



gosan USA

SHEAVES & CRANE COMPONENTS

**WHATEVER THE LOAD...
WHATEVER THE APPLICATION...
WHATEVER THE JOB...
GOSAN HAS THE RIGHT SHEAVE!**

GOSAN... FOR ANY APPLICATION

We manufacture over 25,000 fabricated sheaves a year, ranging in sizes from 6" O.D. to 80"+ O.D. and hook blocks with capacities ranging from 5 tons to 850+ tons.

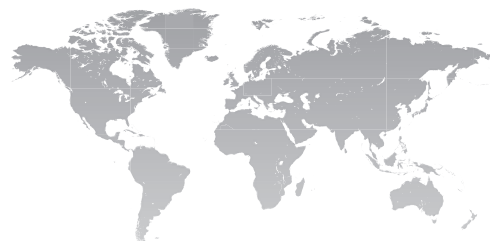


- Harbor
- Marine
- Industry
- Mobile Cranes
- Construction & Mining
- Oil & Gas – Inland & Off Shore

Applications For Industries

Gosan's mechanical lifting and hoisting components are used in practically all sectors involving machinery for lifting, hoisting and transporting materials. Our products are used in critical machinery in ports, on ships, on off-shore platforms and in heavy industry (iron and steel). OEMs and end users worldwide trust Gosan's sheaves, hooks blocks and couplings.

Gosan Is A World Brand
Recognized In Over 45 Countries



We have a network of manufacturing, distribution and sales representatives who provide local support and service to our customers throughout North and South America and throughout the world.



FABRICATION WITH ROLL FORMING PROCESS MAKES GOSAN SHEAVES A HIGH QUALITY PRODUCT

With Gosan's roll form process, welding procedures, equipment verification and quality control, our sheaves stand out from the competition. Because of this process, our heavy-duty sheaves are lighter; have great resistance; are durable and reliable, and exceeds industry standards.

GOSAN FABRICATION ADVANTAGES

- Less wear for the hoisting mechanism means less maintenance
- Less weight to be lifted means more weight the hoist can lift
- Less weight (but same strength as thicker single plate) means two plates are lighter than one central plate
- Very low moment of inertia, to avoid slippage which reduces sheave groove wear
- Competitively priced
- Custom made solutions means less down time

AVAILABLE BEARING CONFIGURATIONS

- Cylindrical Roller Bearings
- Spherical Roller Bearings
- Tapered Roller Bearings
- Ball Bearings
- Bronze Bushing

FINISHED SHEAVES – READY FOR INSTALLATION

- All sheaves are produced in a complete finished state (including final protection coating, if requested)
- Primer coating included
- Bearings, if requested

GOSAN'S MANUFACTURING FLEXIBILITY

Whether you need one sheave or hundreds, because of Gosan's manufacturing flexibility, we can produce any quantity at an affordable price. We can custom-produce a single sheave at a cost-efficient price, not being necessary to mass produce sheaves to achieve scale of economy. Our manufacturing capabilities mean...

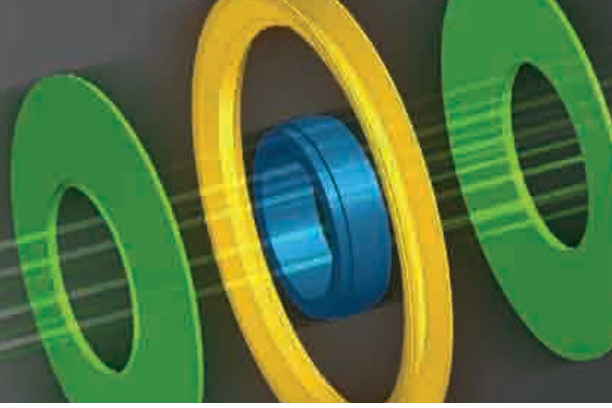
No molds needed • No heat needed • Better lead times possible.

GOSAN'S DESIGN FLEXIBILITY

Not all sheaves in a crane are the same. GOSAN design capabilities allow you to have the right sheave for the right position in the crane, the right load requirements and for whatever the application. Gosan = Custom Made Sheaves

Our R&D, innovation and propriety technology contributes to offering the best possible product for the specific jobs you require. Our continuous improvement of the manufacturing process and our commitment to quality, ensures a true advantage to you.

GOSAN'S SHEAVE TECHNOLOGY

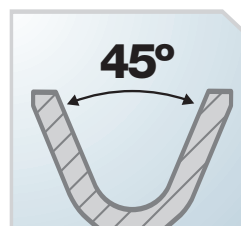
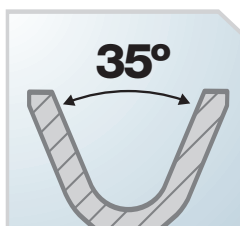
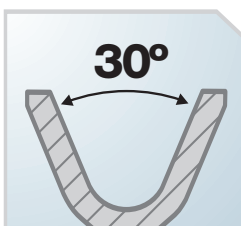


- Fast and economical delivery over a wide range of sheave diameters, wire rope sizes, lot sizes, loading profiles and service classes
- Seamless tubing hub with roll-formed rim
- Stepped bore hub, to provide perfect alignment
- Latest automated welding technology and fabrication process
- AWS D1.1 Certified
- Standard groove hardness of 25-30 RC; hardened > 35 RC
- Lightening/handling holes available as required
- Construction most commonly applied in Europe over the widest range of industrial applications
- Certification by classification societies available (ABS, DNV, Lloyd's, etc.)
- We manufacture to API 8A, 8C and API 2C standards, if required
- We manufacture according to customer specifications.

GOSAN'S STATE-OF-THE-ART FACILITIES ARE LOCATED IN JACKSONVILLE, FLORIDA



GROOVE PROFILES



GOSAN'S FABRICATED SHEAVES

From 6" – 80"
Larger Sizes Available



Model C Dual Web

Sheave made with 2 plates forming truss for greatest strength to weight ratio

Lighter

Gosan's best seller worldwide

Model D Single Web

Sheave made with central plate

Available with stiffeners for more strength



Model E Also available for Heavy Duty applications



Gosan custom makes sheaves for special applications



GOSAN'S ADDITIONAL CRANE PRODUCTS

Hook Blocks



Gosan has earned a reputation for being a point of reference in the market for the supply of mechanical lifting and hoisting components. In the 1980's, we added Hook Blocks to our product line in order to be a primary single source for manufacturers of lifting and hoisting equipment, and even end users.

GOSAN OFFERS A FULL LINE OF HOOK BLOCKS FOR ANY APPLICATION

- Standard Hook Blocks for hoist and overhead cranes
- Construction Blocks
- Custom made Hook Blocks for heavy-duty industrial cranes, including motorized Hook Blocks
- Standard and custom made Hook Blocks for mobile cranes

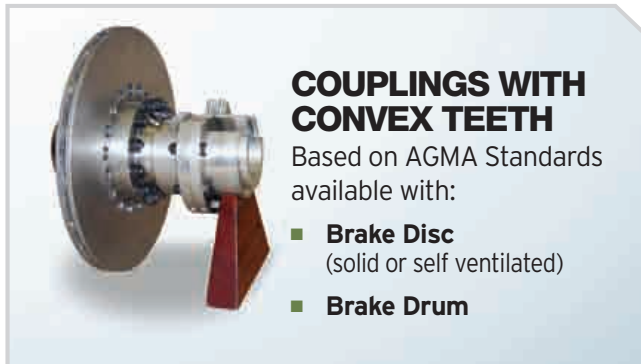
COUPLINGS

In line with the aim of offering a wide range of complementary products to manufacturers of lifting and hoisting equipment, Gosan included the manufacture of couplings in its catalog right from the start. Through Gosan's Research & Development division, couplings have been adapted to updated industrial specifications and the changing demands of the market.



AGBS

Barrel Couplings for Drums



COUPLINGS WITH CONVEX TEETH

Based on AGMA Standards available with:

- Brake Disc (solid or self ventilated)
- Brake Drum

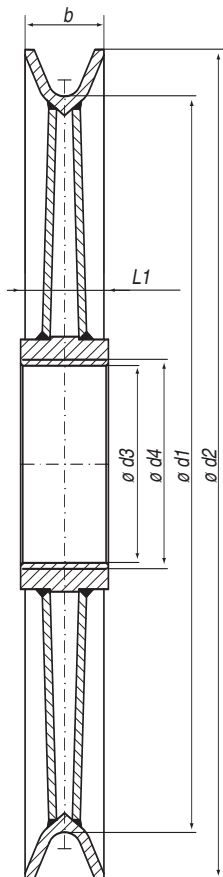
Gosan Sheave RFQ/Order Form (Fill Out And Send)

Customer Name / Contact: _____ Date: _____

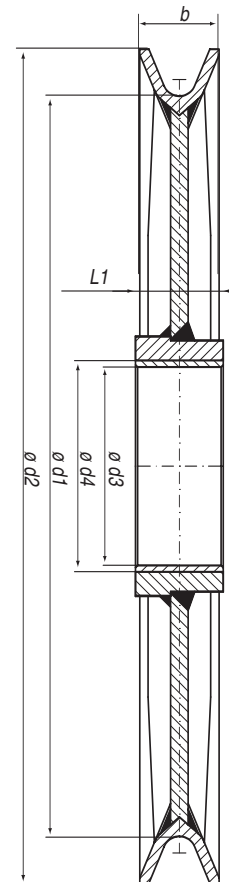
Phone: _____ E-mail: _____

Inquiry / Order# _____

Sheave Model C



Sheave Model D



_____ Quantity _____

_____ d2: Sheave O.D. _____

_____ Wire Rope Diameter _____

_____ d3: Shaft Size _____

_____ d4: Bore _____

_____ Plain Bore (No Bearings) _____

_____ Bronze Bushing _____

_____ Bearing (If needed) _____

_____ (Provide Type - Ball, Roller, Tapered, Manufacturer) _____

_____ L1: Hub Width _____

_____ b: Rim Width _____

_____ d1: Tread Diameter (if needed) _____

(DRAWINGS ARE NOT TO SCALE)

Line Pull _____ Fleet Angle _____ Wrap Angle _____

Line Speed _____ Working Group _____ Application _____

Finish _____ Groove Hardness _____ Third party Inspection / approval _____

Other Requirements: _____

Over 40 Years In Business

THE RIGHT SHEAVE FOR THE RIGHT JOB



Proud Member



FIRST COAST
MANUFACTURERS
ASSOCIATION

g **gosan USA**

SHEAVES & CRANE COMPONENTS

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