



CONVEYOR PULLEYS

Working Together So Pulleys Are Designed Correctly For Your Applications



CHEVRON® PULLEY

BENEFITS

- » Designed and built by Superior and installed on all conveyors
- » Continuous improvement to design-build processes
- » CEMA, Mine and Super duties, plus engineered class for all applications
- » Distributor stock or fastest industry lead time from factories

SPECIFICATIONS

- » Classes: CEMA, Mine Duty, Super Duty and Engineered

DRUM PULLEY PRODUCT OFFERING

	CEMA DUTY	MINE DUTY		SUPER DUTY
		Prime™ Mine Duty	Mine Duty	
Drum Pulleys				
Belt Style	Fabric	Fabric	Fabric	Fabric
Belt Burden	No Load	Full-Load	Full-Load	Full-Load
Starts and Stops	Infrequent	Frequent	Frequent	Frequent
Belt/Feed Characteristics	Uniformly Loaded	Non-Uniformly Loaded	Non-Uniformly Loaded	Non-Uniformly Loaded

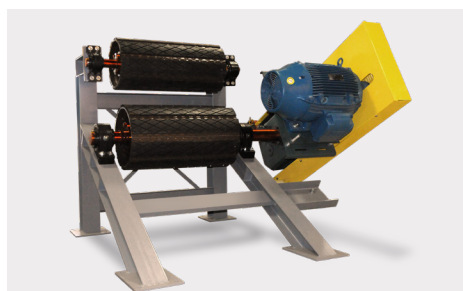
NOTE: Additional capabilities available on request

WING PULLEY PRODUCT OFFERING

	CEMA DUTY		MINE DUTY		SUPER DUTY	
	Standard Wing	Chevron Wing	Standard Wing	Chevron Wing	Standard Wing	Chevron Wing
Wing Pulleys						
Belt Style	Fabric	Fabric	Fabric	Fabric	Fabric	Fabric
Belt Burden	No Load	Full-Load	Full-Load	Full-Load	Full-Load	Full-Load
Starts and Stops	Infrequent	Frequent	Frequent	Frequent	Frequent	Frequent
Belt/Feed Characteristics	Uniformly Loaded	Non-Uniformly Loaded	Non-Uniformly Loaded	Non-Uniformly Loaded	Non-Uniformly Loaded	Non-Uniformly Loaded
Wing Bar Thickness	Standard: 1/4" x 1-1/2" Available: 3/8" and 5/8" x 1-1/2", 1" x 2" Round: 3/4", and 1"	1" x 1/2" Half-Round	Standard: 5/8" x 1-1/2" Available: 3/4" x 2", 1" x 1/2"; 3/4" Round: 1" and 1-1/2"	1" Round	Standard: 3/4" x 2" Round: 1" and 1-1/2"	1-1/2" Round

NOTE: Additional capabilities available on request

CORE®SYSTEMS DESIGN



PRE-ASSEMBLED



IN APPLICATION

APPLICATION ENGINEERED

- » Ensures power requirements are met
- » Rust prevention treatment on shaft

MANUFACTURING CAPABILITIES

- » Certified by American Welding Society (AWS D1.1)
- » On-site weld inspection, nondestructive testing and x-rays
- » Machined rims, lagging, balancing and thermal stress relief
- » Keyless locking assemblies create tightest fit around shaft

AVAILABLE ON REQUEST

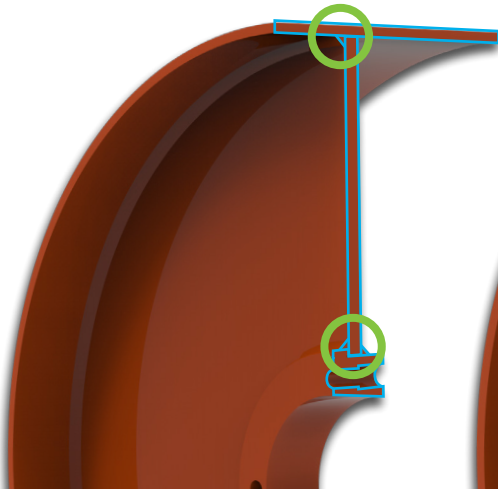
- » Assembly drawings
- » Industry leading brands of power transmission components

PRE-ASSEMBLED PACKAGES

- » Eliminates the headaches of on-site assembly
- » Reduces installation time

FAST SERVICE AND SUPPORT

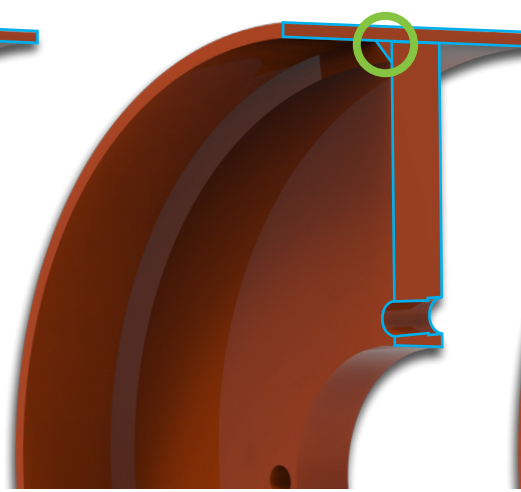
- » Expedited services available
- » **24/7 emergency support**
- » Nationwide distribution
- » Two-year warranty



CLASS ONE

WELDED HUB

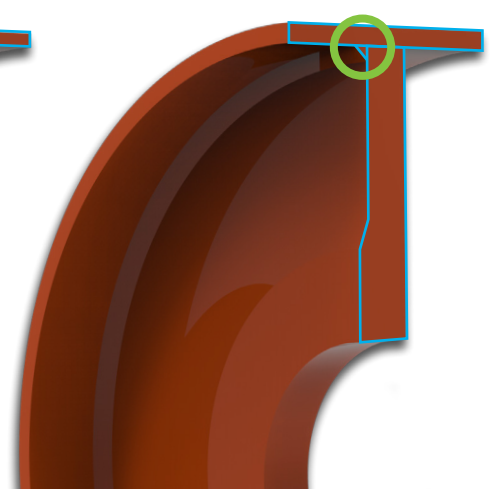
- » Best value in applications where high tension is not the chief concern.



CLASS TWO

INTEGRAL HUB

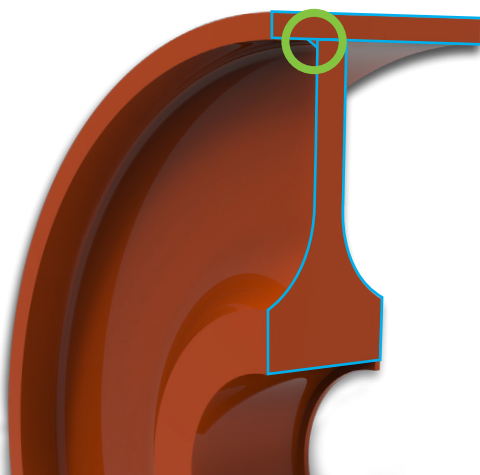
- » One piece machined integral end disc.
- » Eliminates two welds of hub to end disc, a common fatigue point.
- » Optimized for XT bushings, others available upon request.



CLASS THREE

PROFILE DISC

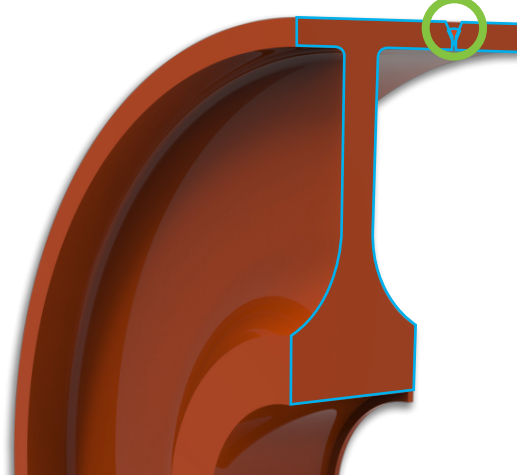
- » Solid profiled end disc.
- » Machined one side reduces stress and eliminates hub to end disc welds.
- » Designed for Keyless Locking Devices.
- » Stress free assembly without damaging effect of keyways.



CLASS FOUR

TURBINE END DISC

- » One piece solid end disc.
- » Machined on both sides for true turbine/hourglass shape.
- » Minimizes stress.
- » Meets customer specific load and tensions.
- » Works with various Keyless Locking Devices.



CLASS FIVE

T-SECTION

- » Solid end discs.
- » Machined to eliminate welds on end disc.
- » Joins with butt welds and rim to form "T" cross section.
- » Meets customer specific load and tensions.

○ = WELD

LAGGING OPTIONS*



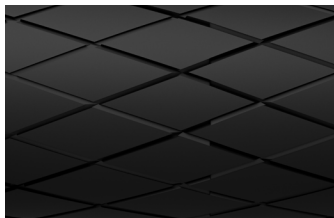
HERRINGBONE

- » Drive pulley
- » 3/8" (10mm) min. thickness



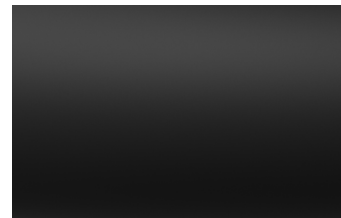
CHEVRON

- » Drive pulley
- » 3/8" (10mm) min. thickness



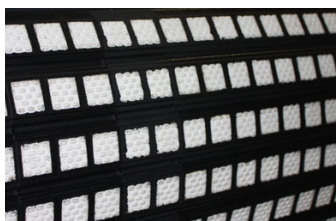
DIAMOND

- » Bidirectional
- » 3/8" (10mm) min. thickness



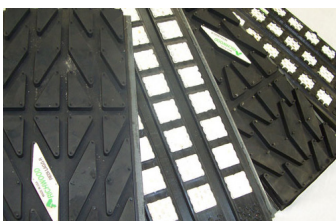
SMOOTH

- » Snub and bend pulley
- » 1/4" (6.3mm) min. thickness



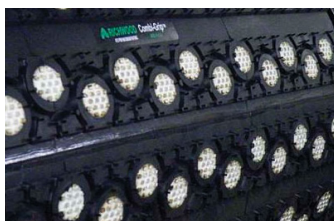
RICHWOOD COMBI-LAGG®

- » Pulleys greater than 475 PIW
- » 5% more grip than other tiles
- » 2X friction of standard lagging
- » 5/8" (16mm) min. thickness



RICHWOOD REDI-LAGG™

- » Weld-on pulley lagging
- » 1/2" (13mm) min. thickness



RICHWOOD COMBI-GRIP

- » Pulleys up to 475 PIW
- » Water shedding grooves
- » 5/8" (16mm) thickness

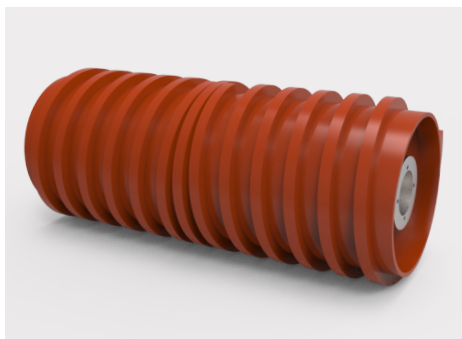


URETHANE

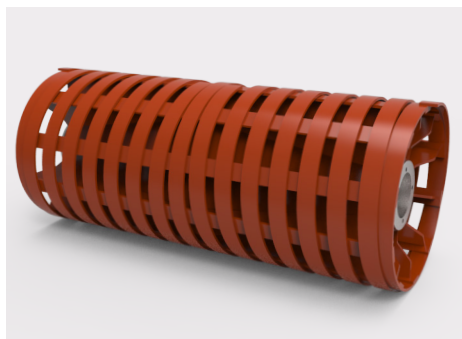
- » Abrasion resistance
- » Chemical resistance
- » Less water absorption than rubber

* Other Options: Abrasion resistant rubber; Oil resistant neoprene rubber; Anti-static, fire retardant MSHA rubber; Custom durometers (60 is standard)

UNIQUE PULLEYS



SPIRAL DRUM PULLEY



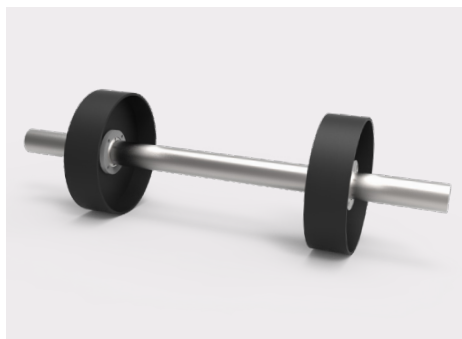
SPIRAL WING PULLEY



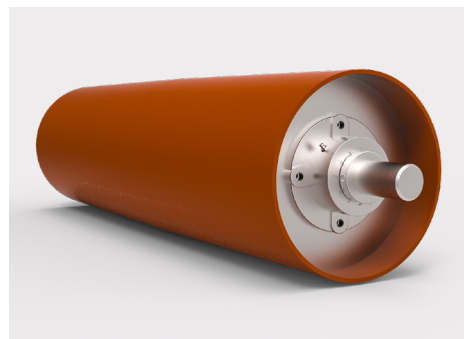
ROUND BAR SUPER WING PULLEY



BEATER BAR



DEFLECTION WHEEL



DEAD SHAFT PULLEYS