

CUSTOM PULLEY (WORKSHEET)

PFEIFER INDUSTRIES, LLC

2180 Corporate Lane
Suite 104

Naperville, IL 60563

Phone: (630) 596-9000

Fax: (630) 596-9002

Email: info@pfeiferindustries.com

Website: www.pfeiferindustries.com



Company: _____

Contact Name: _____

Address (Line 1): _____

Address (Line 2): _____

City, State, Zip Code: _____

Phone: _____

Fax: _____

Email: _____

Website: _____

PULLEY DESIGN INFORMATION:

Prototype or Production: **(CIRCLE ONE)**

Prototype

Production

Quantity required: **(INDICATE)**

_____ Quantity

Drawing available: **(CIRCLE ONE)**

YES

NO

Drawing Number: _____

~Sketch and dimension your design if a drawing is not available, *formal drawing is not required*

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MATERIAL TYPE:

Material type: **(CIRCLE ONE)**

12L14 Steel

6061 Aluminum

319 Cast Aluminum

Other material type: **(SPECIFY)** _____

PLATING / COATINGS AVAILABLE: (INDICATE)

No Plating Required

~Available platings for steel

Zinc Clear Chromate (RoHS Compliant) - Silver finish

Zinc Di-Chromate - Gold finish

Black Oxide - Dull black finish

Nickel

Other available upon request

~Plating / coatings for aluminum

Anodizing - Any color you want

Black Hardcoating - Dull black finish

Clear Hardcoating - Dull grey finish

Other available upon request

SYNCHRONOUS PITCH / PROFILE REQUIRED: (INDICATE)

5mm HTD

5mm PowerGrip GT

8mm HTD

8mm PowerGrip GT2

8mm PolyChain

Others available upon request

NUMBER OF TEETH:

Number of teeth required: **(INDICATE)** _____ Teeth

~Tooth ranges were able to manufacture for pitch/profiles available

➡ 5mm HTD, (17 Tooth through 200 Tooth)

➡ 5mm PowerGrip GT, (16 Tooth through 200 Tooth)

➡ 8mm HTD, (14 Tooth through 140 Tooth)

➡ 8mm PowerGrip GT2, (22 Tooth through 140 Tooth)

➡ 8mm PolyChain GT, (14 Tooth through 140 Tooth)

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WIDTH OF BELT TO BE USED:

Width of belt to be used: **(INDICATE)** _____ mm

~Pulleys can be made to any belt width, and a belt can be supplied to match giving you total customization

~Standard widths are listed below for the available pitch/profiles

➡ 5mm HTD	9mm	15mm	25mm	
➡ 5mm PowerGrip GT	9mm	15mm	25mm	
➡ 8mm HTD	20mm	30mm	50mm	85mm
➡ 8mm PowerGrip GT2	20mm	30mm	50mm	85mm
➡ 8mm PolyChain	12mm	21mm	36mm	62mm

OVERALL LENGTH OF PULLEY REQUIRED:

Overall length of pulley required: **(INDICATE)** _____ Tolerance + / - _____

Hub required for spacing: **(CIRCLE ONE)** YES NO

~If a hub is required then the following needs to be INDICATED

Hub diameter _____ Tolerance + / - _____

Hub length _____ Tolerance + / - _____

FLANGED OR UNFLANGED:

Flanged or unflanged: **(CIRCLE ONE)** FLANGED UNFLANGED

Number of flanges: **(CIRCLE ONE)** ONE TWO Other _____

~In a two pulley system at least one pulley needs to be flanged (we always flange the smaller of the two)

BORE TYPES:

~Unless noted tolerances will be based on standard specifications

- Straight bore _____ Tolerance + / - _____
- Straight bore for bushing _____ Tolerance + / - _____
- Straight bore with counter bore for bearing(s) _____ Tolerance + / - _____
- Tapered bore _____ Tolerance + / - _____
- Splined Please (INDICATE) Style/Bore _____
- QD bushing Please (INDICATE) Style/Bore _____
- Taper lock Please (INDICATE) Style/Bore _____
- Other available upon request*

KEYWAY:

Keyway: **(CIRCLE ONE)** YES NO _____ Tolerance + / - _____

~Unless noted tolerances will be based on standard specifications

Are set screws required: **(CIRCLE ONE)** YES NO

Set screws to be aligned with keyway: **(CIRCLE ONE)** YES NO

Number of set screws required: **(INDICATE)** _____ Quantity

Size of set screws: **(INDICATE)** _____ Dimension

Position (angle) of set screws to each other: **(INDICATE)** _____ Degrees

