22	24A6F2P22	22	0.9167	1.000
24S3F3P24	24A3F3P24	24S4F3P24	24A4F3P24	24S4F2P24	24A6F2P24	24	1.0000	1.083
24S3F3P27	24A3F3P27	24S4F3P27	24A4F3P27	24S4F2P27	24A6F2P27	27	1.1250	1.208
24S3F3P30	24A3F3P30	24S4F3P30	24A4F3P30	24S4F2P30	24A6F2P30	30	1.2500	1.333
24S3F3P36	24A3F3P36	24S4F3P36	24A4F3P36	24S4F2P36	24A6F2P36	36	1.5000	1.583
24S3F3P39	24A3F3P39	24S4F3P39	24A4F3P39	24S4F2P39	24A6F2P39	39	1.6250	1.708
24S3F3P42	24A3F3P42	24S4F3P42	24A4F3P42	24S4F2P42	24A6F2P42	42	1.7500	1.833
24S3F3P45	24A3F3P45	24S4F3P45	24A4F3P45	24S4F2P45	24A6F2P45	45	1.8750	1.958
24S3F3P48	24A3F3P48	24S4F3P48	24A4F3P48	24S4F2P48	24A6F2P48	48	2.0000	2.083
24S3F3P54	24A3F3P54	24S4F3P54	24A4F3P54	24S4F2P54	24A6F2P54	54	2.2500	2.333
24S3F3P60	24A3F3P60	24S4F3P60	24A4F3P60	24S4F2P60	24A6F2P60	60	2.5000	2.583
24S3F3P63	24A3F3P63	24S4F3P63	24A4F3P63	24S4F2P63	24A6F2P63	63	2.6250	2.708
24S3F3P66	24A3F3P66	24S4F3P66	24A4F3P66	24S4F2P66	24A6F2P66	66	2.7500	2.833
24S3F3P69	24A3F3P69	24S4F3P69	24A4F3P69	24S4F2P69	24A6F2P69	69	2.8750	2.958
24S3F3P72	24A3F3P72	24S4F3P72	24A4F3P72	24S4F2P72	24A6F2P72	72	3.0000	3.083

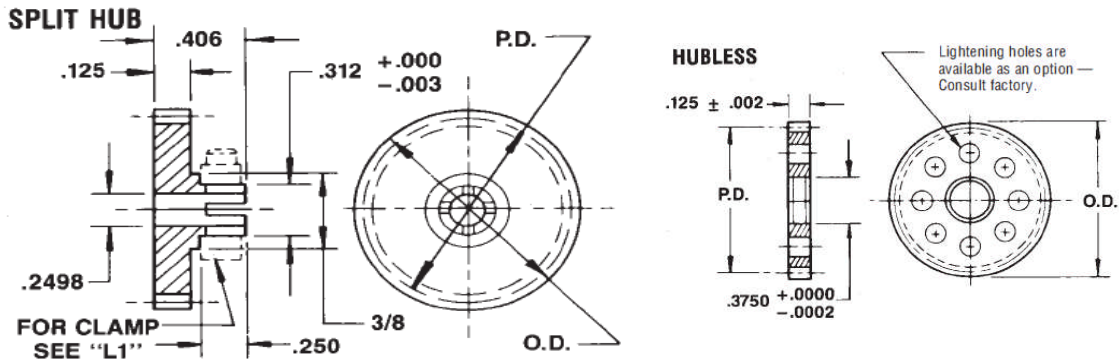
OTHER BORE SIZE AND NUMBER OF OF TEETH AVAILABLE  
 PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
 FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
 FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
 FOR EXAMPLE 24S4F3P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-24 PITCH — 1/8" Face Width ■ 20° Pressure Angle

## Split Hub - 1/4" Bores — Hubless 3/8" Bore



STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
1/4 BORE	+0.0005/-0.0000	3/8 BORE	+0.0005/-0.0000			
SPLIT HUB	SPLIT HUB	HUBLESS	HUBLESS			
24S4F2C12	24A4F2C12	-	-	12	0.5000	0.583
24S4F2C13	24A4F2C13	-	-	13	0.5418	0.625
24S4F2C14	24A4F2C14	-	-	14	0.5833	0.667
24S4F2C15	24A4F2C15	24S6F2H15	24A6F2H15	15	0.6250	0.708
24S4F2C16	24A4F2C16	24S6F2H16	24A6F2H16	16	0.6667	0.750
24S4F2C17	24A4F2C17	24S6F2H17	24A6F2H17	17	0.7083	0.792
24S4F2C18	24A4F2C18	24S6F2H18	24A6F2H18	18	0.7500	0.833
24S4F2C19	24A4F2C19	24S6F2H19	24A6F2H19	19	0.7917	0.875
24S4F2C20	24A4F2C20	24S6F2H20	24A6F2H20	20	0.8333	0.917
24S4F2C21	24A4F2C21	24S6F2H21	24A6F2H21	21	0.8750	0.958
24S4F2C22	24A4F2C22	24S6F2H22	24A6F2H22	22	0.9167	1.000
24S4F2C23	24A4F2C23	24S6F2H23	24A6F2H23	23	0.9583	1.042
24S4F2C24	24A4F2C24	24S6F2H24	24A6F2H24	24	1.0000	1.083
24S4F2C27	24A4F2C27	24S6F2H27	24A6F2H27	27	1.1250	1.208
24S4F2C30	24A4F2C30	24S6F2H30	24A6F2H30	30	1.2500	1.333
24S4F2C33	24A4F2C33	24S6F2H33	24A6F2H33	33	1.3750	1.458
24S4F2C36	24A4F2C36	24S6F2H36	24A6F2H36	36	1.5000	1.583
24S4F2C39	24A4F2C39	24S6F2H39	24A6F2H39	39	1.6250	1.708
24S4F2C42	24A4F2C42	24S6F2H42	24A6F2H42	42	1.7500	1.833
24S4F2C45	24A4F2C45	24S6F2H45	24A6F2H45	45	1.8750	1.958

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION

FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST DASH NUMBER

FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER

FOR EXAMPLE 24S4C50-.2350

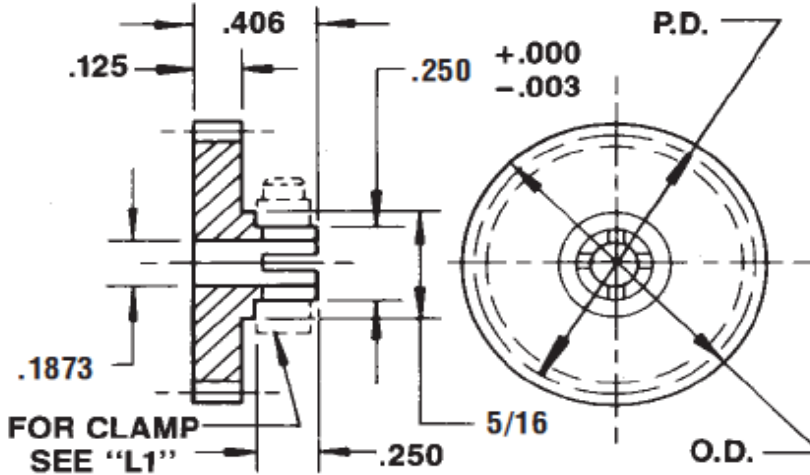
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# SPUR GEAR-32 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Split Hub - 3/16" Bore

## SPLIT HUB



STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER			
3/16 BORE +.0005/-0.0000				
SPLIT HUB	SPLIT HUB			
32S3F2C14	32A3F2C14	14	0.4375	0.500
32S3F2C15	32A3F2C15	15	0.4688	0.531
32S3F2C16	32A3F2C16	16	0.5000	0.563
32S3F2C17	32A3F2C17	17	0.5313	0.594
32S3F2C18	32A3F2C18	18	0.5625	0.625
32S3F2C19	32A3F2C19	19	0.5938	0.656
32S3F2C20	32A3F2C20	20	0.6250	0.688
32S3F2C21	32A3F2C21	21	0.6563	0.719
32S3F2C22	32A3F2C22	22	0.6875	0.750
32S3F2C23	32A3F2C23	23	0.7188	0.781
32S3F2C24	32A3F2C24	24	0.7500	0.813
32S3F2C25	32A3F2C25	25	0.7813	0.844
32S3F2C28	32A3F2C28	28	0.8750	0.938
32S3F2C30	32A3F2C30	30	0.9375	1.000
32S3F2C32	32A3F2C32	32	1.0000	1.063
32S3F2C33	32A3F2C33	33	1.0313	1.094
32S3F2C36	32A3F2C36	36	1.1250	1.188
32S3F2C39	32A3F2C39	39	1.2188	1.281
32S3F2C40	32A3F2C40	40	1.2500	1.313
32S3F2C42	32A3F2C42	42	1.3125	1.375
32S3F2C45	32A3F2C45	45	1.4063	1.469

STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER			
3/16 BORE +.0005/-0.0000				
SPLIT HUB	SPLIT HUB			
32S3CFC48	32A3F2C48	48	1.5000	1.563
32S3F2C51	32A3F2C51	51	1.5938	1.656
32S3F2C54	32A3F2C54	54	1.6875	1.750
32S3F2C56	32A3F2C56	56	1.7500	1.813
32S3F2C60	32A3F2C60	60	1.8750	1.938
32S3F2C63	32A3F2C63	63	1.9688	2.031
32S3F2C64	32A3F2C64	64	2.0000	2.063
32S3F2C66	32A3F2C66	66	2.0625	2.125
32S3F2C69	32A3F2C69	69	2.1563	2.219
32S3F2C72	32A3F2C72	72	2.2500	2.313
32S3F2C78	32A3F2C78	78	2.4375	2.500
32S3F2C80	32A3F2C80	80	2.5000	2.563
32S3F2C84	32A3F2C84	84	2.6250	2.688
32S3F2C90	32A3F2C90	90	2.8125	2.875
32S3F2C96	32A3F2C96	96	3.0000	3.063
32S3F2C99	32A3F2C99	99	3.0938	3.156
32S3F2C112	32A3F2C112	112	3.5000	3.563
32S3F2C125	32A3F2C125	125	3.9063	3.969
32S3F2C128	32A3F2C128	128	4.0000	4.063
32S3F2C130	32A3F2C130	130	4.0625	4.125
32S3F2C-132	32A3F2C-132	132	4.1250	4.188

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST DASH NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE 32S3F2C31-.2350

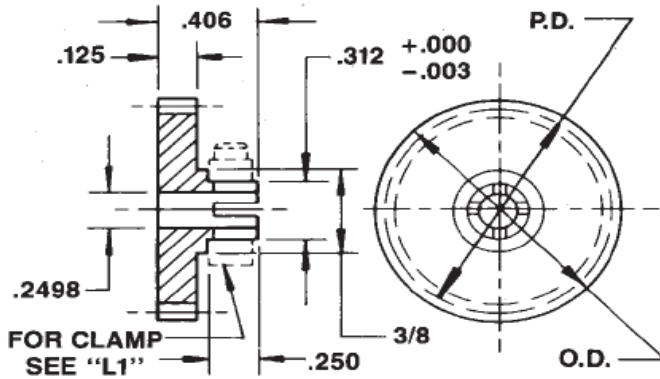
PDC, INC. TEL: 516-694-2740 FAX: 516-694-0435

PDC, INC. TEL: 631-393-6767 6768 FAX: 631-393-6769

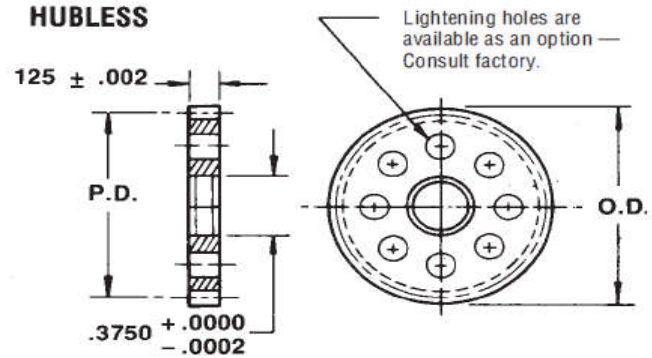
# SPUR GEAR-32 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Split Hub - 1/4" Bores — Hubless 3/8" Bore

## SPLIT HUB



## HUBLESS



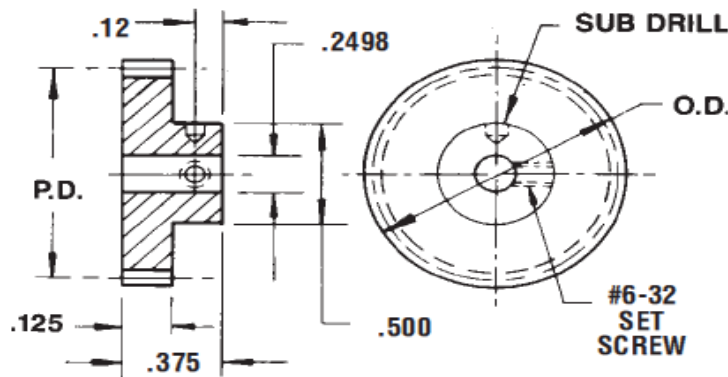
STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
3/16 BORE	+0.0005/-0.0000	3/8 BORE	+0.0005/-0.0000			
SPLIT HUB	SPLIT HUB	HUBLESS	HUBLESS			
32S4F2C15	32A4F2C15	-	-	15	0.4688	0.531
32S4F2C16	32A4F2C16	-	-	16	0.5000	0.563
32S4F2C17	32A4F2C17	-	-	17	0.5313	0.594
32S4F2C18	32A4F2C18	-	-	18	0.5625	0.625
32S4F2C19	32A4F2C19	32S6F2H19	32A6F2H19	19	0.5938	0.656
32S4F2C20	32A4F2C20	32S6F2H20	32A6F2H20	20	0.6250	0.688
32S4F2C22	32A4F2C22	32S6F2H22	32A6F2H22	22	0.6875	0.750
32S4F2C24	32A4F2C24	32S6F2H24	32A6F2H24	24	0.7500	0.813
32S4F2C26	32A4F2C26	32S6F2H26	32A6F2H26	26	0.8125	0.875
32S4F2C28	32A4F2C28	32S6F2H28	32A6F2H28	28	0.8750	0.938
32S4F2C30	32A4F2C30	32S6F2H30	32A6F2H30	30	0.9375	1.000
32S4F2C32	32A4F2C32	32S6F2H32	32A6F2H32	32	1.0000	1.063
32S4F2C36	32A4F2C36	32S6F2H36	32A6F2H36	36	1.1250	1.188
32S4F2C40	32A4F2C40	32S6F2H40	32A6F2H40	40	1.2500	1.313
32S4CFC48	32A4F2C48	32S6F2H48	32A6F2H48	48	1.5000	1.563
32S4F2C56	32A4F2C56	32S6F2H56	32A6F2H56	56	1.7500	1.813
32S4F2C64	32A4F2C64	32S6F2H64	32A6F2H64	64	2.0000	2.063
32S4F2C72	32A4F2C72	32S6F2H72	32A6F2H72	72	2.2500	2.313
32S4F2C80	32A4F2C80	32S6F2H80	32A6F2H80	80	2.5000	2.563
32S4F2C88	32A4F2C88	32S6F2H88	32A6F2H88	88	2.7500	2.613
32S4F2C96	32A4F2C96	32S6F2H96	32A6F2H96	96	3.0000	3.063
32S4F2C112	32A4F2C112	32S6F2H112	32A6F2H112	112	3.5000	3.563
32S4F2C127	32A4F2C127	32S6F2H127	32A6F2H127	127	3.9688	4.031
32S4F2C128	32A4F2C128	32S6F2H128	32A6F2H128	128	4.0000	4.063
32S4F2C132	32A4F2C132	32S6F2H132	32A6F2H132	132	4.1250	4.188

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
 PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
 FOR SPECIAL GEARS ORDER AS FOLLOWS  
 FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST DASH NUMBER  
 FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
 FOR EXAMPLE 32S4F2C31-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-32 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Pin Hub — 3/16", 1/4" Bores



STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
+0.005/-0.000		1/4 BORE				
PIN HUB	PIN HUB	PIN HUB	PIN HUB			
32S3F2P14	32A3F2P14	32S4F2P14	32A4F2P14	14	0.4375	0.500
32S3F2P15	32A3F2P15	32S4F2P15	32A4F2P15	15	0.4688	0.531
32S3F2P16	32A3F2P16	32S4F2P16	32A4F2P16	16	0.5000	0.563
32S3F2P17	32A3F2P17	32S4F2P17	32A4F2P17	17	0.5313	0.594
32S3F2P18	32A3F2P18	32S4F2P18	32A4F2P18	18	0.5625	0.625
32S3F2P19	32A3F2P19	32S4F2P19	32A4F2P19	19	0.5938	0.656
32S3F2P20	32A3F2P20	32S4F2P20	32A4F2P20	20	0.6250	0.688
32S3F2P21	32A3F2P21	32S4F2P21	32A4F2P21	21	0.6563	0.719
32S3F2P22	32A3F2P22	32S4F2P22	32A4F2P22	22	0.6875	0.750
32S3F2P23	32A3F2P23	32S4F2P23	32A4F2P23	23	0.7188	0.781
32S3F2P24	32A3F2P24	32S4F2P24	32A4F2P24	24	0.7500	0.813
32S3F2P25	32A3F2P25	32S4F2P25	32A4F2P25	25	0.7813	0.844
32S3F2P28	32A3F2P28	32S4F2P28	32A4F2P28	28	0.8750	0.938
32S3F2P30	32A3F2P30	32S4F2P30	32A4F2P30	30	0.9375	1.000
32S3F2P32	32A3F2P32	32S4F2P32	32A4F2P32	32	1.0000	1.063
32S3F2P33	32A3F2P33	32S4F2P33	32A4F2P33	33	1.0313	1.094
32S3F2P36	32A3F2P36	32S4F2P36	32A4F2P36	36	1.1250	1.188
32S3F2P39	32A3F2P39	32S4F2P39	32A4F2P39	39	1.2188	1.281
32S3F2P40	32A3F2P40	32S4F2P40	32A4F2P40	40	1.2500	1.313
32S3F2P42	32A3F2P42	32S4F2P42	32A4F2P42	42	1.3125	1.375
32S3F2P45	32A3F2P45	32S4F2P45	32A4F2P45	45	1.4063	1.469
32S3F2P48	32A3F2P48	32S4F2P48	32A4F2P48	48	1.5000	1.563
32S3F2P51	32A3F2P51	32S4F2P51	32A4F2P51	51	1.5938	1.656
32S3F2P54	32A3F2P54	32S4F2P54	32A4F2P54	54	1.6875	1.750
32S3F2P56	32A3F2P56	32S4F2P56	32A4F2P56	56	1.7500	1.813
32S3F2P60	32A3F2P60	32S4F2P60	32A4F2P60	60	1.8750	1.938
32S3F2P63	32A3F2P63	32S4F2P63	32A4F2P63	63	1.9688	2.031
32S3F2P64	32A3F2P64	32S4F2P64	32A4F2P64	64	2.0000	2.063
32S3F2P66	32A3F2P66	32S4F2P66	32A4F2P66	66	2.0625	2.125
32S3F2P69	32A3F2P69	32S4F2P69	32A4F2P69	69	2.1563	2.219
32S3F2P72	32A3F2P72	32S4F2P72	32A4F2P72	72	2.2500	2.313
32S3F2P78	32A3F2P78	32S4F2P78	32A4F2P78	78	2.4375	2.500
32S3F2P80	32A3F2P80	32S4F2P80	32A4F2P80	80	2.5000	2.563
32S3F2P84	32A3F2P84	32S4F2P84	32A4F2P84	84	2.6250	2.688
32S3F2P90	32A3F2P90	32S4F2P90	32A4F2P90	90	2.8125	2.875
32S3F2P96	32A3F2P96	32S4F2P96	32A4F2P96	96	3.0000	3.063
32S3F2P99	32A3F2P99	32S4F2P99	32A4F2P99	99	3.0938	3.156
32S3F2P112	32A3F2P112	32S4F2P112	32A4F2P112	112	3.5000	3.563
32S3F2P125	32A3F2P125	32S4F2P125	32A4F2P125	125	3.9063	3.969
32S3F2P128	32A3F2P128	32S4F2P128	32A4F2P128	128	4.0000	4.063
32S3F2P130	32A3F2P130	32S4F2P130	32A4F2P130	130	4.0625	4.125
32S3F2P-132	32A3F2P-132	32S4F2P-132	32A4F2P-132	132	4.1250	4.188

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE

PLEASE CALL POWER DRIVE FOR MORE INFORMATION

FOR SPECIAL GEARS ORDER AS FOLLOWS

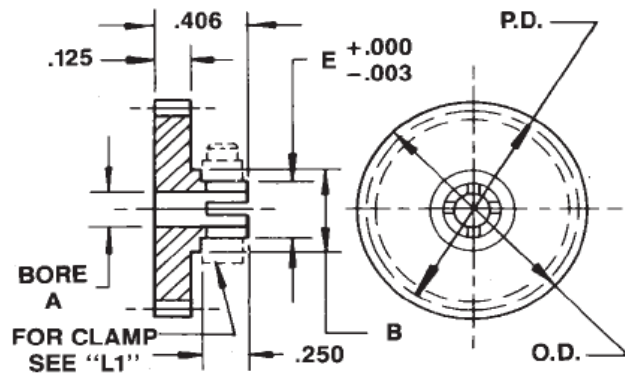
FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST DASH NUMBER

FOR EXAMPLE 32S4F2P31-2350

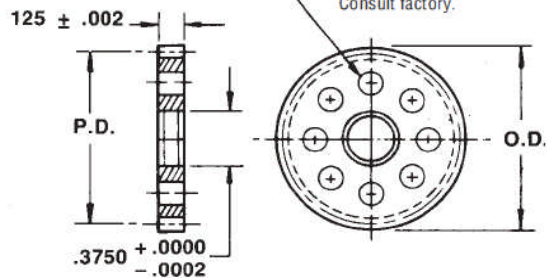
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-48 PITCH — 1/8" Face Width ■ 20° Pressure Angle

## SPLIT HUB



## HUBLESS



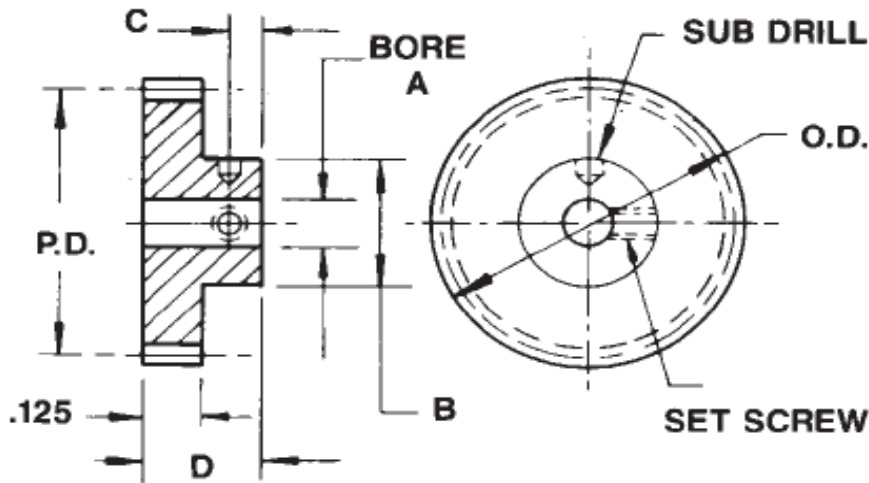
STAINLESS STEEL				ALUMINUM				NO. OF TEETH	P.D.	O.D.
PART NUMBER				PART NUMBER						
SPLIT HUB		HUBLESS		SPLIT HUB		HUBLESS				
A : .1248	A : .1873	A : .2498	A : .3748	A : .1248	A : .1873	A : .2498	A : .3748			
B : .250	B : .313	B : .375		B : .250	B : .313	B : .375				
E : .188	E : .250	A : .312		E : .188	E : .250	A : .312				
48S2F2C16	-	-	-	48A2F2C16	-	-	-	16	0.3333	0.375
48S2F2C17	-	-	-	48A2F2C17	-	-	-	17	0.3541	0.396
48S2F2C18	48S3F2C18	-	-	48A2F2C18	48A3F2C18	-	-	18	0.3750	0.417
48S2F2C19	48S3F2C19	-	-	48A2F2C19	48A3F2C19	-	-	19	0.3958	0.438
48S2F2C20	48S3F2C20	-	-	48A2F2C20	48A3F2C20	-	-	20	0.4166	0.458
48S2F2C21	48S3F2C21	48S4F2C21	-	48A2F2C21	48A3F2C21	48A4F2C21	-	21	0.4375	0.479
48S2F2C22	48S3F2C22	48S4F2C22	-	48A2F2C22	48A3F2C22	48A4F2C22	-	22	0.4583	0.500
48S2F2C23	48S3F2C23	48S4F2C23	-	48A2F2C23	48A3F2C23	48A4F2C23	-	23	0.4791	0.521
48S2F2C24	48S3F2C24	48S4F2C24	-	48A2F2C24	48A3F2C24	48A4F2C24	-	24	0.5000	0.542
48S2F2C25	48S3F2C25	48S4F2C25	-	48A2F2C25	48A3F2C25	48A4F2C25	-	25	0.5208	0.563
48S2F2C26	48S3F2C26	48S4F2C26	-	48A2F2C26	48A3F2C26	48A4F2C26	-	26	0.5416	0.583
48S2F2C27	48S3F2C27	48S4F2C27	-	48A2F2C27	48A3F2C27	48A4F2C27	-	27	0.5625	0.604
48S2F2C28	48S3F2C28	48S4F2C28	-	48A2F2C28	48A3F2C28	48A4F2C28	-	28	0.5833	0.625
48S2F2C29	48S3F2C29	48S4F2C29	48S6F2F29	48A2F2C29	48A3F2C29	48A4F2C29	48A6F2F29	29	0.6041	0.646
48S2F2C30	48S3F2C30	48S4F2C30	48S6F2F30	48A2F2C30	48A3F2C30	48A4F2C30	48A6F2F30	30	0.6250	0.667
48S2F2C32	48S3F2C32	48S4F2C32	48S6F2F32	48A2F2C32	48A3F2C32	48A4F2C32	48A6F2F32	32	0.6666	0.708
48S2F2C34	48S3F2C34	48S4F2C34	48S6F2F34	48A2F2C34	48A3F2C34	48A4F2C34	48A6F2F34	34	0.7083	0.750
48S2F2C36	48S3F2C36	48S4F2C36	48S6F2F36	48A2F2C36	48A3F2C36	48A4F2C36	48A6F2F36	36	0.7500	0.792
48S2F2C38	48S3F2C38	48S4F2C38	48S6F2F38	48A2F2C38	48A3F2C38	48A4F2C38	48A6F2F38	38	0.7916	0.833
48S2F2C40	48S3F2C40	48S4F2C40	48S6F2F40	48A2F2C40	48A3F2C40	48A4F2C40	48A6F2F40	40	0.8333	0.875
48S2F2C42	48S3F2C42	48S4F2C42	48S6F2F42	48A2F2C42	48A3F2C42	48A4F2C42	48A6F2F42	42	0.8750	0.917
48S2F2C44	48S3F2C44	48S4F2C44	48S6F2F44	48A2F2C44	48A3F2C44	48A4F2C44	48A6F2F44	44	0.9166	0.958
48S2F2C46	48S3F2C46	48S4F2C46	48S6F2F46	48A2F2C46	48A3F2C46	48A4F2C46	48A6F2F46	46	0.9583	1.000
48S2F2C48	48S3F2C48	48S4F2C48	48S6F2F48	48A2F2C48	48A3F2C48	48A4F2C48	48A6F2F48	48	1.0000	1.042
48S2F2C50	48S3F2C50	48S4F2C50	48S6F2F50	48A2F2C50	48A3F2C50	48A4F2C50	48A6F2F50	50	1.0416	1.083
48S2F2C55	48S3F2C55	48S4F2C55	48S6F2F55	48A2F2C55	48A3F2C55	48A4F2C55	48A6F2F55	55	1.1458	1.188
48S2F2C56	48S3F2C56	48S4F2C56	48S6F2F56	48A2F2C56	48A3F2C56	48A4F2C56	48A6F2F56	56	1.1666	1.208
48S2F2C60	48S3F2C60	48S4F2C60	48S6F2F60	48A2F2C60	48A3F2C60	48A4F2C60	48A6F2F60	60	1.2500	1.292
48S2F2C66	48S3F2C66	48S4F2C66	48S6F2F66	48A2F2C66	48A3F2C66	48A4F2C66	48A6F2F66	66	1.3750	1.417
48S2F2C72	48S3F2C72	48S4F2C72	48S6F2F72	48A2F2C72	48A3F2C72	48A4F2C72	48A6F2F72	72	1.5000	1.542
48S2F2C78	48S3F2C78	48S4F2C78	48S6F2F78	48A2F2C78	48A3F2C78	48A4F2C78	48A6F2F78	78	1.6250	1.667
48S2F2C84	48S3F2C84	48S4F2C84	48S6F2F84	48A2F2C84	48A3F2C84	48A4F2C84	48A6F2F84	84	1.7500	1.792
48S2F2C90	48S3F2C90	48S4F2C90	48S6F2F90	48A2F2C90	48A3F2C90	48A4F2C90	48A6F2F90	90	1.8750	1.917
48S2F2C96	48S3F2C96	48S4F2C96	48S6F2F96	48A2F2C96	48A3F2C96	48A4F2C96	48A6F2F96	96	2.0000	2.042
48S2F2C102	48S3F2C102	48S4F2C102	48S6F2F102	48A2F2C102	48A3F2C102	48A4F2C102	48A6F2F102	102	2.1250	2.167
48S2F2C108	48S3F2C108	48S4F2C108	48S6F2F108	48A2F2C108	48A3F2C108	48A4F2C108	48A6F2F108	108	2.2500	2.292
48S2F2C114	48S3F2C114	48S4F2C114	48S6F2F114	48A2F2C114	48A3F2C114	48A4F2C114	48A6F2F114	114	2.3750	2.417
48S2F2C120	48S3F2C120	48S4F2C120	48S6F2F120	48A2F2C120	48A3F2C120	48A4F2C120	48A6F2F120	120	2.5000	2.542
48S2F2C127	48S3F2C127	48S4F2C127	48S6F2F127	48A2F2C127	48A3F2C127	48A4F2C127	48A6F2F127	127	2.6458	2.688
48S2F2C132	48S3F2C132	48S4F2C132	48S6F2F132	48A2F2C132	48A3F2C132	48A4F2C132	48A6F2F132	132	2.7500	2.792
48S2F2C144	48S3F2C144	48S4F2C144	48S6F2F144	48A2F2C144	48A3F2C144	48A4F2C144	48A6F2F144	144	3.0000	3.042
48S2F2C156	48S3F2C156	48S4F2C156	48S6F2F156	48A2F2C156	48A3F2C156	48A4F2C156	48A6F2F156	156	3.2500	3.292
48S2F2C168	48S3F2C168	48S4F2C168	48S6F2F168	48A2F2C168	48A3F2C168	48A4F2C168	48A6F2F168	168	3.5000	3.542
48S2F2C180	48S3F2C180	48S4F2C180	48S6F2F180	48A2F2C180	48A3F2C180	48A4F2C180	48A6F2F180	180	3.7500	3.792

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
 PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
 FOR SPECIAL GEARS ORDER AS FOLLOWS  
 FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST DASH NUMBER  
 FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
 FOR EXAMPLE 48S4C-31-.315

PDC, INC. TEL: 631-393-6767, 6768 FAX: 631-393-6769

# SPUR GEAR-64 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Pin Hub — 1/8", 3/16", 1/4" Bores



FOR A=1/8	B=.312	C=.09	D =.312	#2-56 SET SCREW
FOR A=3/16	B=.375	C=.11	D =.343	#4-40 SET SCREW
FOR A=1/4	B=.500	C=.12	D =.375	#6-32 SET SCREW

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1248 BORE	+.0005/-0.0000	.1873 BORE	+.0005/-0.0000	.24988 BORE	+.0005/-0.0000			
64S2F2P36	64A2F2P36	64S3F2P36	64A3F2P36	64S4F2P36	64A4F2P36	36	0.5625	0.594
64S2F2P38	64A2F2P38	64S3F2P38	64A3F2P38	64S4F2P38	64A4F2P38	38	0.5937	0.625
64S2F2P40	64A2F2P40	64S3F2P40	64A3F2P40	64S4F2P40	64A4F2P40	40	0.6250	0.656
64S2F2P46	64A2F2P46	64S3F2P46	64A3F2P46	64S4F2P46	64A4F2P46	46	0.7187	0.750
64S2F2P48	64A2F2P48	64S3F2P48	64A3F2P48	64S4F2P48	64A4F2P48	48	0.7500	0.781
64S2F2P50	64A2F2P50	64S3F2P50	64A3F2P50	64S4F2P50	64A4F2P50	50	0.7812	0.813
64S2F2P56	64A2F2P56	64S3F2P56	64A3F2P56	64S4F2P56	64A4F2P56	56	0.8750	0.906
64S2F2P64	64A2F2P64	64S3F2P64	64A3F2P64	64S4F2P64	64A4F2P64	64	1.0000	1.031
64S2F2P70	64A2F2P70	64S3F2P70	64A3F2P70	64S4F2P70	64A4F2P70	70	1.0937	1.125
64S2F2P72	64A2F2P72	64S3F2P72	64A3F2P72	64S4F2P72	64A4F2P72	72	1.1250	1.156
64S2F2P75	64A2F2P75	64S3F2P75	64A3F2P75	64S4F2P75	64A4F2P75	75	1.1718	1.203
64S2F2P80	64A2F2P80	64S3F2P80	64A3F2P80	64S4F2P80	64A4F2P80	80	1.2500	1.281
64S2F2P88	64A2F2P88	64S3F2P88	64A3F2P88	64S4F2P88	64A4F2P88	88	1.3750	1.406
64S2F2P90	64A2F2P90	64S3F2P90	64A3F2P90	64S4F2P90	64A4F2P90	90	1.4062	1.438
64S2F2P95	64A2F2P95	64S3F2P95	64A3F2P95	64S4F2P95	64A4F2P95	95	1.4843	1.516
64S2F2P96	64A2F2P96	64S3F2P96	64A3F2P96	64S4F2P96	64A4F2P96	96	1.5000	1.531
64S2F2P100	64A2F2P100	64S3F2P100	64A3F2P100	64S4F2P100	64A4F2P100	100	1.5625	1.594
64S2F2P120	64A2F2P120	64S3F2P120	64A3F2P120	64S4F2P120	64A4F2P120	120	1.8750	1.906

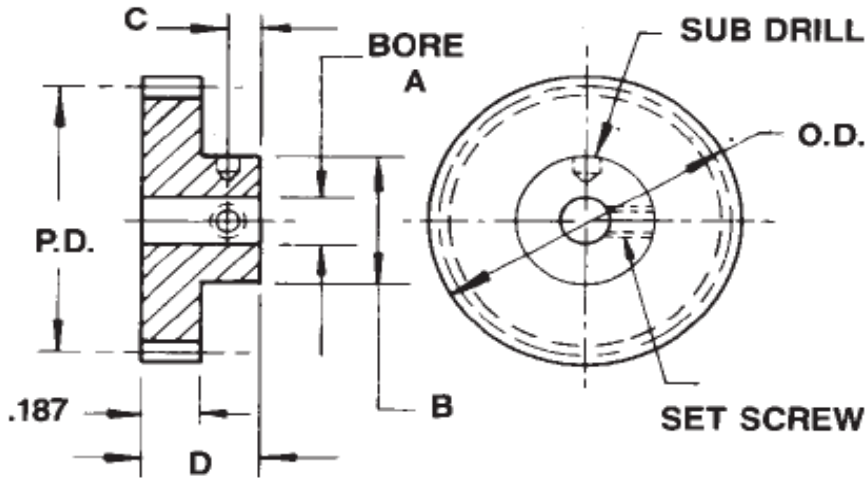
OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE 64S4F2P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-64 PITCH — $\frac{3}{16}$ " Face Width ■ 20° Pressure Angle

Pin Hub —  $\frac{3}{16}$ ",  $\frac{1}{4}$ " Bores



FOR A= $\frac{3}{16}$	B=.375	C=.1	D =.343	#4-40 SET SCREW
FOR A= $\frac{1}{4}$	B=.500	C=.1	D =.375	#6-32 SET SCREW

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1873 BORE +.0005/- .0000		.24988 BORE +.0005/- .0000				
64S3F3P36	64A3F3P36	64S4F3P36	64A4F3P36	36	0.5625	0.594
64S3F3P38	64A3F3P38	64S4F3P38	64A4F3P38	38	0.5937	0.625
64S3F3P40	64A3F3P40	64S4F3P40	64A4F3P40	40	0.6250	0.656
64S3F3P46	64A3F3P46	64S4F3P46	64A4F3P46	46	0.7187	0.750
64S3F3P48	64A3F3P48	64S4F3P48	64A4F3P48	48	0.7500	0.781
64S3F3P50	64A3F3P50	64S4F3P50	64A4F3P50	50	0.7812	0.813
64S3F3P56	64A3F3P56	64S4F3P56	64A4F3P56	56	0.8750	0.906
64S3F3P64	64A3F3P64	64S4F3P64	64A4F3P64	64	1.0000	1.031
64S3F3P70	64A3F3P70	64S4F3P70	64A4F3P70	70	1.0937	1.125
64S3F3P72	64A3F3P72	64S4F3P72	64A4F3P72	72	1.1250	1.156
64S3F3P75	64A3F3P75	64S4F3P75	64A4F3P75	75	1.1718	1.203
64S3F3P80	64A3F3P80	64S4F3P80	64A4F3P80	80	1.2500	1.281
64S3F3P88	64A3F3P88	64S4F3P88	64A4F3P88	88	1.3750	1.406
64S3F3P90	64A3F3P90	64S4F3P90	64A4F3P90	90	1.4062	1.438
64S3F3P95	64A3F3P95	64S4F3P95	64A4F3P95	95	1.4843	1.516
64S3F3P96	64A3F3P96	64S4F3P96	64A4F3P96	96	1.5000	1.531
64S3F3P100	64A3F3P100	64S4F3P100	64A4F3P100	100	1.5625	1.594
64S3F3P120	64A3F3P120	64S4F3P120	64A4F3P120	120	1.8750	1.906

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS

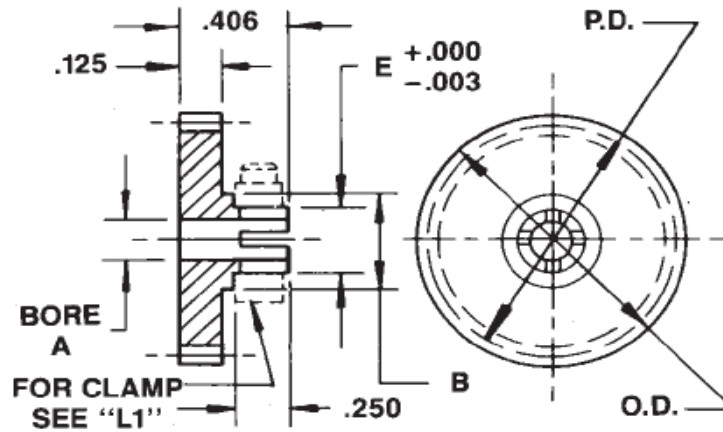
FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE 64S4F2P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-64 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Split Hub — 1/8", 3/16", 1/4" Bores ■ Hubless 3/8" Bore

## SPLIT HUB



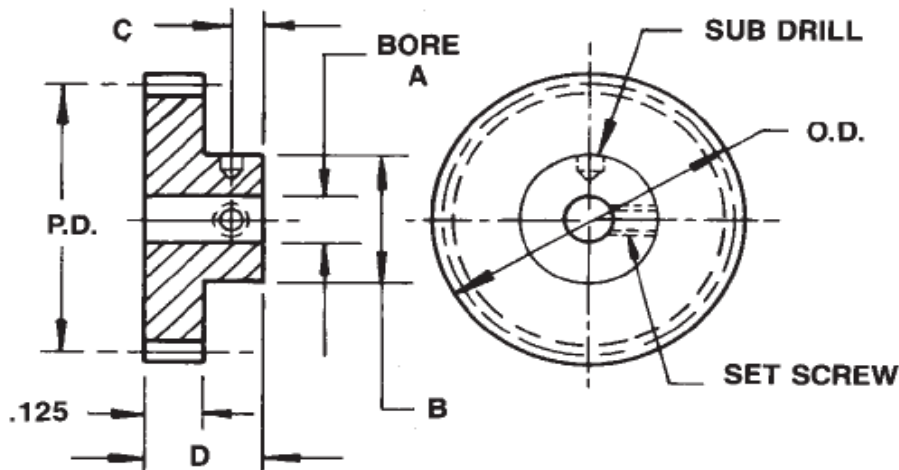
STAINLESS STEEL				ALUMINUM				NO. OF TEETH	P.D.	O.D.
PART NUMBER		HUBLESS		PART NUMBER		HUBLESS				
SPLIT HUB		HUBLESS		SPLIT HUB		HUBLESS				
A : .1248	A : .1873	A : .2498	A : .3748	A : .1248	A : .1873	A : .2498	A : .3748			
B : .250	B : .313	B : .375		B : .250	B : .313	B : .375				
E : .188	E : .250	A : .312		E : .188	E : .250	A : .312				
64S2F2C19	-	-	-	64A2F2C19	-	-	-	19	0.2969	0.328
64S2F2C20	-	-	-	64A2F2C20	-	-	-	20	0.3125	0.344
64S2F2C21	-	-	-	64A2F2C21	-	-	-	21	0.3281	0.359
64S2F2C22	-	64S4F2C22	-	64A2F2C22	-	64A4F2C22	-	22	0.3437	0.375
64S2F2C23	64S3F2C23	64S4F2C23	-	64A2F2C23	64A3F2C23	64A4F2C23	-	23	0.3583	0.391
64S2F2C24	64S3F2C24	64S4F2C24	-	64A2F2C24	64A3F2C24	64A4F2C24	-	24	0.3750	0.406
64S2F2C25	64S3F2C25	64S4F2C25	-	64A2F2C25	64A3F2C25	64A4F2C25	-	25	0.3906	0.422
64S2F2C26	64S3F2C26	64S4F2C26	-	64A2F2C26	64A3F2C26	64A4F2C26	-	26	0.4062	0.438
64S2F2C27	64S3F2C27	64S4F2C27	-	64A2F2C27	64A3F2C27	64A4F2C27	-	27	0.4218	0.453
64S2F2C28	64S3F2C28	64S4F2C28	-	64A2F2C28	64A3F2C28	64A4F2C28	-	28	0.4375	0.469
64S2F2C29	64S3F2C29	64S4F2C29	-	64A2F2C29	64A3F2C29	64A4F2C29	-	29	0.4531	0.484
64S2F2C30	64S3F2C30	64S4F2C30	-	64A2F2C30	64A3F2C30	64A4F2C30	-	30	0.4687	0.500
64S2F2C32	64S3F2C32	64S4F2C32	-	64A2F2C32	64A3F2C32	64A4F2C32	-	32	0.5000	0.531
64S2F2C34	64S3F2C34	64S4F2C34	-	64A2F2C34	64A3F2C34	64A4F2C34	-	34	0.5312	0.563
64S2F2C36	64S3F2C36	64S4F2C36	-	64A2F2C36	64A3F2C36	64A4F2C36	-	36	0.5625	0.594
64S2F2C38	64S3F2C38	64S4F2C38	64S6F2F38	64A2F2C38	64A3F2C38	64A4F2C38	64A6F2F38	38	0.5937	0.625
64S2F2C40	64S3F2C40	64S4F2C40	64S6F2F40	64A2F2C40	64A3F2C40	64A4F2C40	64A6F2F40	40	0.6250	0.656
64S2F2C42	64S3F2C42	64S4F2C42	64S6F2F42	64A2F2C42	64A3F2C42	64A4F2C42	64A6F2F42	42	0.6562	0.688
64S2F2C44	64S3F2C44	64S4F2C44	64S6F2F44	64A2F2C44	64A3F2C44	64A4F2C44	64A6F2F44	44	0.6875	0.719
64S2F2C46	64S3F2C46	64S4F2C46	64S6F2F46	64A2F2C46	64A3F2C46	64A4F2C46	64A6F2F46	46	0.7187	0.750
64S2F2C48	64S3F2C48	64S4F2C48	64S6F2F48	64A2F2C48	64A3F2C48	64A4F2C48	64A6F2F48	48	0.7500	0.781
64S2F2C50	64S3F2C50	64S4F2C50	64S6F2F50	64A2F2C50	64A3F2C50	64A4F2C50	64A6F2F50	50	0.7812	0.813
64S2F2C55	64S3F2C55	64S4F2C55	64S6F2F55	64A2F2C55	64A3F2C55	64A4F2C55	64A6F2F55	55	0.8593	0.891
64S2F2C56	64S3F2C56	64S4F2C56	64S6F2F56	64A2F2C56	64A3F2C56	64A4F2C56	64A6F2F56	56	0.8750	0.906
64S2F2C60	64S3F2C60	64S4F2C60	64S6F2F60	64A2F2C60	64A3F2C60	64A4F2C60	64A6F2F60	60	0.9375	0.969
64S2F2C64	64S3F2C64	64S4F2C64	64S6F2F64	64A2F2C64	64A3F2C64	64A4F2C64	64A6F2F64	64	1.0000	1.031
64S2F2C72	64S3F2C72	64S4F2C72	64S6F2F72	64A2F2C72	64A3F2C72	64A4F2C72	64A6F2F72	72	1.1250	1.156
64S2F2C80	64S3F2C80	64S4F2C80	64S6F2F80	64A2F2C80	64A3F2C80	64A4F2C80	64A6F2F80	80	1.2500	1.281
64S2F2C88	64S3F2C88	64S4F2C88	64S6F2F88	64A2F2C88	64A3F2C88	64A4F2C88	64A6F2F88	88	1.3750	1.406
64S2F2C96	64S3F2C96	64S4F2C96	64S6F2F96	64A2F2C96	64A3F2C96	64A4F2C96	64A6F2F96	96	1.5000	1.531
64S2F2C104	64S3F2C104	64S4F2C104	64S6F2F104	64A2F2C104	64A3F2C104	64A4F2C104	64A6F2F104	104	1.6250	1.656
64S2F2C112	64S3F2C112	64S4F2C112	64S6F2F112	64A2F2C112	64A3F2C112	64A4F2C112	64A6F2F112	112	1.7500	1.781
64S2F2C120	64S3F2C120	64S4F2C120	64S6F2F120	64A2F2C120	64A3F2C120	64A4F2C120	64A6F2F120	120	1.8750	1.906
-	-	64S4F2C127	64S6F2F127	-	-	64A4F2C127	64A6F2F127	127	1.9843	2.016
-	-	64S4F2C128	64S6F2F128	-	-	64A4F2C128	64A6F2F128	128	2.0000	2.031
-	-	64S4F2C136	64S6F2F136	-	-	64A4F2C136	64A6F2F136	136	2.1250	2.156
-	-	64S4F2C144	64S6F2F144	-	-	64A4F2C144	64A6F2F144	144	2.2500	2.281
-	-	64S4F2C160	64S6F2F160	-	-	64A4F2C160	64A6F2F160	160	2.5000	2.531
-	-	64S4F2C176	64S6F2F176	-	-	64A4F2C176	64A6F2F176	176	2.7500	2.781
-	-	64S4F2C192	64S6F2F192	-	-	64A4F2C192	64A6F2F192	192	3.0000	3.031
-	-	64S4F2C208	64S6F2F208	-	-	64A4F2C208	64A6F2F208	208	3.2500	3.281
-	-	64S4F2C224	64S6F2F224	-	-	64A4F2C224	64A6F2F224	224	3.5000	3.531
-	-	64S4F2C240	64S6F2F240	-	-	64A4F2C240	64A6F2F240	240	3.7500	3.781

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
 PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
 FOR SPECIAL GEARS ORDER AS FOLLOWS  
 FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBERS  
 FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
 FOR EXAMPLE 64S4F2C-31-.315

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# SPUR GEAR-72 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Pin Hub — 1/8", 3/16" Bores



FOR A=1/8	B=.312	C=.09	D =.312	#2-56 SET SCREW
FOR A=3/16	B=.375	C=.11	D =.343	#4-40 SET SCREW

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1248 BORE +.0005/-0.0000		.1873 BORE +.0005/-0.0000				
72S2F2P40	72A2F2P40	72S3F2P40	72A3F2P40	40	0.5555	0.583
72S2F2P42	72A2F2P42	72S3F2P42	72A3F2P42	42	0.5833	0.611
72S2F2P45	72A2F2P45	72S3F2P45	72A3F2P45	45	0.6250	0.653
72S2F2P50	72A2F2P50	72S3F2P50	72A3F2P50	50	0.6944	0.722
72S2F2P60	72A2F2P60	72S3F2P60	72A3F2P60	60	0.8333	0.861
72S2F2P63	72A2F2P63	72S3F2P63	72A3F2P63	63	0.8750	0.903
72S2F2P72	72A2F2P72	72S3F2P72	72A3F2P72	72	1.0000	1.028
72S2F2P81	72A2F2P81	72S3F2P81	72A3F2P81	81	1.1250	1.153
72S2F2P90	72A2F2P90	72S3F2P90	72A3F2P90	90	1.2500	1.278
72S2F2P96	72A2F2P96	72S3F2P96	72A3F2P96	96	1.3333	1.361
72S2F2P99	72A2F2P99	72S3F2P99	72A3F2P99	99	1.3888	1.403
72S2F2P108	72A2F2P108	72S3F2P108	72A3F2P108	108	1.5000	1.528
72S2F2P120	72A2F2P120	72S3F2P120	72A3F2P120	120	1.6666	1.694
72S2F2P126	72A2F2P126	72S3F2P126	72A3F2P126	126	1.7499	1.778
72S2F2P130	72A2F2P130	72S3F2P130	72A3F2P130	130	1.8055	1.833
72S2F2P140	72A2F2P140	72S3F2P140	72A3F2P140	140	1.9444	1.972
72S2F2P144	72A2F2P144	72S3F2P144	72A3F2P144	144	2.0000	2.028
72S2F2P162	72A2F2P162	72S3F2P162	72A3F2P162	162	2.2499	2.278
72S2F2P180	72A2F2P180	72S3F2P180	72A3F2P180	180	2.5000	2.528
72S2F2P198	72A2F2P198	72S3F2P198	72A3F2P198	198	2.7499	2.778
72S2F2P216	72A2F2P216	72S3F2P216	72A3F2P216	216	3.0000	3.028

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER

PLEASE CALL POWER DRIVE FOR MORE INFORMATION

FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER

FOR SPECIAL GEARS ORDER AS FOLLOWS

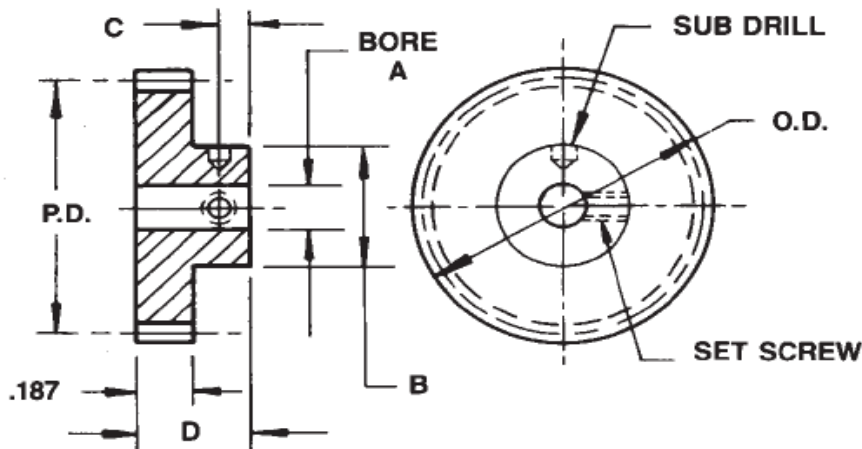
FOR EXAMPLE 72S2F2P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# SPUR GEAR-72 PITCH — $\frac{3}{16}$ " Face Width ■ 20° Pressure Angle

Pin Hub —  $\frac{3}{16}$ ",  $\frac{1}{4}$ " Bores



FOR A= $\frac{3}{16}$	B=.375	C=.1	D=.406	#4-40 SET SCREW
FOR A= $\frac{1}{4}$	B=.500	C=.1	D=.437	#6-32 SET SCREW

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1873 BORE	+ .0005/- .0000	.2498 BORE	+ .0005/- .0000			
72S3F3P40	72A3F3P40	72S4F3P40	72A4F3P40	40	0.5555	0.583
72S3F3P42	72A3F3P42	72S4F3P42	72A4F3P42	42	0.5833	0.611
72S3F3P45	72A3F3P45	72S4F3P45	72A4F3P45	45	0.6250	0.653
72S3F3P50	72A3F3P50	72S4F3P50	72A4F3P50	50	0.6944	0.722
72S3F3P60	72A3F3P60	72S4F3P60	72A4F3P60	60	0.8333	0.861
72S3F3P63	72A3F3P63	72S4F3P63	72A4F3P63	63	0.8750	0.903
72S3F3P72	72A3F3P72	72S4F3P72	72A4F3P72	72	1.0000	1.028
72S3F3P81	72A3F3P81	72S4F3P81	72A4F3P81	81	1.1250	1.153
72S3F3P90	72A3F3P90	72S4F3P90	72A4F3P90	90	1.2500	1.278
72S3F3P96	72A3F3P96	72S4F3P96	72A4F3P96	96	1.3333	1.361
72S3F3P99	72A3F3P99	72S4F3P99	72A4F3P99	99	1.3888	1.403
72S3F3P108	72A3F3P108	72S4F3P108	72A4F3P108	108	1.5000	1.528
72S3F3P120	72A3F3P120	72S4F3P120	72A4F3P120	120	1.6666	1.694
72S3F3P126	72A3F3P126	72S4F3P126	72A4F3P126	126	1.7499	1.778
72S3F3P130	72A3F3P130	72S4F3P130	72A4F3P130	130	1.8055	1.833
72S3F3P140	72A3F3P140	72S4F3P140	72A4F3P140	140	1.9444	1.972
72S3F3P144	72A3F3P144	72S4F3P144	72A4F3P144	144	2.0000	2.028
72S3F3P162	72A3F3P162	72S4F3P162	72A4F3P162	162	2.2499	2.278
72S3F3P180	72A3F3P180	72S4F3P180	72A4F3P180	180	2.5000	2.528
72S3F3P198	72A3F3P198	72S4F3P198	72A4F3P198	198	2.7499	2.778
72S3F3P216	72A3F3P216	72S4F3P216	72A4F3P216	216	3.0000	3.028

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER

PLEASE CALL POWER DRIVE FOR MORE INFORMATION

FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER

FOR SPECIAL GEARS ORDER AS FOLLOWS

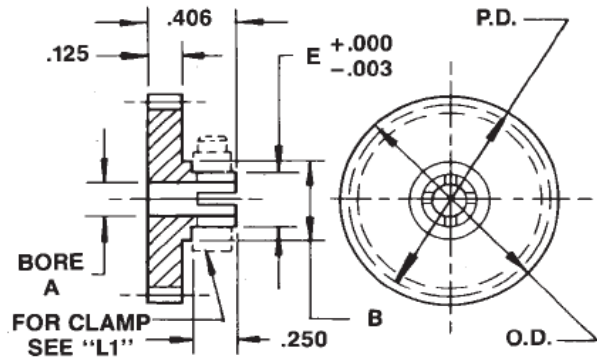
FOR EXAMPLE 72S4F3P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-72 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Split Hub — 3/16", 1/4" Bores ■ Hubless 3/8" Bore

## SPLIT HUB



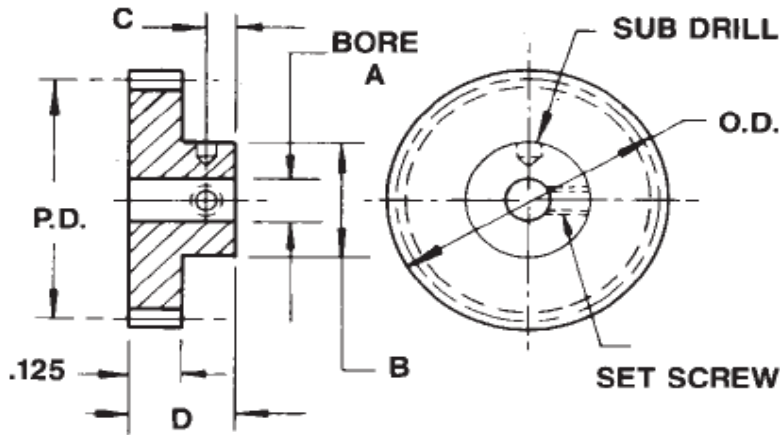
STAINLESS STEEL			ALUMINUM			NO. OF TEETH	P.D.	O.D.
PART NUMBER		HUBLESS	PART NUMBER		HUBLESS			
SPLIT HUB			SPLIT HUB					
A : .1873 B : .313 E : .250	A : .2498 B : .375 A : .312	A : .3748	A : .1873 B : .313 E : .250	A : .2498 B : .375 A : .312	A : .3748			
72S3F2C29	-	-	72A3F2C29	-	-	29	0.4027	0.431
72S3F2C30	-	-	72A3F2C30	-	-	30	0.4166	0.444
72S3F2C32	-	-	72A3F2C32	-	-	32	0.4444	0.472
72S3F2C34	-	-	72A3F2C34	-	-	34	0.4722	0.500
72S3F2C36	72S4F2C36	-	72A3F2C36	72A4F2C36	-	36	0.5000	0.528
72S3F2C40	72S4F2C40	-	72A3F2C40	72A4F2C40	-	40	0.5555	0.583
72S3F2C42	72S4F2C42	-	72A3F2C42	72A4F2C42	-	42	0.5633	0.611
72S3F2C45	72S4F2C45	-	72A3F2C45	72A4F2C45	-	45	0.6250	0.653
72S3F2C54	72S4F2C54	72S6F2F54	72A3F2C54	72A4F2C54	72A6F2F54	54	0.7500	0.778
72S3F2C63	72S4F2C63	72S6F2F63	72A3F2C63	72A4F2C63	72A6F2F63	63	0.875	0.903
72S3F2C72	72S4F2C72	72S6F2F72	72A3F2C72	72A4F2C72	72A6F2F72	72	1.0000	1.028
72S3F2C81	72S4F2C81	72S6F2F81	72A3F2C81	72A4F2C81	72A6F2F81	81	1.1250	1.153
72S3F2C90	72S4F2C90	72S6F2F90	72A3F2C90	72A4F2C90	72A6F2F90	90	1.2500	1.278
72S3F2C99	72S4F2C99	72S6F2F99	72A3F2C99	72A4F2C99	72A6F2F99	99	1.3750	1.403
72S3F2C108	72S4F2C108	72S6F2F108	72A3F2C108	72A4F2C108	72A6F2F108	108	1.5000	1.528
72S3F2C117	72S4F2C117	72S6F2F117	72A3F2C117	72A4F2C117	72A6F2F117	117	1.6249	1.653
72S3F2C126	72S4F2C126	72S6F2F126	72A3F2C126	72A4F2C126	72A6F2F126	126	1.7499	1.778
72S3F2C127	72S4F2C127	72S6F2F127	72A3F2C127	72A4F2C127	72A6F2F127	127	1.7683	1.792
72S3F2C135	72S4F2C135	72S6F2F135	72A3F2C135	72A4F2C135	72A6F2F135	135	1.8749	1.903
72S3F2C144	72S4F2C144	72S6F2F144	72A3F2C144	72A4F2C144	72A6F2F144	144	2.0000	2.028
72S3F2C153	72S4F2C153	72S6F2F153	72A3F2C153	72A4F2C153	72A6F2F153	153	2.1249	2.153
72S3F2C162	72S4F2C162	72S6F2F162	72A3F2C162	72A4F2C162	72A6F2F162	162	2.2499	2.278
72S3F2C171	72S4F2C171	72S6F2F171	72A3F2C171	72A4F2C171	72A6F2F171	171	2.3749	2.403
72S3F2C180	72S4F2C180	72S6F2F180	72A3F2C180	72A4F2C180	72A6F2F180	180	2.5000	2.528
72S3F2C189	72S4F2C189	72S6F2F189	72A3F2C189	72A4F2C189	72A6F2F189	189	2.6249	2.653
72S3F2C198	72S4F2C198	72S6F2F198	72A3F2C198	72A4F2C198	72A6F2F198	198	2.7499	2.778
72S3F2C207	72S4F2C207	72S6F2F207	72A3F2C207	72A4F2C207	72A6F2F207	207	2.8750	2.903
72S3F2C216	72S4F2C216	72S6F2F216	72A3F2C216	72A4F2C216	72A6F2F216	216	3.0000	3.029
72S3F2C234	72S4F2C234	72S6F2F234	72A3F2C234	72A4F2C234	72A6F2F234	234	3.2500	3.278
72S3F2C252	72S4F2C252	72S6F2F252	72A3F2C252	72A4F2C252	72A6F2F252	252	3.5000	3.528
72S3F2C270	72S4F2C270	72S6F2F270	72A3F2C270	72A4F2C270	72A6F2F270	270	3.7500	3.778
72S3F2C288	72S4F2C288	72S6F2F288	72A3F2C288	72A4F2C288	72A6F2F288	288	4.0000	4.026
72S3F2C297	72S4F2C297	72S6F2F297	72A3F2C297	72A4F2C297	72A6F2F297	297	4.1250	4.153

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
 PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
 FOR SPECIAL GEARS ORDER AS FOLLOWS  
 FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBERS  
 FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
 FOR EXAMPLE 72S4F2C-31-.315

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-80 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Pin Hub — 1/8", 3/16", 1/4" Bores



FOR A=1/8	B=.312	C=.09	D =.312	#2-56 SET SCREW
FOR A=3/16	B=.375	C=.11	D =.343	#4-40 SET SCREW
FOR A=1/4	B=.500	C=.12	D =.375	#6-32 SET SCREW

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1248 BORE	+.0005/-0.0000	.1873 BORE	+.0005/-0.0000	.24988 BORE	+.0005/-0.0000			
80S2F2P40	80A2F2P40	80S3F2P40	80A3F2P40	80S4F2P40	80A4F2P40	40	0.5000	0.525
80S2F2P42	80A2F2P42	80S3F2P42	80A3F2P42	80S4F2P42	80A4F2P42	42	0.5250	0.550
80S2F2P45	80A2F2P45	80S3F2P45	80A3F2P45	80S4F2P45	80A4F2P45	45	0.5625	0.588
80S2F2P50	80A2F2P50	80S3F2P50	80A3F2P50	80S4F2P50	80A4F2P50	50	0.6250	0.650
80S2F2P55	80A2F2P55	80S3F2P55	80A3F2P55	80S4F2P55	80A4F2P55	55	0.6875	0.713
80S2F2P60	80A2F2P60	80S3F2P60	80A3F2P60	80S4F2P60	80A4F2P60	60	0.7500	0.775
80S2F2P65	80A2F2P65	80S3F2P65	80A3F2P65	80S4F2P65	80A4F2P65	65	0.8125	0.838
80S2F2P70	80A2F2P70	80S3F2P70	80A3F2P70	80S4F2P70	80A4F2P70	70	0.8750	0.900
80S2F2P75	80A2F2P75	80S3F2P75	80A3F2P75	80S4F2P75	80A4F2P75	75	0.9375	0.963
80S2F2P80	80A2F2P80	80S3F2P80	80A3F2P80	80S4F2P80	80A4F2P80	80	1.0000	1.025
80S2F2P85	80A2F2P85	80S3F2P85	80A3F2P85	80S4F2P85	80A4F2P85	85	1.0625	1.088
80S2F2P90	80A2F2P90	80S3F2P90	80A3F2P90	80S4F2P90	80A4F2P90	90	1.1250	1.150
80S2F2P100	80A2F2P100	80S3F2P100	80A3F2P100	80S4F2P100	80A4F2P100	100	1.2500	1.275
80S2F2P110	80A2F2P110	80S3F2P110	80A3F2P110	80S4F2P110	80A4F2P110	110	1.3750	1.400
80S2F2P120	80A2F2P120	80S3F2P120	80A3F2P120	80S4F2P120	80A4F2P120	120	1.5000	1.525
80S2F2P127	80A2F2P127	80S3F2P127	80A3F2P127	80S4F2P127	80A4F2P127	127	1.5675	1.613
80S2F2P130	80A2F2P130	80S3F2P130	80A3F2P130	80S4F2P130	80A4F2P130	130	1.6250	1.650
80S2F2P140	80A2F2P140	80S3F2P140	80A3F2P140	80S4F2P140	80A4F2P140	140	1.7500	1.775

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS

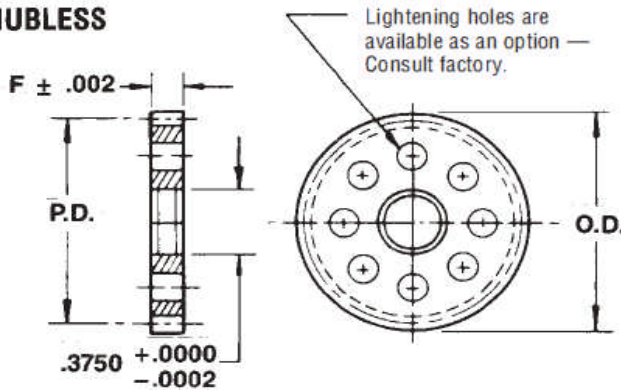
FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE 80S4F2P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-80 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Hubless 3/8" Bore

HUBLESS



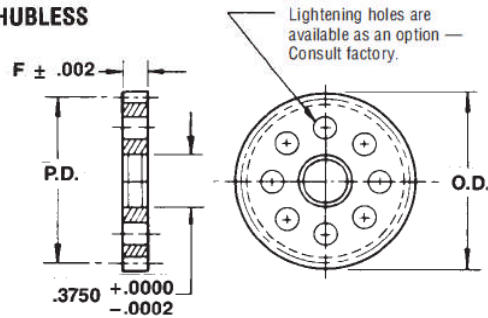
OTHER BORE SIZE AND NUMBER OF OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS  
FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE 80S6F2F50-.2350

STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
F=.125	F=.125			
80S6F2F50	80A6F2F50	50	0.6250	0.650
80S6F2F55	80A6F2F55	55	0.6875	0.713
80S6F2F60	80A6F2F60	60	0.7500	0.775
80S6F2F65	80A6F2F65	65	0.8125	0.838
80S6F2F70	80A6F2F70	70	0.8750	0.900
80S6F2F75	80A6F2F75	75	0.9375	0.963
80S6F2F80	80A6F2F80	80	1.0000	1.025
80S6F2F85	80A6F2F85	85	1.0625	1.088
80S6F2F90	80A6F2F90	90	1.1250	1.150
80S6F2F100	80A6F2F100	100	1.2500	1.275
80S6F2F110	80A6F2F110	110	1.3750	1.400
80S6F2F120	80A6F2F120	120	1.5000	1.525
80S6F2F127	80A6F2F127	127	1.5675	1.613
80S6F2F130	80A6F2F130	130	1.6250	1.650
80S6F2F140	80A6F2F140	140	1.7500	1.775
80S6F2F150	80A6F2F150	150	1.8750	1.900
80S6F2F160	80A6F2F160	160	2.0000	2.025
80S6F2F170	80A6F2F170	170	2.1250	2.150
80S6F2F180	80A6F2F180	180	2.2500	2.275
80S6F2F190	80A6F2F190	190	2.3750	2.400
80S6F2F200	80A6F2F200	200	2.5000	2.525
80S6F2F220	80A6F2F220	220	2.7500	2.775

# SPUR GEAR-96 PITCH — 1/16", 1/8" Face Width ■ 20° Pressure Angle

STAINLESS HUBLESS	ALUMINUM	STAINLESS HUBLESS	ALUMINUM	NO. OF TEETH	P.D.	O.D.
F=.063	F=.063	F=.125	F=.125			
96S6F1F58	96A6F1F58	96S6F2F58	96A6F2F58	58	0.6041	0.625
96S6F1F59	96A6F1F59	96S6F2F59	96A6F2F59	59	0.6145	0.635
96S6F1F60	96A6F1F60	96S6F2F60	96A6F2F60	60	0.6250	0.646
96S6F1F61	96A6F1F61	96S6F2F61	96A6F2F61	61	0.6354	0.656
96S6F1F65	96A6F1F65	96S6F2F65	96A6F2F65	65	0.6770	0.696
96S6F1F66	96A6F1F66	96S6F2F66	96A6F2F66	66	0.6875	0.708
96S6F1F72	96A6F1F72	96S6F2F72	96A6F2F72	72	0.7500	0.771
96S6F1F84	96A6F1F84	96S6F2F84	96A6F2F84	84	0.8750	0.896
96S6F1F96	96A6F1F96	96S6F2F96	96A6F2F96	96	1.0000	1.021
96S6F1F100	96A6F1F100	96S6F2F100	96A6F2F100	100	1.0416	1.063
96S6F1F108	96A6F1F108	96S6F2F108	96A6F2F108	108	1.1250	1.146
96S6F1F116	96A6F1F116	96S6F2F116	96A6F2F116	116	1.2083	1.229
96S6F1F120	96A6F1F120	96S6F2F120	96A6F2F120	120	1.2500	1.271
96S6F1F127	96A6F1F127	96S6F2F127	96A6F2F127	127	1.3229	1.344
96S6F1F132	96A6F1F132	96S6F2F132	96A6F2F132	132	1.3750	1.396
96S6F1F144	96A6F1F144	96S6F2F144	96A6F2F144	144	1.5000	1.521
96S6F1F156	96A6F1F156	96S6F2F156	96A6F2F156	156	1.6250	1.646
96S6F1F168	96A6F1F168	96S6F2F168	96A6F2F168	168	1.7500	1.771
96S6F1F180	96A6F1F180	96S6F2F180	96A6F2F180	180	1.8750	1.896
96S6F1F192	96A6F1F192	96S6F2F192	96A6F2F192	192	2.0000	2.021
96S6F1F216	96A6F1F216	96S6F2F216	96A6F2F216	216	2.2500	2.271
96S6F1F228	96A6F1F228	96S6F2F228	96A6F2F228	228	2.3750	2.396

HUBLESS

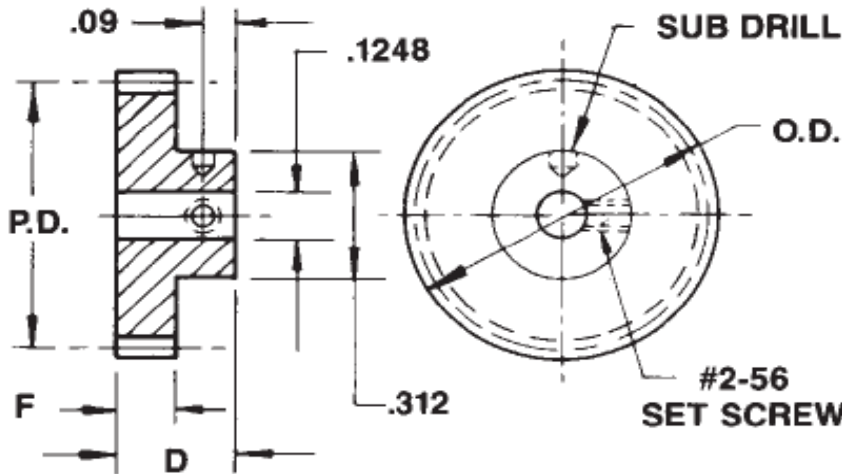


OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS  
FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE 96S6F1F50-.2350

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# SPUR GEAR-96 PITCH — 1/16", 3/32", 1/8" Face Width ■ 20° Pressure Angle

Pin Hub — 1/8" Bore



FOR F=.062	D=.250
FOR F=.093	D=.281
FOR F=.125	D=.312

BORE= .1248/.1253

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
F = 1/16		F = 3/32		F = 1/8				
96S2F1P34	96A2F1P34	96S2F15P34	96S2F15P34	96S2F2P34	96S2F2P34	34	0.3541	0.375
96S2F1P36	96A2F1P36	96S2F15P36	96S2F15P36	96S2F2P36	96S2F2P36	36	0.3750	0.396
96S2F1P40	96A2F1P40	96S2F15P40	96S2F15P40	96S2F2P40	96S2F2P40	40	0.4166	0.438
96S2F1P46	96A2F1P46	96S2F15P46	96S2F15P46	96S2F2P46	96S2F2P46	46	0.4791	0.500
96S2F1P48	96A2F1P48	96S2F15P48	96S2F15P48	96S2F2P48	96S2F2P48	48	0.5000	0.521
96S2F1P50	96A2F1P50	96S2F15P50	96S2F15P50	96S2F2P50	96S2F2P50	50	0.5208	0.542
96S2F1P54	96A2F1P54	96S2F15P54	96S2F15P54	96S2F2P54	96S2F2P54	54	0.5625	0.583
96S2F1P58	96A2F1P58	96S2F15P58	96S2F15P58	96S2F2P58	96S2F2P58	58	0.6041	0.625
96S2F1P60	96A2F1P60	96S2F15P60	96S2F15P60	96S2F2P60	96S2F2P60	60	0.6250	0.646
96S2F1P72	96A2F1P72	96S2F15P72	96S2F15P72	96S2F2P72	96S2F2P72	72	0.7500	0.771
96S2F1P84	96A2F1P84	96S2F15P84	96S2F15P84	96S2F2P84	96S2F2P84	84	0.8750	0.896
96S2F1P96	96A2F1P96	96S2F15P96	96S2F15P96	96S2F2P96	96S2F2P96	96	1.0000	1.021
96S2F1P100	96A2F1P100	96S2F15P100	96S2F15P100	96S2F2P100	96S2F2P100	100	1.0416	1.063
96S2F1P108	96A2F1P108	96S2F15P108	96S2F15P108	96S2F2P108	96S2F2P108	108	1.1250	1.146
96S2F1P120	96A2F1P120	96S2F15P120	96S2F15P120	96S2F2P120	96S2F2P120	120	1.2500	1.271
96S2F1P144	96A2F1P144	96S2F15P144	96S2F15P144	96S2F2P144	96S2F2P144	144	1.5000	1.521
96S2F1P168	96A2F1P168	96S2F15P168	96S2F15P168	96S2F2P168	96S2F2P168	168	1.7500	1.771
96S2F1P192	96A2F1P192	96S2F15P192	96S2F15P192	96S2F2P192	96S2F2P192	192	2.0000	2.021

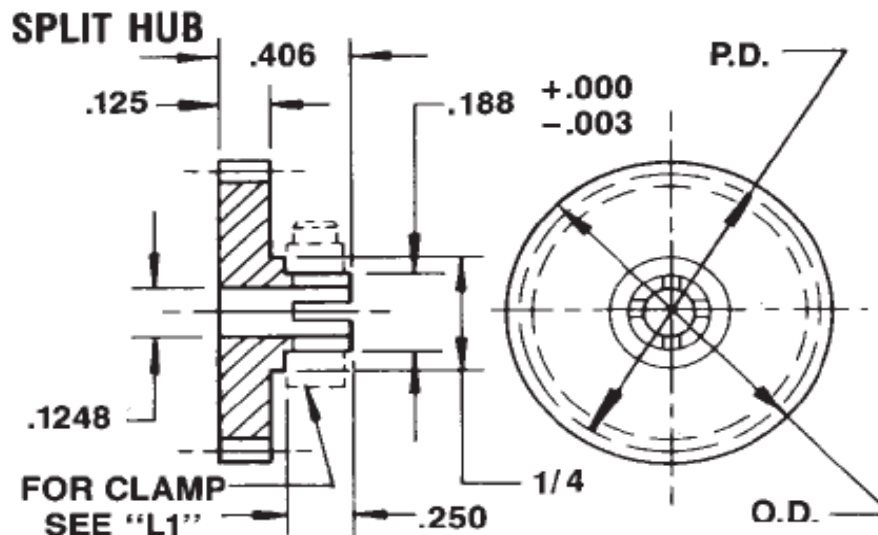
OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE 96S4F2P50-.2350

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-96 PITCH — 1/8" Face Width ■ 20° Pressure Angle

Split Hub — 1/8" Bore



STAINLESS STEEL P/N	ALUMINUM PART NUMBER	NO. OF	P.D.	O.D.
96S2F2C32	96A2F2C32	32	0.3333	0.354
96S2F2C34	96A2F2C34	34	0.3541	0.375
96S2F2C35	96A2F2C35	35	0.3645	0.385
96S2F2C36	96A2F2C36	36	0.375	0.396
96S2F2C38	96A2F2C38	38	0.3958	0.417
96S2F2C40	96A2F2C40	40	0.4166	0.438
96S2F2C44	96A2F2C44	44	0.4583	0.479
96S2F2C48	96A2F2C48	48	0.5000	0.521
96S2F2C50	96A2F2C50	50	0.5206	0.542
96S2F2C52	96A2F2C52	52	0.5416	0.563
96S2F2C54	96A2F2C54	54	0.5625	0.583
96S2F2C56	96A2F2C56	56	0.5833	0.604
96S2F2C58	96A2F2C58	58	0.6042	0.531
96S2F2C60	96A2F2C60	60	0.625	0.646
96S2F2C64	96A2F2C64	64	0.6666	0.688
96S2F2C72	96A2F2C72	72	0.7500	0.771
96S2F2C84	96A2F2C84	84	0.8750	0.896
96S2F2C96	96A2F2C96	96	1.0000	1.021
96S2F2C100	96A2F2C100	100	1.0416	1.063

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION

FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBERS

FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER

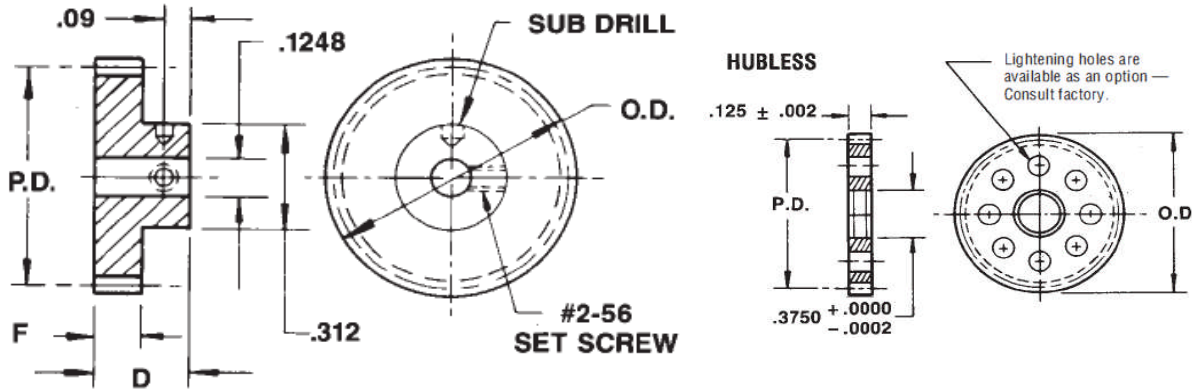
FOR EXAMPLE 96S2F2C100-.1180

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPUR GEAR-120 PITCH — 1/16", 3/32", 1/8" Face Width ■ 20° Pressure Angle

Pin Hub — 1/8" Bore ■ Hubless 3/8" Bore

## PIN HUB



FOR FACE WIDTH = 1/16	D = .250	F = .062
FOR FACE WIDTH = 3/32	D = .281	F = .093

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
PIN HUB	1/16 FACE	PIN HUB	3/32 FACE	HUBLESS	1/8 FACE			
120S2F1P42	120A2F1P42	120S2F15P42	120A2F15P42	-	-	42	0.3500	0.367
120S2F1P45	120A2F1P45	120S2F15P45	120A2F15P45	-	-	45	0.3750	0.392
120S2F1P60	120A2F1P60	120S2F15P60	120A2F15P60	-	-	60	0.5000	0.517
120S2F1P72	120A2F1P72	120S2F15P72	120A2F15P72	120S6F2F72	120A6F2F72	72	0.6000	0.617
120S2F1P78	120A2F1P78	120S2F15P78	120A2F15P78	120S6F2F78	120A6F2F78	78	0.6500	0.667
120S2F1P84	120A2F1P84	120S2F15P84	120A2F15P84	120S6F2F84	120A6F2F84	84	0.7000	0.717
120S2F1P90	120A2F1P90	120S2F15P90	120A2F15P90	120S6F2F90	120A6F2F90	90	0.7500	0.767
120S2F1P96	120A2F1P96	120S2F15P96	120A2F15P96	120S6F2F96	120A6F2F96	96	0.8000	0.817
120S2F1P102	120A2F1P102	120S2F15P102	120A2F15P102	120S6F2F102	120A6F2F102	102	0.8500	0.867
120S2F1P108	120A2F1P108	120S2F15P108	120A2F15P108	120S6F2F108	120A6F2F108	108	0.9000	0.917
120S2F1P114	120A2F1P114	120S2F15P114	120A2F15P114	120S6F2F114	120A6F2F114	114	0.9500	0.967
120S2F1P120	120A2F1P120	120S2F15P120	120A2F15P120	120S6F2F120	120A6F2F120	120	1.0000	1.017
120S2F1P126	120A2F1P126	120S2F15P126	120A2F15P126	120S6F2F126	120A6F2F126	126	1.0500	1.067
120S2F1P127	120A2F1P127	120S2F15P127	120A2F15P127	120S6F2F127	120A6F2F127	127	1.0583	1.075
120S2F1P132	120A2F1P132	120S2F15P132	120A2F15P132	120S6F2F132	120A6F2F132	132	1.1000	1.117
120S2F1P138	120A2F1P138	120S2F15P138	120A2F15P138	120S6F2F138	120A6F2F138	138	1.1500	1.167
120S2F1P144	120A2F1P144	120S2F15P144	120A2F15P144	120S6F2F144	120A6F2F144	144	1.2000	1.217
120S2F1P150	120A2F1P150	120S2F15P150	120A2F15P150	120S6F2F150	120A6F2F150	150	1.2500	1.267
120S2F1P162	120A2F1P162	120S2F15P162	120A2F15P162	120S6F2F162	120A6F2F162	162	1.3500	1.367
120S2F1P174	120A2F1P174	120S2F15P174	120A2F15P174	120S6F2F174	120A6F2F174	174	1.4500	1.467
120S2F1P180	120A2F1P180	120S2F15P180	120A2F15P180	120S6F2F180	120A6F2F180	180	1.5000	1.517

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER

PLEASE CALL POWER DRIVE FOR MORE INFORMATION

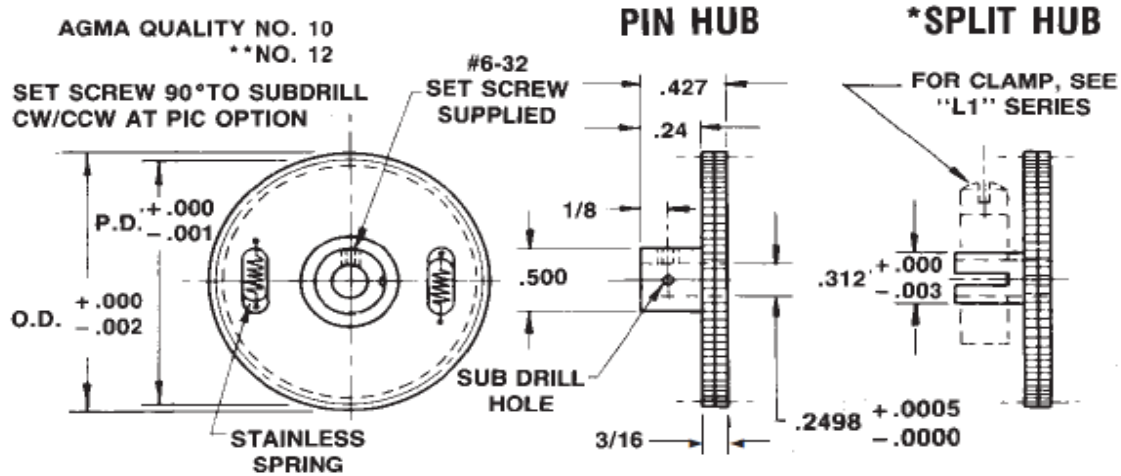
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER

FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR EXAMPLE 120S2F1P50-.1180

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# ANTI-BACKLASH GEAR-24 PITCH — 3/16" Face Width ■ 20° Pressure Angle



Material:  
Gears — 303 Stainless Steel  
2024-T4 Aluminum  
(Anodized Before Cutting)  
Hubs — 303 Stainless Steel

\* For Split Hub Add -C to Part No.

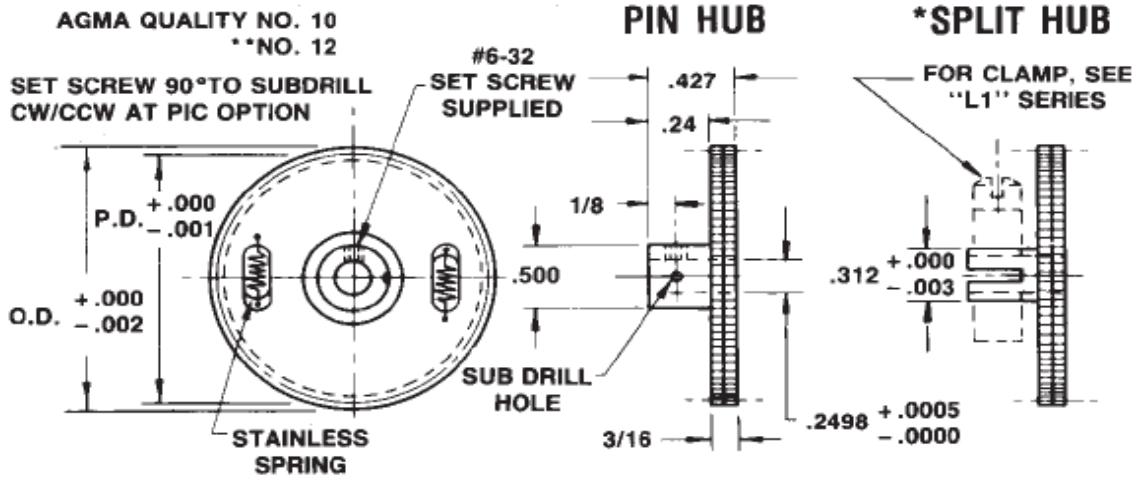
STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER			
.2498 BORE	+.0005/- .0000			
AB24S4F3P30	AB24A4F3P30	30	1.2500	1.333
AB24S4F3P35	AB24A4F3P35	35	1.4583	1.541
AB24S4F3P36	AB24A4F3P36	36	1.5000	1.583
AB24S4F3P40	AB24A4F3P40	40	1.6666	1.750
AB24S4F3P42	AB24A4F3P42	42	1.7500	1.833
AB24S4F3P45	AB24A4F3P45	45	1.8750	1.958
AB24S4F3P48	AB24A4F3P48	48	2.0000	2.083
AB24S4F3P50	AB24A4F3P50	50	2.0833	2.166
AB24S4F3P54	AB24A4F3P54	54	2.2500	2.333
AB24S4F3P55	AB24A4F3P55	55	2.2910	2.375
AB24S4F3P60	AB24A4F3P60	60	2.5000	2.583
AB24S4F3P65	AB24A4F3P65	65	2.7083	2.793
AB24S4F3P66	AB24A4F3P66	66	2.7500	2.833

For gears with a number of teeth not shown within the range listed above,  
substitute the required number of teeth for the digits at the end of the Part Number.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# ANTI-BACKLASH GEAR-32 PITCH — 3/16" Face Width ■ 20° Pressure Angle



Material:

- Gears — 303 Stainless Steel
- 2024-T4 Aluminum  
(Anodized Before Cutting)
- Hubs — 303 Stainless Steel

\* For Split Hub Add -C to Part No.

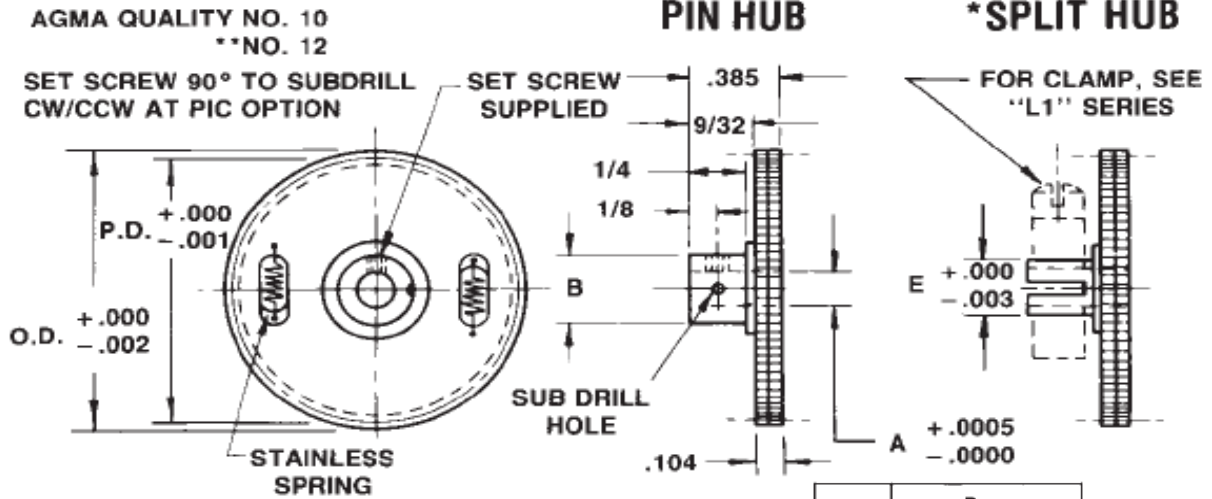
STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER			
.2498 BORE	+.0005/-.0000			
AB32S4F3P40	AB32A4F3P40	40	1.2500	1.312
AB32S4F3P45	AB32A4F3P45	45	1.4060	1.468
AB32S4F3P48	AB32A4F3P48	48	1.5000	1.562
AB32S4F3P50	AB32A4F3P50	50	1.5625	1.625
AB32S4F3P55	AB32A4F3P55	55	1.7187	1.781
AB32S4F3P56	AB32A4F3P56	56	1.7500	1.812
AB32S4F3P60	AB32A4F3P60	60	1.8750	1.937
AB32S4F3P64	AB32A4F3P64	64	2.0000	2.062
AB32S4F3P65	AB32A4F3P65	65	2.0325	2.093
AB32S4F3P70	AB32A4F3P70	70	2.1875	2.250
AB32S4F3P72	AB32A4F3P72	72	2.2500	2.312
AB32S4F3P75	AB32A4F3P75	75	2.3438	2.406
AB32S4F3P80	AB32A4F3P80	80	2.5000	2.562
AB32S4F3P85	AB32A4F3P85	85	2.6563	2.718

For gears with a number of teeth not shown within the range listed above, substitute the required number of teeth for the digits at the end of the Part Number.

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# ANTI-BACKLASH GEAR-48 PITCH — .104" Face Width ■ 20° Pressure Angle

## Pin Hub — 1/8", 3/16", 1/4" Bores



Material:  
 Gears — 303 Stainless Steel  
 2024-T4 Aluminum  
 (Anodized Before Cutting)  
 Hubs — 303 Stainless Steel  
 \* For Split Hub Add -C to Part No.

Dimen.	Bore		
	1/8	3/16	1/4
A	.1248	.1873	.2498
B	.312	.375	.500
E	.188	.250	.312
Set Screw	#2-56	#4-40	#6-32

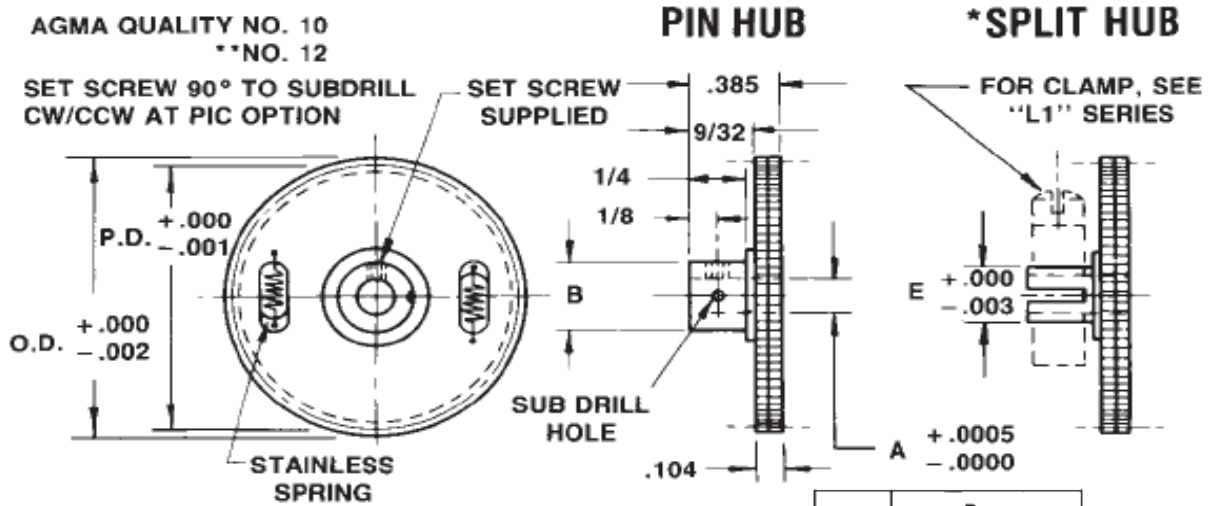
STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1248 BORE		.1873 BORE		.2498 BORE				
+.0005/- .0000		+.0005/- .0000		+.0005/- .0000				
AB48S2F17P65	AB48A2F17P65	AB48S3F17P65	AB48A3F17P65	AB48S4F17P65	AB48A4F17P65	65	1.3541	1.396
AB48S2F17P70	AB48A2F17P70	AB48S3F17P70	AB48A3F17P70	AB48S4F17P70	AB48A4F17P70	70	1.4583	1.500
AB48S2F17P72	AB48A2F17P72	AB48S3F17P72	AB48A3F17P72	AB48S4F17P72	AB48A4F17P72	72	1.5000	1.542
AB48S2F17P75	AB48A2F17P75	AB48S3F17P75	AB48A3F17P75	AB48S4F17P75	AB48A4F17P75	75	1.5625	1.804
AB48S2F17P80	AB48A2F17P80	AB48S3F17P80	AB48A3F17P80	AB48S4F17P80	AB48A4F17P80	80	1.6667	1.708
AB48S2F17P84	AB48A2F17P84	AB48S3F17P84	AB48A3F17P84	AB48S4F17P84	AB48A4F17P84	84	1.7500	1.792
AB48S2F17P85	AB48A2F17P85	AB48S3F17P85	AB48A3F17P85	AB48S4F17P85	AB48A4F17P85	85	1.7708	1.812
AB48S2F17P90	AB48A2F17P90	AB48S3F17P90	AB48A3F17P90	AB48S4F17P90	AB48A4F17P90	90	1.8750	1.915
AB48S2F17P96	AB48A2F17P96	AB48S3F17P96	AB48A3F17P96	AB48S4F17P96	AB48A4F17P96	96	2.0000	2.042
AB48S2F17P100	AB48A2F17P100	AB48S3F17P100	AB48A3F17P100	AB48S4F17P100	AB48A4F17P100	100	2.0833	2.125
AB48S2F17P105	AB48A2F17P105	AB48S3F17P105	AB48A3F17P105	AB48S4F17P105	AB48A4F17P105	105	2.1875	2.229
AB48S2F17P110	AB48A2F17P110	AB48S3F17P110	AB48A3F17P110	AB48S4F17P110	AB48A4F17P110	110	2.2916	2.333
AB48S2F17P115	AB48A2F17P115	AB48S3F17P115	AB48A3F17P115	AB48S4F17P115	AB48A4F17P115	115	2.3958	2.438
AB48S2F17P120	AB48A2F17P120	AB48S3F17P120	AB48A3F17P120	AB48S4F17P120	AB48A4F17P120	120	2.5000	2.541

For gears with a number of teeth not shown within the range listed above, substitute the required number of teeth for the digits at the end of the Part Number.

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# ANTI-BACKLASH GEAR-64 PITCH — .104" Face Width ■ 20° Pressure Angle

Pin Hub — 1/8", 3/16", 1/4" Bores



Material:  
 Gears — 303 Stainless Steel  
 2024-T4 Aluminum  
 (Anodized Before Cutting)  
 Hubs — 303 Stainless Steel  
 \* For Split Hub Add -C to Part No.

Dimen.	Bore		
	1/8	3/16	1/4
A	.1248	.1873	.2498
B	.312	.375	.500
E	.188	.250	.312
Set Screw	#2-56	#4-40	#6-32

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1248 BORE +.0005/-0.0000		.1873 BORE +.0005/-0.0000		.2498 BORE +.0005/-0.0000				
AB64S2F17P85	AB64A2F17P85	AB64S3F17P85	AB64A3F17P85	AB64S4F17P85	AB64A4F17P85	85	1.3281	1.359
AB64S2F17P90	AB64A2F17P90	AB48S3F17P90	AB64A3F17P90	AB64S4F17P90	AB64A4F17P90	90	1.4063	1.438
AB64S2F17P95	AB64A2F17P95	AB48S3F17P95	AB64A3F17P95	AB64S4F17P95	AB64A4F17P95	95	1.4844	1.516
AB64S2F17P96	AB64A2F17P96	AB48S3F17P96	AB64A3F17P96	AB64S4F17P96	AB64A4F17P96	96	1.5000	1.531
AB64S2F17P100	AB64A2F17P100	AB48S3F17P100	AB64A3F17P100	AB64S4F17P100	AB64A4F17P100	100	1.5625	1.594
AB64S2F17P105	AB64A2F17P105	AB48S3F17P105	AB64A3F17P105	AB64S4F17P105	AB64A4F17P105	105	1.6406	1.672
AB64S2F17P108	AB64A2F17P108	AB48S3F17P108	AB64A3F17P108	AB64S4F17P108	AB64A4F17P108	108	1.6875	1.718
AB64S2F17P110	AB64A2F17P110	AB48S3F17P110	AB64A3F17P110	AB64S4F17P110	AB64A4F17P110	110	1.7187	1.750
AB64S2F17P120	AB64A2F17P120	AB48S3F17P120	AB64A3F17P120	AB64S4F17P120	AB64A4F17P120	120	1.8750	1.906
AB64S2F17P125	AB64A2F17P125	AB48S3F17P125	AB64A3F17P125	AB64S4F17P125	AB64A4F17P125	125	1.9531	1.984
AB64S2F17P128	AB64A2F17P128	AB48S3F17P128	AB64A3F17P128	AB64S4F17P128	AB64A4F17P128	128	2.0000	2.031
AB64S2F17P140	AB64A2F17P140	AB48S3F17P140	AB64A3F17P140	AB64S4F17P140	AB64A4F17P140	140	2.1875	2.219
AB64S2F17P150	AB64A2F17P150	AB48S3F17P150	AB64A3F18P150	AB64S4F17P150	AB64A4F17P150	150	2.3438	2.375
AB64S2F17P160	AB64A2F17P160	AB48S3F17P160	AB64A3F17P160	AB64S4F17P160	AB64A4F17P160	160	2.5000	2.531

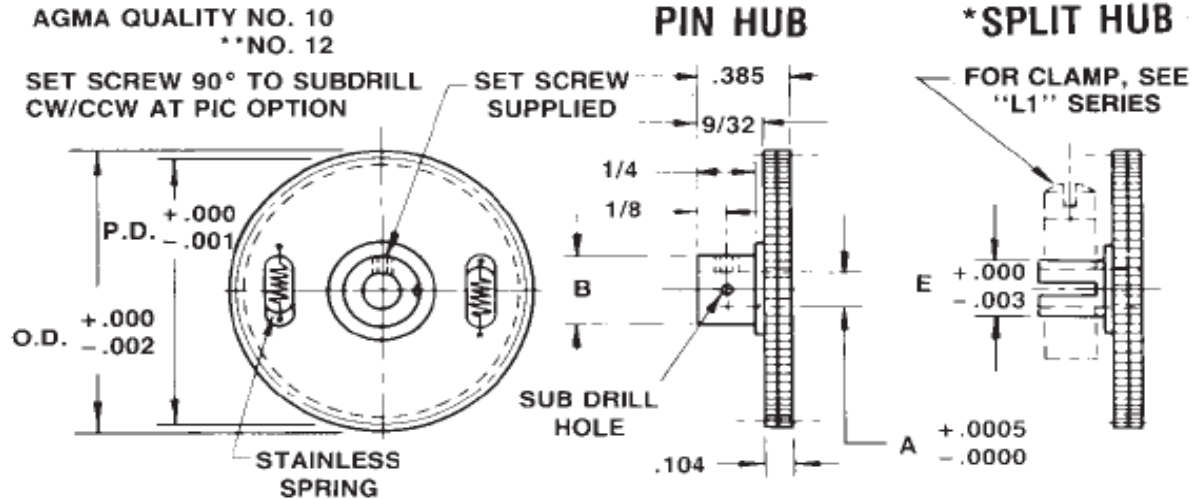
For gears with a number of teeth not shown within the range listed above, substitute the required number of teeth for the digits at the end of the Part Number.

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# ANTI-BACKLASH GEAR -72 PITCH -80 PITCH-96 PITCH

.104" Face Width ■ 20° Pressure Angle

Pin Hub — 1/8", 3/16", 1/4" Bores



Material:

- Gears — 303 Stainless Steel
- 2024-T4 Aluminum
- (Anodized Before Cutting)
- Hubs — 303 Stainless Steel

\* For Split Hub Add -C to Part No.

FOR 72 PITCH .125 BORE 100 TEETH STAINLESS STEEL THE P/N AB72S2F1.8P100  
 FOR 72 PITCH .125 BORE 100 TEETH ALUMINUM THE P/N AB72A2F1.8P100  
 FOR 72 PITCH .187 BORE 100 TEETH STAINLESS STEEL THE P/N AB72S3F1.8P100  
 FOR 72 PITCH .187 BORE 100 TEETH ALUMINUM THE P/N AB72A3F1.8P100  
 FOR 72 PITCH .250 BORE 100 TEETH STAINLESS STEEL THE P/N AB72S4F1.8P100  
 FOR 72 PITCH .250 BORE 100 TEETH ALUMINUM THE P/N AB72A4F1.8P100

FOR 80 PITCH .125 BORE 100 TEETH STAINLESS STEEL THE P/N AB80S2F1.8P100  
 FOR 80 PITCH .125 BORE 100 TEETH ALUMINUM THE P/N AB80A2F1.8P100  
 FOR 80 PITCH .187 BORE 100 TEETH STAINLESS STEEL THE P/N AB80S3F1.8P100  
 FOR 80 PITCH .187 BORE 100 TEETH ALUMINUM THE P/N AB80A3F1.8P100  
 FOR 80 PITCH .250 BORE 100 TEETH STAINLESS STEEL THE P/N AB80S4F1.8P100  
 FOR 80 PITCH .250 BORE 100 TEETH ALUMINUM THE P/N AB80A4F1.8P100

FOR 96 PITCH .125 BORE 130 TEETH STAINLESS STEEL THE P/N AB96S2F1.8P130  
 FOR 96 PITCH .125 BORE 130 TEETH ALUMINUM THE P/N AB96A2F1.8P130  
 FOR 96 PITCH .187 BORE 130 TEETH STAINLESS STEEL THE P/N AB96S3F1.8P130  
 FOR 96 PITCH .187 BORE 130 TEETH ALUMINUM THE P/N AB96A3F1.8P130  
 FOR 96 PITCH .250 BORE 130 TEETH STAINLESS STEEL THE P/N AB96S4F1.8P130  
 FOR 96 PITCH .250 BORE 130 TEETH ALUMINUM THE P/N AB96A4F1.8P130

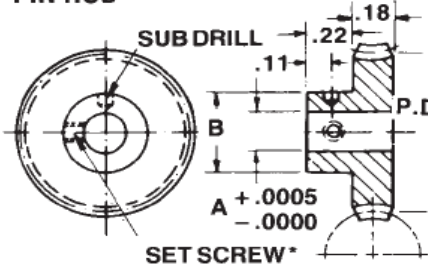
CONTACT POWER DRIVE FOR OTHER NUMBER OF TEETHS AVAILABLE  
 CHANGE THE LAST NUMBERS AFTER P TO YOUR REQUIRED NUMBER OF TEETH

PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769

# WORM WHEEL - 48 PITCH — 14 1/2°, 20°, 25° Pressure Angle

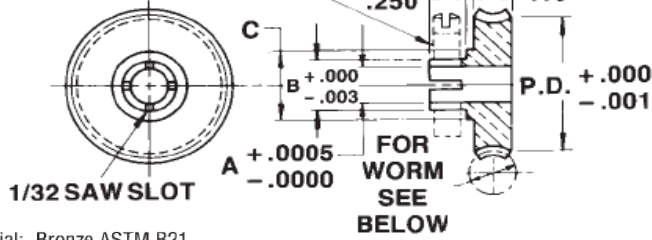
Right Hand ■ Single, Double & Four Thread ■ Pin Hub, Split Hub — 1/8", 3/16" & 1/4" Bores ■ AGMA Quality No. 10

## PIN HUB



## \*SPLIT HUB

ORDER "L1" SERIES CLAMP SEPARATELY



Material: Bronze ASTM B21 Alloy 464

Ratio =  $\frac{\text{No. Teeth}}{\text{No. Threads}}$

BORE - A	HUB DIA. - B	SET SCREW
0.1248	0.312	# 2-56
0.1873	0.375	# 4-40
0.2498	0.5	# 6-32

BORE - A	HUB DIA. - B	DIMN. C
0.1248	0.188	0.250
0.1873	0.25	0.312
0.2498	0.312	0.375

SINGLE THREAD 14.5 DEGREE PA		DOUBLE THREAD 20 DEGREE PA		FOUR THREAD 25 DEGREE PA		SINGLE THREAD 14.5 DEGREE PA		DOUBLE THREAD 20 DEGREE PA	
PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N
.1248 BORE		.1248 BORE		.1248 BORE		.1873 BORE		.1873 BORE	
W48P2F3S30	-	W48P2F3D30	-	W48P2F3F30	-	W48P3F3S30	-	W48P3F3D30	-
W48P2F3S40	-	W48P2F3D40	-	W48P2F3F40	-	W48P3F3S40	-	W48P3F3D40	-
W48P2F3S50	W48C2F3S50	W48P2F3D50	W48C2F3D50	W48P2F3F50	W48C2F3F50	W48P3F3S50	W48C3F3S50	W48P3F3D50	W48C3F3D50
W48P2F3S60	W48C2F3S60	W48P2F3D60	W48C2F3D60	W48P2F3F60	W48C2F3F60	W48P3F3S60	W48C3F3S60	W48P3F3D60	W48C3F3D60
W48P2F3S70	W48C2F3S70	W48P2F3D70	W48C2F3D70	W48P2F3F70	W48C2F3F70	W48P3F3S70	W48C3F3S70	W48P3F3D70	W48C3F3D70
W48P2F3S80	W48C2F3S80	W48P2F3D80	W48C2F3D80	W48P2F3F80	W48C2F3F80	W48P3F3S80	W48C3F3S80	W48P3F3D80	W48C3F3D80
W48P2F3S90	W48C2F3S90	W48P2F3D90	W48C2F3D90	W48P2F3F90	W48C2F3F90	W48P3F3S90	W48C3F3S90	W48P3F3D90	W48C3F3D90
W48P2F3S100	-	W48P2F3D100	-	W48P2F3F100	-	W48P3F3S100	-	W48P3F3D100	-
W48P2F3S120	-	W48P2F3D120	-	W48P2F3F120	-	W48P3F3S120	-	W48P3F3D120	-

FOUR THREAD 25 DEGREE PA		SINGLE THREAD 14.5 DEGREE PA		DOUBLE THREAD 20 DEGREE PA		FOUR THREAD 25 DEGREE PA		GEAR DATA	
PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	NUMBER OF TEETH	PITCH DIA.
.1873 BORE		.2498 BORE		.2498 BORE		.2498 BORE			
W48P3F3F30	-	W48P4F3S30	-	W48P4F3D30	-	W48P4F3F30	-	30	0.6250
W48P3F3F40	-	W48P4F3S40	-	W48P4F3D40	-	W48P4F3F40	-	40	0.8333
W48P3F3F50	W48C3F3F50	W48P4F3S50	W48C4F3S50	W48P4F3D50	W48C4F3D50	W48P4F3F50	W48C4F3F50	50	1.0417
W48P3F3F60	W48C3F3F60	W48P4F3S60	W48C4F3S60	W48P4F3D60	W48C4F3D60	W48P4F3F60	W48C4F3F60	60	1.2500
W48P3F3F70	W48C3F3F70	W48P4F3S70	W48C4F3S70	W48P4F3D70	W48C4F3D70	W48P4F3F70	W48C4F3F70	70	1.4583
W48P3F3F80	W48C3F3F80	W48P4F3S80	W48C4F3S80	W48P4F3D80	W48C4F3D80	W48P4F3F80	W48C4F3F80	80	1.6667
W48P3F3F90	W48C3F3F90	W48P4F3S90	W48C4F3S90	W48P4F3D90	W48C4F3D90	W48P4F3F90	W48C4F3F90	90	1.8750
W48P3F3F100	-	W48P4F3S100	-	W48P4F3D100	-	W48P4F3F100	-	100	2.0833
W48P3F3F120	-	W48P4F3S120	-	W48P4F3D120	-	W48P4F3F120	-	120	2.5000

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS

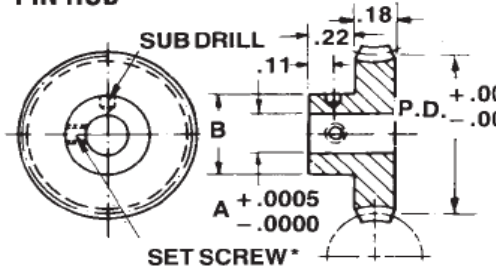
FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE W48P3F3S55-.1180

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

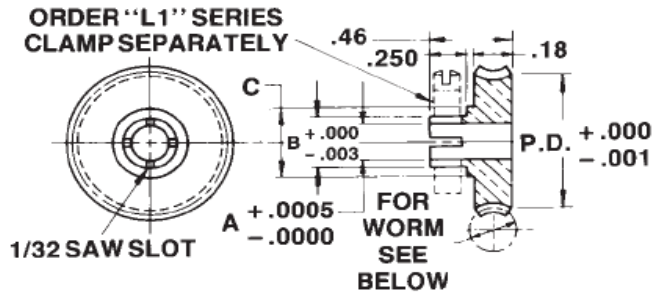
# WORM WHEEL - 64 PITCH — 14 1/2°, 20°, 25° Pressure Angle

Right Hand ■ Single, Double & Four Thread ■ Pin Hub, Split Hub — 1/8", 3/16" & 1/4" Bores ■ AGMA Quality No. 10

## PIN HUB



## \*SPLIT HUB



Material: Bronze ASTM B21 Alloy 64

Ratio =  $\frac{\text{No. Teeth}}{\text{No. Threads}}$

BORE - A	HUB DIA.- B	SET SCREW
0.1248	0.312	# 2-56
0.1873	0.375	# 4-40
0.2498	0.5	# 6-32

BORE - A	HUB DIA.- B	DIMN. C
0.1248	0.188	0.250
0.1873	0.25	0.312
0.2498	0.312	0.375

SINGLE THREAD 14.5 DEGREE PA			DOUBLE THREAD 20 DEGREE PA			SINGLE THREAD 14.5 DEGREE PA			DOUBLE THREAD 20 DEGREE PA		
PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N
.1248 BORE			.1248 BORE			.1248 BORE			.1873 BORE		
W64P2F3S40	-	W64P2F3D40	-	W64P2F3F40	-	W64P3F3S40	-	W64P3F3D40	-	W64P3F3D40	-
W64P2F3S50	-	W64P2F3D50	-	W64P2F3F50	-	W64P3F3S50	-	W64P3F3D50	-	W64P3F3D50	-
W64P2F3S60	W64C2F3S60	W64P2F3D60	W64C2F3D60	W64P2F3F60	W64C2F3F60	W64P3F3S60	W64C3F3S60	W64P3F3D60	W64C3F3D60	W64P3F3D60	W64C3F3D60
W64P2F3S70	W64C2F3S70	W64P2F3D70	W64C2F3D70	W64P2F3F70	W64C2F3F70	W64P3F3S70	W64C3F3S70	W64P3F3D70	W64C3F3D70	W64P3F3D70	W64C3F3D70
W64P2F3S80	W64C2F3S80	W64P2F3D80	W64C2F3D80	W64P2F3F80	W64C2F3F80	W64P3F3S80	W64C3F3S80	W64P3F3D80	W64C3F3D80	W64P3F3D80	W64C3F3D80
W64P2F3S90	W64C2F3S90	W64P2F3D90	W64C2F3D90	W64P2F3F90	W64C2F3F90	W64P3F3S90	W64C3F3S90	W64P3F3D90	W64C3F3D90	W64P3F3D90	W64C3F3D90
W64P2F3S100	W64C2F3S100	W64P2F3D100	W64C2F3D100	W64P2F3F100	W64C2F3F100	W64P3F3S100	W64C3F3S100	W64P3F3D100	W64C3F3D100	W64P3F3D100	W64C3F3D100
W64P2F3S110	-	W64P2F3D110	-	W64P2F3F110	-	W64P3F3S110	-	W64P3F3D110	-	W64P3F3D110	-
W64P2F3S120	-	W64P2F3D120	-	W64P2F3F120	-	W64P3F3S120	-	W64P3F3D120	-	W64P3F3D120	-

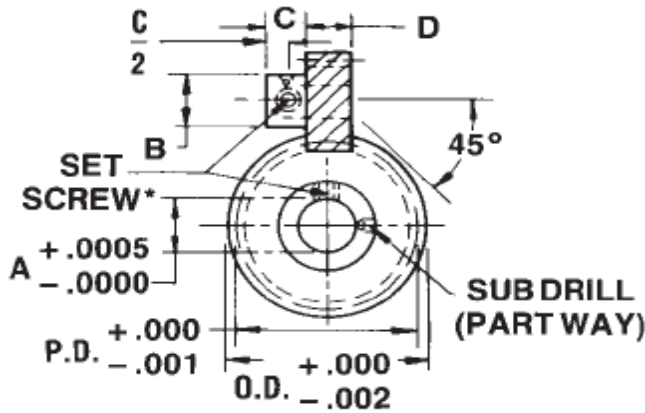
FOUR THREAD 25 DEGREE PA			SINGLE THREAD 14.5 DEGREE PA			DOUBLE THREAD 20 DEGREE PA			FOUR THREAD 25 DEGREE PA			GEAR DATA	
PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	PIN HUB P/N	SPLIT HUB P/N	NUMBER OF TEETH	PITCH DIA.
.1873 BORE			.2498 BORE			.2498 BORE			.2498 BORE				
W64P3F3F40	-	W64P4F3S40	-	W64P4F3D40	-	W64P4F3F40	-	W64P4F3F40	-	W64P4F3F40	-	40	0.6250
W64P3F3F50	-	W64P4F3S50	-	W64P4F3D50	-	W64P4F3F50	-	W64P4F3F50	-	W64P4F3F50	-	50	0.7813
W64P3F3F60	W64C3F3F60	W64P4F3S60	W64C4F3S60	W64P4F3D60	W64C4F3D60	W64P4F3F60	W64C4F3F60	W64P4F3F60	W64C4F3F60	W64P4F3F60	W64C4F3F60	60	0.9375
W64P3F3F70	W64C3F3F70	W64P4F3S70	W64C4F3S70	W64P4F3D70	W64C4F3D70	W64P4F3F70	W64C4F3F70	W64P4F3F70	W64C4F3F70	W64P4F3F70	W64C4F3F70	70	1.0938
W64P3F3F80	W64C3F3F80	W64P4F3S80	W64C4F3S80	W64P4F3D80	W64C4F3D80	W64P4F3F80	W64C4F3F80	W64P4F3F80	W64C4F3F80	W64P4F3F80	W64C4F3F80	80	1.2500
W64P3F3F90	W64C3F3F90	W64P4F3S90	W64C4F3S90	W64P4F3D90	W64C4F3D90	W64P4F3F90	W64C4F3F90	W64P4F3F90	W64C4F3F90	W64P4F3F90	W64C4F3F90	90	1.4063
W64P3F3F100	W64C3F3F100	W64P4F3S100	W64C4F3S100	W64P4F3D100	W64C4F3D100	W64P4F3F100	W64C4F3F100	W64P4F3F100	W64C4F3F100	W64P4F3F100	W64C4F3F100	100	1.5625
W64P3F3F110	-	W64P4F3S110	-	W64P4F3D110	-	W64P4F3F110	-	W64P4F3F110	-	W64P4F3F110	-	110	1.7187
W64P3F3F120	-	W64P4F3S120	-	W64P4F3D120	-	W64P4F3F120	-	W64P4F3F120	-	W64P4F3F120	-	120	1.8750

OTHER BORE SIZE AND NUMBER OF TEETH AVAILABLE  
PLEASE CALL POWER DRIVE FOR MORE INFORMATION  
FOR SPECIAL GEARS ORDER AS FOLLOWS

FOR UNLISTED NUMBER OF TEETH DESIRED AS LAST NUMBER  
FOR SPECIAL BORE ADD SIZE OF BORE AS LAST DASH NUMBER  
FOR EXAMPLE W64P3F3S55-.1180

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# HELICAL GEAR-48 NORMAL PITCH <sup>3</sup>/<sub>16</sub>" Face Width ■ 20° Pressure Angle 45° Helical Angle ■ Pin Hub — <sup>3</sup>/<sub>16</sub>", <sup>1</sup>/<sub>4</sub>" Bores ■ AGMA Quality No. 10 RIGHT HAND & LEFT HAND GEARS



Dimen.	Bore		
	1/8	3/16	1/4
A	.1248	.1873	.2498
B	.312	.375	.500
C	.187	.219	.250
D	.125	.187	.187
Set Screw	#2-56	#4-40	#6-32



Material: 303 Stainless Steel  
2024-T4 Aluminum (Anodized Before Cutting)

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1873 BORE RIGHT HAND		.1873 BORE LEFT HAND		.2498 BORE RIGHT HAND		.2498 BORE LEFT HAND				
H48S3F3R20	H48A3F3R20	H48S3F3L20	H48A3F3L20	H48S4F3R20	H48A4F3R20	H48S4F3L20	H48A4F3L20	20	0.5892	0.631
H48S3F3R25	H48A3F3R25	H48S3F3L25	H48A3F3L25	H48S4F3R25	H48A4F3R25	H48S4F3L25	H48A4F3L25	25	0.7365	0.778
H48S3F3R30	H48A3F3R30	H48S3F3L30	H48A3F3L30	H48S4F3R30	H48A4F3R30	H48S4F3L30	H48A4F3L30	30	0.8838	0.925
H48S3F3R35	H48A3F3R35	H48S3F3L35	H48A3F3L35	H48S4F3R35	H48A4F3R35	H48S4F3L35	H48A4F3L35	35	1.0311	1.072
H48S3F3R40	H48A3F3R40	H48S3F3L40	H48A3F3L40	H48S4F3R40	H48A4F3R40	H48S4F3L40	H48A4F3L40	40	1.1784	1.220
H48S3F3R45	H48A3F3R45	H48S3F3L45	H48A3F3L45	H48S4F3R45	H48A4F3R45	H48S4F3L45	H48A4F3L45	45	1.3258	1.367
H48S3F3R50	H48A3F3R50	H48S3F3L50	H48A3F3L50	H48S4F3R50	H48A4F3R50	H48S4F3L50	H48A4F3L50	50	1.4730	1.514
H48S3F3R60	H48A3F3R60	H48S3F3L60	H48A3F3L60	H48S4F3R60	H48A4F3R60	H48S4F3L60	H48A4F3L60	60	1.7676	1.809
H48S3F3R70	H48A3F3R70	H48S3F3L70	H48A3F3L70	H48S4F3R70	H48A4F3R70	H48S4F3L70	H48A4F3L70	70	2.0622	2.104

# HELICAL GEAR-64 NORMAL PITCH <sup>1</sup>/<sub>8</sub>", <sup>3</sup>/<sub>16</sub>" Face Width ■ 20° Pressure Angle 45° Helical Angle ■ Pin Hub — <sup>1</sup>/<sub>8</sub>", <sup>3</sup>/<sub>16</sub>" Bores ■ AGMA Quality No. 10

STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	STAINLESS STEEL	ALUMINUM	NO. OF TEETH	P.D.	O.D.
PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER			
.1248 BORE RIGHT HAND		.1248 BORE LEFT HAND		.1873 BORE RIGHT HAND		.1873 BORE LEFT HAND				
H64S2F3R20	H64A2F3R20	H64S3F3L20	H64A3F3L20	H64S3F3R20	H64A3F3R20	H64S3F3L20	H64A3F3L20	20	0.5892	0.631
H64S2F3R25	H64A2F3R25	H64S3F3L25	H64A3F3L25	H64S3F3R25	H64A3F3R25	H64S3F3L25	H64A3F3L25	25	0.7365	0.778
H64S2F3R30	H64A2F3R30	H64S3F3L30	H64A3F3L30	H64S3F3R30	H64A3F3R30	H64S3F3L30	H64A3F3L30	30	0.8838	0.925
H64S2F3R35	H64A2F3R35	H64S3F3L35	H64A3F3L35	H64S3F3R35	H64A3F3R35	H64S3F3L35	H64A3F3L35	35	1.0311	1.072
H64S2F3R40	H64A2F3R40	H64S3F3L40	H64A3F3L40	H64S3F3R40	H64A3F3R40	H64S3F3L40	H64A3F3L40	40	1.1784	1.220
H64S2F3R45	H64A2F3R45	H64S3F3L45	H64A3F3L45	H64S3F3R45	H64A3F3R45	H64S3F3L45	H64A3F3L45	45	1.3258	1.367
H64S2F3R50	H64A2F3R50	H64S3F3L50	H64A3F3L50	H64S3F3R50	H64A3F3R50	H64S3F3L50	H64A3F3L50	50	1.4730	1.514
H64S2F3R60	H64A2F3R60	H64S3F3L60	H64A3F3L60	H64S3F3R60	H64A3F3R60	H64S3F3L60	H64A3F3L60	60	1.7676	1.809
H64S2F3R70	H64A2F3R70	H64S3F3L70	H64A3F3L70	H64S3F3R70	H64A3F3R70	H64S3F3L70	H64A3F3L70	70	2.0622	2.104

FOR 1/8 FACE WIDTH AFTER F REPLACE NUMBER WITH 2 FOR EXAMPLE H64S2F2R20 ONLY 3/16 FACE GIVEN  
OTHER TEETH AVAILABLE FOR BOTH PITCHES CHANGE THE NUMBER AFTER R OR L THE NO. OF TEETH NEEDED

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SELECTION GUIDE FOR COUPLINGS

COUPLING TYPE		TORQUE RANGE	RANGE OF MAX. PARALLEL MISALIGNMENT	RANGE OF MAX. ANGULAR MISALIGNMENT
INFORMATION TRANSMITTING COUPLINGS				
		80-350	.012-.027	° 4 to 7
SHOCK ABSORBING COUPLINGS		42-3520	.031-.078	° 1
		40-3575	.025-.100	° 1 to 7
		150	.031-.078	° 1
HIGH MISALIGNMENT COUPLINGS		480-4240	0	
			0	
		11-183	.220 - .610	90
		100-150	.10- .15	° 8 to 15

**A) INFORMATION TRANSMITTING COUPLINGS-** These zero backlash high torsional rigidity couplings, are for precision positioning applications. Where constant velocity is required for accurate feedback.

**B) SHOCK ABSORBING COUPLINGS-**As a result of superflex neoprene molded plastic members connecting their hubs, these couplings dampen vibration and shock loads as well as electrical insulate shafting. These couplings are ideal for X & Y miniature table .

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# ENVIRONMENTAL PARAMETERS

COUPLING TYPE	COUPLING STYLE		HIGH TORSIONAL STIFFNESS	VIBRATION DAMPENING	VACUUM COMPATIBILITY	ELECTRICAL INSULATION	CLEAN ROOM ENVIROMENT
INFORMATION TRANSMITTING COUPLINGS							
	BELLOWS		E	.....	E	.....	E
	BELLO FLEX		E	E	E	E	E
SHOCK ABSORBING COUPLINGS	SPIDER		E	....	E	.....	E
	PIN COUPLINGS		E	....	E	E	E
	SUPERFLEX		E	....	E	E	E
HIGH MISALIGNMENT COUPLINGS	UNIVERSAL JOINT:		G	.....	E	.....	.....
	DELRIN		G	.....	.....	E	.....
	SINGLE JOINT		.....	.....	.....	E	.....
	DOUBLE JOINT		.....	.....	.....	E	.....
	RING SUPERFLEX		E	E	E	E	E

E = EXCELLENT

G = GOOD

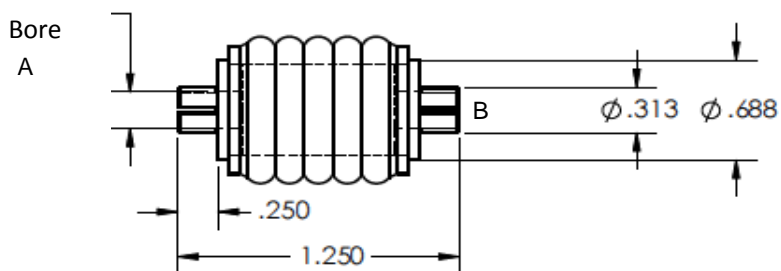
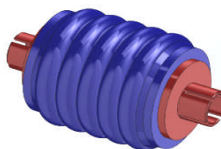
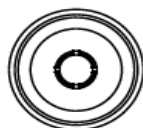
..... = NOT RECOMMENDED

3) MISALIGNMENT COUPLINGS- These couplings allow the designer to have shaft that are intentionally offset, laterally or angularly, by a large amount.

The above chart are a guide for the proper selection for the coupling best suited for your particular applications.

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# BELLO RIBBED COUPLING



MATERIAL:

303 STAINLESS STEEL HUB  
NEOPRENE CENTER

(L)

Moment of Inertia:

Inch .02 in. sec<sup>2</sup>  
Metric: ERM.CM<sup>2</sup>

Part #	A	B	H	L	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (+ degrees)	Radial (+ in)	Axial (+ in)
PDC-1-C	.1248	.1248	11/16	1.250	100	1	.001	.005
PDC-2-C	.1248	.1873	11/16	1.250	100	1	.001	.005
PDC-3-C	.1248	.2498	11/16	1.250	100	1	.001	.005

For other bores contact factory

FOR MORE INFORMATION

CONTACT US

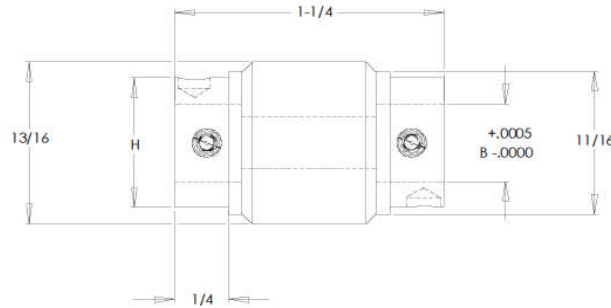
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# Flexible Coupling



## Flexible Coupling (Flat Style)



Material: Hubs 303 SS  
 Neoprene Center  
 Fasteners: Alloy steel, black oiled & SS  
 Insulate between shaft  
 Peak Torque: Select a size where Peak Torque exceeds the application torque x service factor

Service Factors	
Nature of Load	Factor
Uniform Load	1.5
Non-uniform Load	2
Shock Load	3
Reversing Shock Load	4

Part #	Shaft Size	B	H	L	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (+ degrees)	Radial (+ in)	Axial (+ in)
PD-1		.1248	11/16	1.250	100	1	.001	.005
PD-2		.1875	11/16	1.250	100	1	.001	.005
PD-3		.2498	11/16	1.250	100	1	.001	.005

For other bores contact factory

FOR MORE INFORMATION

CONTACT US

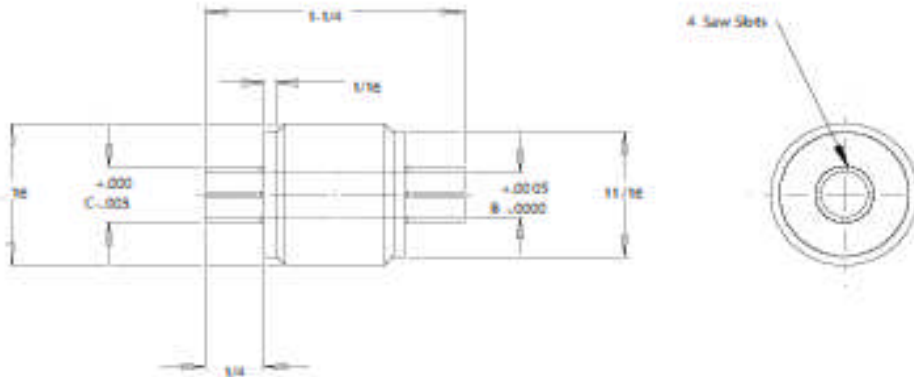
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**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# Flexible Coupling



**Flexible Coupling**



Material: Hubs 303 SS  
 Neoprene center  
 Insulate between shaft  
 Isolate torsional vibration

Peak Torque: Select a size where Peak Torque exceeds the application torque x service factor

Service Factors	
Nature of Load	Factor
Uniform Load	1.5
Non-uniform Load	2
Shock Load	3
Reversing Shock Load	4

Part #	Shaft Size	B	L	C	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (+ degrees)	Radial (+ in)	Axial (+ in)
PDF-1		.1248	1.250	.1248	100	1	.001	.014
PDF-2		.1875	1.250	.2498	100	1	.001	.040
PDF-3		.2498	1.250	.3125	100	1	.001	.040

For other bores contact factory

FOR MORE INFORMATION

CONTACT US

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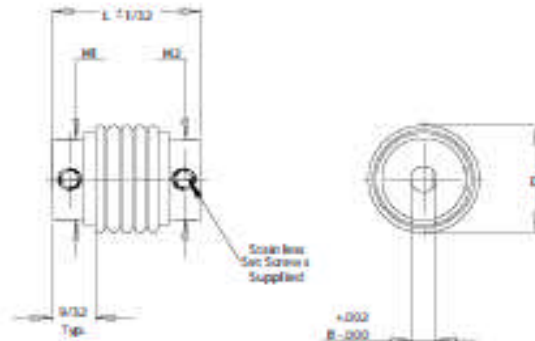
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# Bello Coupling

.120-.2498  
Bore



**B100**



**Material:** Hubs : AL Alloy 2011T3 & 303 SS  
 Bello Ribbed: Neoprene center  
 Fasteners: Alloy steel, black oiled or SS  
 Insulate between shaft

**Peak Torque:** Select a size where Peak Torque exceeds the application torque x service factor

Service Factors	
Nature of Load	Factor
Uniform Load	1.5
Non-uniform Load	2
Shock Load	3
Reversing Shock Load	4

Part #	L	H	D	B	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (+ degrees)	Radial (+ in)	Axial (+ in)
B100-1	.930	.525	.650	.1200	100	2	.002	.005
B100-2	.930	.525	.650	.1875	100	2	.002	.005
B100-3	.930	.525	.650	.2498	100	2	.002	.005

For other bores contact factory

Available in Clamp style

FOR MORE INFORMATION

CONTACT US

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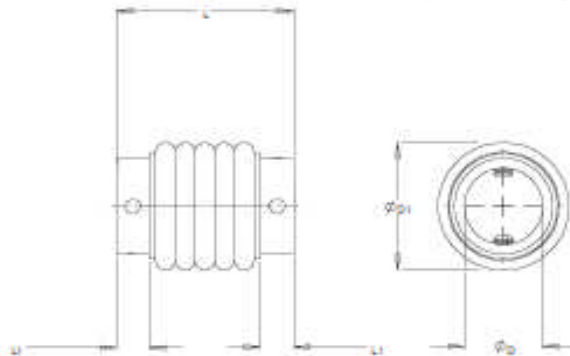
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# Bello Coupling

1/4"-3/4" Bore



**B300  
Series**



**Material:** Hubs: AL Alloy 2011T3 & 303 SS  
 Bello Ribbed: Neoprene  
 Fasteners: Alloy steel, black oiled & SS  
 Insulate between shaft

**Peak Torque:** Select a size where Peak Torque exceeds the application torque x service factor

Service Factors	
Nature of Load	Factor
Uniform Load	1.5
Non-uniform Load	2
Shock Load	3
Reversing Shock Load	4

Part #	L	L1	D	D1	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (+ degrees)	Radial (+ in)	Axial (+ in)
B300-1	1.750	.55	.250	1.020	300	.002	.005	.010
B300-2	1.750	.55	.312	1.020	300	.002	.005	.010
B300-3	1.750	.55	.500	1.020	300	.0025	.005	.010

For other bores contact factory

Available in Clamp hub style

FOR MORE INFORMATION

CONTACT US

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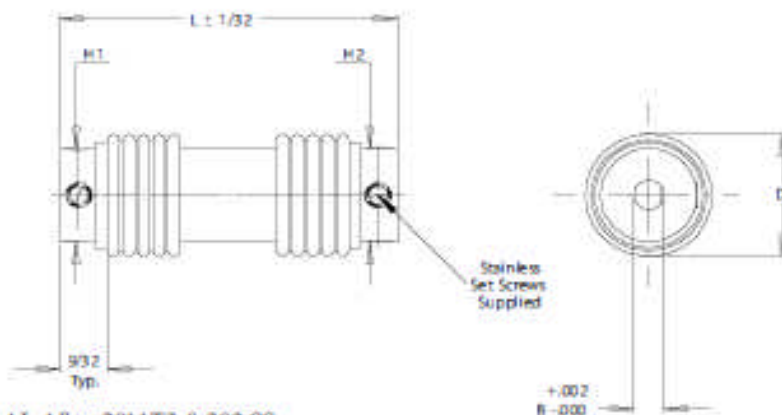
# Bello Coupling

.120-.2498

Bore



**B200**



**Material:** Hubs : AL Alloy 2011T3 & 303 SS  
 Bello Ribbed: Neoprene  
 Fasteners: Alloy steel, black oiled  
 Insulate between shaft

**Peak Torque:** Select a size where Peak Torque exceeds the application torque x service factor

Service Factors	
Nature of Load	Factor
Uniform Load	1.5
Non-uniform Load	2
Shock Load	3
Reversing Shock Load	4

Part #	L	H	D	B	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (± degrees)	Radial (± in)	Axial (± in)
B200-1	1.850	.1200	.650	.1200	50	.005	.006	.010
B200-2	1.850	.1875	.650	.1875	50	.005	.006	.010
B200-3	1.850	.2498	.650	.2498	50	.0052	.006	.010

For other bores contact factory

Available in Clamp style

FOR MORE INFORMATION

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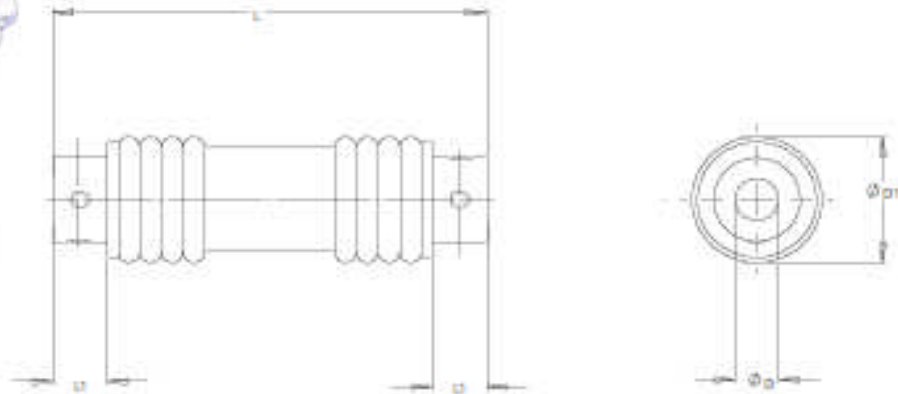
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# Bello Coupling

1/8"-1/4" Bore



**Superflex  
Series**



**Material:** Hubs : AL Alloy 2011T3 & 303 SS  
 Bello Ribbed: Neoprene center  
 Fasteners: Alloy steel, black oiled or SS  
 Insulate between shaft

**Peak Torque:** Select a size where Peak Torque exceeds the application torque x service factor.

Service Factors	
Nature of Load	Factor
Uniform Load	1.5
Non-uniform Load	2
Shock Load	3
Reversing Shock Load	4

Part #	L	L1	D	D1	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (+ degrees)	Radial (+ in)	Axial (+ in)
PC-1	2"9/16	.250	.1248	13/16	50	15	.005	.015
PC-2	2"9/16	.250	.188/.250	13/16	50	15	.005	.015
PC-6	2"9/16	.250	.2498	13/16	50	15	.005	.015

For other bores contact factory

Available in Clamp style

FOR MORE INFORMATION

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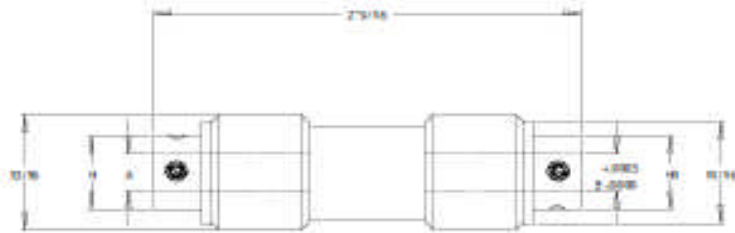
**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**



# Flexible Coupling



## Superflex Coupling (Flat Style)



Material: Hubs 303 SS  
 Neoprene Center  
 Fasteners: Alloy steel, black oiled & SS  
 Insulate between shaft  
 Peak Torque: Select a size where Peak Torque exceeds the application torque x service factor

Service Factors	
Nature of Load	Factor
Uniform Load	1.5
Non-uniform Load	2
Shock Load	3
Reversing Shock Load	4

Part #	Shaft Size	B	H	A	Peak Torque (in.lb)	Maximum Misalignment		
						Angular (± degrees)	Radial (± in)	Axial (± in)
FPC-1		.1248	11/16	.1248	50	10	.002	.012
FPC -2		.1248	11/16	.1875	50	10	.002	.012
FPC -6		.2498	11/16	.2498	50	102	.002	.012

For other bores contact factory

FOR MORE INFORMATION

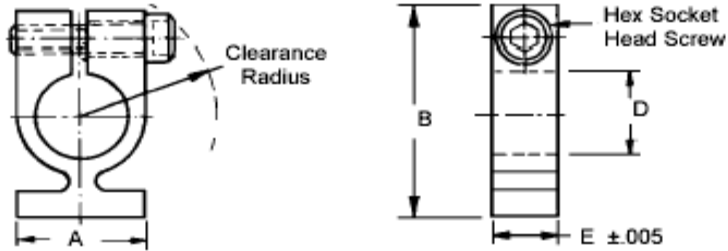
CONTACT US

[sales@powerdrivecomponentsinc.com](mailto:sales@powerdrivecomponentsinc.com)

**PDC, INC. TEL:631-393-6767, 6768 FAX: 631-393-6769**

# SPLIT HUB CLAMPS

1/8" TO 3/8" SHAFT SIZE  
STAINLESS STEEL MILD STEEL



FINISHES  
CLEAR PASS.  
BLACK PASS  
CAD. PLATE

STOCK NO.	MATERIAL	D	A	B	CLEAR RADIUS	E	SCREW	SHAFT SIZE
CD3-1	416 SS					0.240	# 6-32	
CD3-2	416 SS	0.188	0.312	0.687	7/16"	0.240	#6-32	1/8"
CD3-7	303 SS					0.250	#6-32	
CD3-28	MILD STL					0.140	#2-56	
CD3-3	416 SS					0.240	# 6-32	
CD3-4	416 SS	0.251	0.378	0.812	33/64"	0.240	#6-32	3/16"
CD3-9	303 SS					0.250	#6-32	
CD3-30	MILD STL					0.140	#2-56	
11CD3-5	416 SS					0.240	# 6-32	
CD3-6	416 SS	0.313	0.437	0.812	9/16"	0.240	#6-32	1/4"
CD3-11	303 SS					0.250	#6-32	
CD3-32	MILD STL					0.140	#2-56	
CD3-13	303 SS					0.250	#6-32	
CD3-14	MILD STL	0.376	0.5	0.875	43/64"	0.250	#6-32	5/16"
CD3-34	MILD STL					0.140	#2-56	
CD3-15	303 SS					0.250	#6-32	
CD3-16	MILD STL	0.438	0.625	1.032	43/64	0.250	#6-32	3/8"
CD3-36	MILD STL					0.140	#2-56	

Other split hub clamps available on request.

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# TECHNICAL SECTION

## MILITARY CROSS REFERENCES

Materials			Finishes		Used On
PIC Catalog Designation	UNS Designation	Mil. or Fed. Specification	PIC Catalog Designation	Mil. or Fed. Specification	PIC Products
#303 Stainless Steel (Bar)	S30300	ASTM-A-582	**	**	Gears <sup>(2)</sup> , Shafts, Couplings
#303 Stainless Steel (Sheet)	S30300	ASTM-A-666	**	**	Gears <sup>(2)</sup>
#303 Stainless Steel (Spring Temper)	S30200	ASTM-A-666	**	**	Springs, Washers
#416 Stainless Steel	S41600	ASTM-A-582	**	**	Racks, Gears, Shafts
#440 Stainless Steel	S44004	QQ-S-763 Class 10 Type A	**	**	Ball Bearings
#420 Stainless Steel	S42000	QQ-S-763	**	**	Retainer Rings
2024-T4/T351 Alum (Bar)	A92024	QQ-A-225/6	Anodized	MIL-A-8625	Gears <sup>(2)</sup> , Spacer Posts
2024-T3 Alum (Sheet)	A92024	QQ-A-250/4	Anodized	MIL-A-8625	Gears <sup>(2)</sup>
2024-T4/T351 Alum (Bar)	A92024	QQ-A-225/6	Black Anodized	MIL-A-8625	Dials, Drum
2024-T3 Alum (Sheet)	A92024	QQ-A-250/4	Black Anodized	MIL-A-8625	Dials, Disc
#108 Cast Aluminum	—	ASTM-B26	Anodized	MIL-A-8625	Hangers, Breadboards
Bronze (Tobin)	C46400	ASTM-B-21 Alloy 464	—	—	Worm Wheels
Oil-Less Bronze	—	MIL-B-438 Type II Grade 1	Lubricated with SAE 30 Oil	—	Bearings Thrust Washers
Brass (Laminated)	—	MIL-S-22499 Comp. 2 Class 1	—	—	Shims
Beryllium Copper	—	QQ-C-533	Anodized	MIL-A-8625	Retainer Rings
Neoprene (Molded)	—	MIL-R-6855 Class II	—	—	Flex. Couplings Pulley Belts
Grease	—	MIL-G-23827	—	—	Gears, Bearings -65°F to +250°F
Oil	—	MIL-G-6085	—	—	Gears, Bearings -65°F to +250°F
A2 Stainless Steel (Type #304)	S30400	DIN 267 (QQ-S-763)	**	**	Fasteners
A4 Stainless Steel (Type #316)	S31600	DIN 267 (QQ-S-763)	**	**	Fasteners

### NOTES:

- Brief description of the UNIFIED NUMBERING SYSTEM  
The unified numbering system (UNS) provides a means of correlating many nationally used numbering systems currently administered by societies, trade associations, and individual users and producers of metal and alloys, thereby avoiding confusion caused by use of more than one identification number for the same material – and by the opposite situation of having the same number assigned to two or more entirely different materials
  - Refer to 12-4 for gear material specifications by product series.
- \*\*Clear passivate finish to military or federal specifications. Available upon request.

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# TECHNICAL SECTION

**TABLE OF EQUIVALENT DIAMETER MODULE AND CIRCULAR PITCHES**

Diametral Pitch	Circular Pitch (inches)	Circular Pitch (millimeters)	Module (millimeters)
20*	0.1571	3.990	1.2700
24*	0.1309	3.325	1.0583
25.4000	0.1237	3.142	1.0*
31.4159	0.1000*	2.540	0.8085
31.7500	0.0989	2.513	0.8*
32*	0.0982	2.494	0.7938
36.2857	0.0866	2.199	0.7*
42.3333	0.0742	1.885	0.6*
48*	0.0654	1.662	0.5292
50.8000	0.0618	1.571	0.5*
63.5000	0.0495	1.257	0.4*
64*	0.0491	1.247	0.3969
72*	0.0436	1.108	0.3528
80*	0.0393	0.997	0.3175
84.6667	0.0371	0.942	0.3*
96*	0.0327	0.831	0.2646
101.6000	0.0309	0.785	0.25*
120*	0.0262	0.665	0.2117
127.0000	0.0247	0.628	0.2*
200*	0.0157	0.399	0.1270

**SPUR GEAR DATA**

Standard Stock Pitches	Addendum	Dedendum	Whole Depth	Circular Pitch
20	.0500	.0579	.1079	.1571
24	.0417	.0520	.0937	.1309
1/10	.0318	.0402	.0720	.1000
32	.0313	.0395	.0708	.0982
48	.0208	.0270	.0478	.0654
64	.0156	.0208	.0364	.0491
72	.0139	.0187	.0326	.0436
80	.0125	.0170	.0295	.0393
96	.0104	.0145	.0249	.0327
120	.0083	.0120	.0203	.0262
200	.0050	.0080	.0130	.0157

**SPUR GEAR DATA FOR STANDARD MODULES**  
(All dimensions in millimeters)

Standard Module M	Addendum M	Dedendum* 1.16M	Whole Depth 2.16M	Circular Pitch πM
0.2	0.200	0.234	0.434	0.628
0.25	0.250	0.292	0.541	0.785
0.3	0.300	0.350	0.650	0.943
0.4	0.400	0.467	0.866	1.256
0.5	0.500	0.584	1.085	1.571
0.6	0.600	0.701	1.300	1.885
0.7	0.700	0.818	1.519	2.199
0.8	0.800	0.935	1.735	2.513
1.0	1.000	1.166	2.167	3.142

\* Based on clearance equalling one-sixth module.

## STANDARD PITCHES AND MODULE OFFER BY PDC,INC

**NOTE:**

To determine theoretical center distance of gears, add the total number of teeth in both gears, then determine the pitch diameter and divide by two.

**EXAMPLE:**

Using a 99 and 18 tooth gears, using 24 D.P. gears =  $99 + 18 = 117$   
 $P.D. = \text{teeth/pitch} = 117/24 = 4.875$   
 Theoretical Center Distance is  $4.875 / 2 = 2.4378$ .  
 To allow for any variations add 0.001"

Set up P.D. = theoretical plus 0.001" = 2.4388"

$$DP = \frac{25.4}{\text{Module}} \quad \text{Module} = \frac{25.4}{D.P.}$$

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# TECHNICAL SECTION

## AGMA 390.03 FINE-PITCH GEAR TOLERANCES TABLE

AGMA Quality No.	No. of Teeth and Pitch Diameter	Diametral Pitch Range	Tooth-to-Tooth Tolerance	Total Composite Tolerance
10*	Up to 20 Teeth Incl.	20 to 200	.0007	.0010
	Over 20 Teeth Up to 1.999"	20 to 200	.0005	.0010
	Over 20 Teeth 2" to 3.999"	20 to 200	.0005	.0012
	Over 20 Teeth 4" and over	20 to 200	.0005	.0014
11	Up to 20 Teeth Incl.	20 to 200	.0005	.0007
	Over 20 Teeth Up to 1.999"	20 to 200	.0004	.0007
	Over 20 Teeth 2" to 3.999"	20 to 200	.0004	.0009
	Over 20 Teeth 4" and over	20 to 200	.0004	.0010
12**	Up to 20 Teeth Incl.	20 to 200	.0004	.0005
	Over 20 Teeth Up to 1.999"	20 to 200	.0003	.0005
	Over 20 Teeth 2" to 3.999"	20 to 200	.0003	.0006
	Over 20 Teeth 4" and over	20 to 200	.0003	.0007
13	Up to 20 Teeth Incl.	20 to 200	.0003	.0004
	Over 20 Teeth Up to 1.999"	20 to 200	.0002	.0004
	Over 20 Teeth 2" to 3.999"	20 to 200	.0002	.0004
	Over 20 Teeth 4" and over	20 to 200	.0002	.0005
14***	Up to 20 Teeth Incl.	20 to 200	.00019	.00027
	Over 20 Teeth Up to 1.999"	20 to 200	.00014	.00027
	Over 20 Teeth 2" to 3.999"	20 to 200	.00014	.00032
	Over 20 Teeth 4" and over	20 to 200	.00014	.00037
15	Up to 20 Teeth Incl.	20 to 200	.00014	.00019
	Over 20 Teeth Up to 1.999"	20 to 200	.00010	.00019
	Over 20 Teeth 2" to 3.999"	20 to 200	.00010	.00023
	Over 20 Teeth 4" and over	20 to 200	.00010	.00027

### GEAR TOLERANCES

AGMA Class Gear	P.D. Tol.	O.D. Tol.	Bore Tol.	C.D. Fixed Centers	C.D. Adjustable Centers
Q-10	-.001	-.002	+.0005	+.0005	+.002
Q-12	-.0007	-.0015	+.0003	+.0003	+.0015
Q-14	-.0005	-.001	+.0002	+.0002	+.0012

Extracted from AGMA Gear Classification Manual for Spur, Helical and Herringbone Gears (AGMA 390.03), with the permission of the publisher, The American Gear Manufacturers Association, 1330 Massachusetts Avenue, N.W., Washington, D.C. 20005.

\* AGMA 390.03/PIC Q10 = AGMA/ANSI 2015-2-A06 C7/ISO T7

\*\* AGMA 390.03/PIC Q12 = AGMA/ANSI 2015-2-A06 C6/ISO T6

\*\*\* AGMA 390.03/PIC Q14 = AGMA/ANSI 2015-2-A06 C5/ISO T5

# TECHNICAL SECTION

**AGMA 2015-2-A06 FINE-PITCH GEAR TOLERANCES TABLE**

PIC Quality Number	DIN $\Delta$ Quality Number	Pitch Diameter	Metric Module Range	Tooth-to-Tooth Composite Tolerance $\mu\text{m}$	Total Composite Tolerance $\mu\text{m}$
T7	C7 / T7	Up to 12mm	Up to 0.6 Module	7	20
		Over 12 to 50mm		9	25
Over 50 to 100mm	10	28			
Over 100mm	11	32			
		Up to 12mm	Up to 0.6 Module	8	22
		Over 12 to 50mm		10	28
Over 50 to 100mm	11	32			
Over 100mm	12	36			
T6	C6 / T6	Up to 12mm	Up to 0.6 Module	5	14
		Over 12 to 50mm		5.5	16
Over 50 to 100mm	6	18			
Over 100mm	7	20			
		Up to 12mm	Up to 0.6 Module	5.5	16
		Over 12 to 50mm		6	18
Over 50 to 100mm	7	20			
Over 100mm	8	22			
T5	C5 / T5	Up to 12mm	Up to 0.6 Module	3.5	10
		Over 12 to 50mm		4	11
Over 50 to 100mm	4.5	12			
Over 100mm	5	14			
		Up to 12mm	Up to 0.6 Module	3.5	11
		Over 12 to 50mm		4.5	12
Over 50 to 100mm	5	14			
Over 100mm	5	16			

$\Delta$  DIN, ISO, ANSI

All Dimensions in millimeters

### STANDARD TOLERANCES

Inch

Unless otherwise specified, tolerances are as follows:

Two (2) place decimals  $\pm .016$

Three (3) place decimals  $\pm .005$

Fractional  $\pm 1/32$

Angles  $\pm 1^\circ$

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# TERMS & CONDITIONS

**Payment Terms:** Payment due in 30 days from the date of invoice. All prices are FOB Farmingdale, New York. Shipping and insurance charges will be added to each invoice. Terms are subject to change without notice.

**Prices:** Subject to change without notice. Please call the factory to obtain current prices.

**Credit:** Until satisfactory credit has been established and approved by the credit Department, we reserve the right to ship COD.

**Minimum Order:** Power Drive Components, minimum order billing is \$50.00.

**Method of Shipping:** Via UPS parcel service or carrier of our choice unless otherwise specify by the customer. Over night and express delivery are available. Delivery to local airport is available for a feed.

**Quantity Discounts:**

Quantity discounts are available for all catalogue items.

Quotation for larger quantities and for custom parts will be furnished upon request.

**Shortages:** Claims for shortages must be made within 10 days of receipt of material.

**Returns and Exchanges:** All returns require prior approval and will be inspected for condition before credit will be issued and are subject to a restocking charge at our discretion. No credit can be allowed for used or modify standard parts or catalogue parts made to order on quantity production runs. Parts must be returned in original package and no later than 10 days from received of the merchandize.

**Cancellations:** In- process orders, which are terminated by the customer prior to delivery, are subject to cancellation charges at our discretion based upon the work performed.

**Extend of liability:**

We assume financial liability only to the extend of the value of the part supplied by us. In no event we will be liable for consequential damages.

**Technical information:** The ref material in this catalogue is offered as guide at no charge and is subject to verification by the user.

For additional information, contact [www.powerdrivecomponentsinc.com](http://www.powerdrivecomponentsinc.com)

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Tin/IEN # 112986422



## Equipment Capabilities

### CNC 4 Axis

Our CNC 4 Axis machines are used by highly trained operators for turning and milling of components as well as all of our custom made parts.



### Injection Molding

Our unique design allows us to be on a JIT mode combining quick turn-around and a cost savings of up to 30% guaranteed on the belts and chains that we manufacture.



### Gear Cutting

Put 35 years of gear cutting experience to work for you. Whether it's a sprocket, helical, worm, worm wheel or internal gear - we're skilled at it!



### Assembly Units



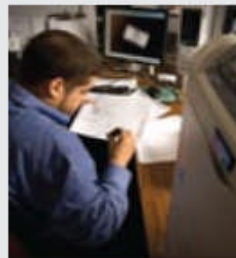
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