

# Browning Sprockets

**BROWNING Offers The Worlds Largest Selection Of Application -- Matched, Shaft-Ready Sprockets and Bushings**

**Thats Your Assurance Of Maximum Drive Efficiency At The Lowest Evaluated Cost.**

You can choose from the worlds largest selection of high-quality, shaft-ready sprockets to solve all your application problems. In-stock hardened sprockets, a Browning specialty, are warranted to last at least twice as long as the standard (un-hardened) mild steel sprockets they replace. The result is increased chain life and reduced downtime. Additionally, you have the industrys broadest selection of sprocket mounting choices. Sprockets are available with three types of bushings to ensure secure mounting to shaft:

## **Split Taper Bushed Sprockets**

### **Features & Benefits**



- External key - higher torque capacity, aligns bolt holes
- Provides Key to Key Drive
- Double Split Barrel - improved clamping
- Solid Flange - true concentricity, easy installation
- Longer barrel - better support on the shaft
- Split Taper Bushings available in inch and metric sizes, as well as with spline bores; bore range 3/8" - 7 7/16"
- Browning provides custom sprockets for a variety of applications up through 60" diameters

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## **Taper Bore Bushed Sprockets**

### **Features & Benefits**



- Flush fit - less space on shaft - no protruding flange
  - 1 11/16 inch per foot taper
  - Setscrew or Capscrew acts as External Key
  - Browning provides custom sprockets for a variety of applications up through 60" diameters
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## Q-D Bushed Sprockets



### Features & Benefits

- Reverse mounting possible
- Q-D bushing is available in 1/16 inch increments and metric sizes
- Browning provides custom sprockets for a variety of applications up through 60" diameters

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## Type A Sprockets

### Features & Benefits



- Solid Plate
- No hub projection
- Available in all popular tooth sizes
- High quality, high carbon steel
- Lasts longer than sprockets made from low carbon steel
- Browning provides custom sprockets for a variety of applications up through 60" diameters

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## Type B Sprockets

### Features & Benefits



- Hub projection on one side
  - High quality, high carbon steel
  - Lasts longer than sprockets made from low carbon steel
  - Minimum Bore Sprockets are provided from stock to allow for our customers` requirements for simple modifications
  - Large hub diameters - provides flexibility when reborring
  - Browning provides custom sprockets for a variety of applications up through 60" diameters
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## Finished Bore Sprockets

### Features & Benefits



- Finished bore sprockets are provided with Hardened Teeth and 2 Setscrews for driver sprockets, (30 teeth and smaller)
- In-stock hardened sprockets are warranted to last at least twice as long as the standard (unhardened) mild steel sprockets they replace
- Browning provides custom sprockets for a variety of applications up through 60" diameters

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## Double Single Sprockets

### Features & Benefits



- Manufactured from steel
- Hardened teeth
- Designed to drive two shafts in the same direction or alternating directions using single strand roller chain
- Browning provides custom sprockets for a variety of applications up through 60" diameters

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## Steel Hubs

### Features & Benefits



- Weld-in hubs for adapting steel products
- Low Carbon Steel for maximum weld-ability
- Minimum Bore and Browning Split Taper Bushed styles
- Bushing bore range from 3/8" to 7 7/16"



## Browning Couplings

- Industry Standard; interchangeable component by component with all competitive brands available in the market today.
- Phosphate coated for better corrosion protection, unlike others.
- Jaw hubs L090 and larger are a reduced weight design to save load on equipment.
- Fully machined, including the jaw area. Machined surfaces are smoother which allows the spider or element to last longer and reduces replacement costs.
- Now available with aluminum and stainless steel hubs for food & beverage, vending machines, corrosive or high humidity environments and other applications.

Browning Coupling Types		Bore Sizes	Maximum HP @ 1800 RPM
Pin	Finished Bore-Die Cast	1/4" - 1 5/8"	9.6
	Finished Bore-Steel	3/8" - 1 1/4"	5.5
	Bushing Type-Steel	3/8" - 3 3/4"	68.7
Jaw	Finished Bore	3/8" - 2 3/8"	180
	Bushing Type	3/8" - 2 3/8"	144
Chain	Finished Bore	1/2" - 2 3/8"	146
	Bushing Type	3/8" - 4 1/4"	588
	Minimum Bore	1/2" - 3 1/2"	588
Ever-Flex	Finished Bore	3/8" - 1 3/4"	74.6
	Bushing Type	3/8" - 4 1/4"	476.7
	Minimum Bore	3/8" - 3 1/4"	203.2
Sleeve	Finished Bore	1/4" - 1 3/8"	-
	Bushing Bore	3/8" - 2 11/16"	-
Rigid	Bushing Type	3/8" - 3 3/4"	-
Morse Coupling Types		Bore Sizes	Maximum HP @ 1000 RPM
MORFLEX®	Finished Bore	9/16" - 3 1/4"	379.8
	Minimum Bore	3/8" - 2"	