

Bearings & Power Transmission Group

ISC represents hundreds of manufacturers of power transmission and bearing products and related services. Whether you need one part or a complete machine, ISC has the resources to meet your requirements.



PRODUCT GUIDE

Bearings

Angular contact
Babbitted
Ball
Ball screw support
Ball transfers
Bearing maintenance equipment
Bronze
Cam followers
Cartridge
Cast bronze
Ceramic
Cylindrical roller
Double row
Flanged
Graphite
Hanger
High precision (ABEC 7 & 9)
High temperature
Insert
Linear
Lock nuts
Lock washers
Miniature
Mounted
Needle roller
Nylon and plastic
Oil impregnated
Pillow block
Piloted
Rod end
Roller
Roller clutches
Sleeve bearings
Slewing
Spherical
Spherical plain
Split
Stainless steel
Steel balls
Take-up
Tapered adapter sleeves
Tapered roller
Thin section
Thrust

Wood

Yoke roller

Electrical and Motion Control

AC motors
AC variable speed drives
Actuators
Brakes
Clutches
DC motors
DC variable speed drives
Dynamic brakes
HMIs
Inverters
Limit switches
Motor starters
Motors
Overloads
PLCs
Photo-eyes
Power supplies
Proximity switches
Servo motors
Servo controls
Soft starts
Tension controls

Fluid Power

Air motors
Air driers
Brakes
Clutches
Couplings
Cylinders
Fittings
FRLs
Gauges
Hose
Hose assembly
Hydraulic motors
Hydraulic power units
Mufflers
O-rings
Packing
Pumps
Quick disconnects

Regulators
Rotary unions
Seals
Tubing

Power Transmission

Air hose
Ball transfers
Belt lacing
Belts

- Banded
- Cogged
- Conveyor
- Double-sided
- FHP (Fractional horse power)
- HTD (High torque drive)
- Metric
- Poly-V
- Serpentine
- Steel reinforced
- Timing
- Urethane
- V-belts
- Variable speed

 Brakes

- Electric
- Mechanical
- Pneumatic
- Tension

 Bucket elevator
 Bushings

- Browning
- Keyless
- QD
- Taperlock

 Chain

- Conveyor
- Drive
- Engineering
- Table top

 Clutches

- Electric
- Mechanical
- Pneumatic
- Torque limiting

 Collars
 Conveyor pulleys and rollers
 Conveyors

- Belt
- Bucket
- Drag
- Gravity
- Screw
- Vibratory

 Couplings

- Beam
- Chain
- Disk
- Elastomeric
- Flexible
- Fluid
- Gear
- Grid
- Jaw
- Rigid

- Shear
- Torque limiting
- Universal joints
- Zero backlash

 Gear reducers

- C-face
- Concentric
- Cycloid
- Helical
- Hypoid
- Low backlash
- Parallel
- Planetary
- Right angle
- Shaft mount
- Worm

 Gearing

- Bevel
- Circular pitch
- Helical
- Herringbone
- Made-to-order (MTO)
- Metric
- Miter
- Non-metallic
- Phenolic
- Pinion wire
- Pinions
- Rack
- Ring
- Spiral bevel
- Spur
- Worm

 Grease fittings
 Guide rail and brackets
 Hose
 Hose clamps
 Hubs (See Bushings)
 Idlers
 Indexers
 Key-stock
 Linear actuators
 Lock nuts
 Lock washers
 Motor bases
 Oil seals
 Oilers
 O-rings
 Overload clutches
 Protective covers
 Pulleys

- Conveyor
- HTD
- Timing
- Variable pitch
- Variable speed
- V-belt

 Reducers (See Gear reducers)
 Retaining rings
 Roller chain
 Seals
 Shaft collars

Shafting

- Cold rolled
- Keyed
- Metric
- Precision ground Class L and S

 Silent chain
 Speed reducers (See Gear reducers)
 Sprockets

- Engineering class
- HTD
- Roller chain

 Table top chain
 Tensioners
 Torque limiters
 Universal joints
 Variable speed drives
 Zerks

Plant Supplies

Abrasives
 Adhesives
 Air hose
 Bearing maintenance products

- Condition monitoring equipment
- Fitting tools
- Heaters
- Pullers

 Casters
 Corrosion inhibitors
 Epoxies
 Gasket material
 Gear pullers
 Grease
 Grease fittings
 Grease guns
 Hand cleaners
 Hand tools
 Hoists
 Hose
 Hose clamps
 Induction heaters
 Instant adhesives
 Key-stock
 Lubricants
 Lubrication equipment
 Oil
 Oilers
 O-rings
 Paints
 Pullers
 Pumps
 Retaining rings
 Sealants
 Shims
 Thread inserts
 Thread lockers
 Zerks



MANUFACTURERS

ABB
 AC Tech
 Accurate Bushing
 Aetna Bearings
 AIE Casters
 Alemite
 Alinabal
 Allied-Locke
 Altra Industrial Motion
 American Pulley
 American Ring & Tool
 American Roller Bearing
 Ameridrives
 Ametric
 AMI Bearings
 Ammeraal Beltech (UNI)
 Artus Shims
 Ashworth
 Associated Dynamics
 Atra-Flex
 Auburn Bearings
 Aurora Bearings
 Autogard
 Baldor Electric
 Band-it
 Bando American
 Barden Bearings
 Belt Corporation of America
 Beltservice
 Berliss Bearings
 Bishop-Wisecarver
 B-Loc
 Bodine Electric
 Bonfiglioli USA
 Bosch-Rexroth
 Boston Gear
 BRECOflex
 Brevini USA
 Brewer
 Cambridge
 Carlson/PowerFlo
 Carter
 Chantland
 Chicago Diecast
 Cleveland Gear
 Climax Metal Products
 Clipper Seal
 Cone Drive
 Cooper Bearings
 CR Seals (SKF)
 CRC Industries
 Curtis
 Daido
 Danaher
 Dayco
 Deublin
 Diamond Case
 Diamond Chain
 Dichtomatik
 Dixon Valve
 Dodge
 Drives
 DualVee
 Durbal
 Dyna-Veyor
 Emerson Power
 Transmission (EPT)
 Eurodrive
 Fafnir
 FAG Bearings
 Fenner Drives
 FK Rod Ends
 Flexco (Flexible Steel Lacing)
 Flexible Technologies
 Formsprag
 FYH Bearings
 G & G Manufacturing
 Garlock
 Gates Rubber
 General Bearings
 Gits
 GL Huyett
 Goodyear
 Grob
 Gusher Pump
 Habasit
 Hanna Cylinders
 Heim Bearings (RBC)
 Henkel-Loctite
 Hepco
 Hilliard
 Hi-Lo
 Hitachi Maxco
 Hi-Tech
 HKK Chain
 Hub City
 Huco
 IDC Select
 Ideal Tridon
 IGUS
 IKO Bearings
 INA Bearings
 Interroll
 IPTCI Bearings
 Isostatic
 Jason Industrial
 Jet Tools
 JM Clipper
 Kabelschlepp
 Kaydon Bearings
 Kop-flex
 Koyo Bearings
 KVP/Falcon Belting (Habasit)
 KWS Manufacturing
 Lafert
 Lee Linear
 Leeson
 Lenze
 Lincoln Motors
 Linn Gear
 Loctite
 Lovejoy
 Lowell Corporation
 LPS Laboratories
 LubeSite
 Lubriplate
 Machine Guard & Cover
 Magaloy

Marland
 Martin Sprocket & Gear
 Maska
 Maurey
 Maxi-Lift
 Mayr Clutch
 McGill
 Mectrol (Gates)
 Meyer Retaining Ring
 Micron (Danaher)
 Miether
 Mitrpak
 Moline Bearing
 Morse
 MRC Bearings
 Nachi Bearings
 National Filter
 National Oil Seal (Timken)
 National Precision
 National Rod End
 Nexen Group
 Nice Bearings
 Nook
 Nord Gear
 North American Electric
 Omni Metalcraft
 ORS Bearings
 Osborn
 Overly-Hautz
 Pacific Bearings
 Parker Hannifin
 Payson
 Payson Casters
 PBC Linear
 Peer Bearings
 Peer Chain
 Pobco
 Posi Lock
 PowerFlo
 PT International
 Purakal
 R+W America
 Ramsey
 RBC Bearings
 RBI Bearings
 Reelcraft
 Reeves
 Reliable Bronze
 Reliance Electric
 Renold
 Renold Jeffrey
 Reuland Electric
 Ringfeder
 Roll-A-Way
 Rollon
 Rotor Clip
 Royersford
 Ruland
 Schaeffler Group
 Scheerer Bearings
 Sealmaster
 SEW Eurodrive
 Silverthin Baering
 SKF Bearings
 Smalley Steel Ring

Smith Bearings (Accurate Bushing)
 SNR Bearings
 Sparks Belting
 Speed Control
 Speed Selector
 SpillTech
 SPX Powerteam
 Stafford
 Star Linear
 Sterling Electric
 Stober
 Sumitomo
 Superior Gearbox
 Superior Idlers
 System Components
 TB Woods
 Tech Top
 THK Linear
 Thomson
 Timken

Tompkins
 Torque Transmission
 Torrington
 Toshiba
 Trico
 Union Chain
 US Seal
 US Tsubaki (UST)
 Vacon
 Vacuforce
 Van Gorp
 Veyance Technologies
 Warner Electric
 WEG
 Whittet-Higgins
 Winsmith
 Woods
 Worldwide Electric
 Zero-Max

ISC Companies and the IDC — National strength. Local support.



ISC Companies is a proud owner/member of the largest cooperative of its type, the Independent Distributors Cooperative (IDC-USA). The IDC membership represents over 280 distributor locations in the United States, making it one of the largest purchasing entities in the industry.

The combined strength of the IDC enables ISC Companies to competitively supply virtually any product you require, including the ability to track down your most hard-to-find needs. IDC also maintains its own brand of world-class products. From bearings and sheaves to motors and more, the IDC brand is your assurance of quality and value.



ISC
COMPANIES

Main Office

12905 Highway 55 West
Plymouth, MN 55441
763.559.0033 800.627.9434

Sioux Falls

1100 West Russell
Sioux Falls, SD 57104
605.336.3471 800.477.2565

Rapid City | Adams-ISC

2131 Rand Road
Rapid City, SD 57709
605.343.9393 800.677.7335

Williston | Adams-ISC

636 East Broadway
Williston, ND 58802
701.774.1883 855.660.3060

IDC-USA warehouse

Indianapolis, IN

Reno, NV



Machining & Fabrication Group

When you need a customized solution tailored to your unique production needs, ISC Companies is your partner of choice. With a complete range of machine component design, fabrication and controls integration services, our staff is there to help you move your project forward.

DESIGN ENGINEERING

We offer turn-key solutions engineered to your production needs and operating environments

CAD/CAM capabilities (2D & 3D)

- SolidWorks 2014
- AutoCad

Custom assemblies integrating distributed products

- Bearings & Power Transmission Group
- Sensors & Controls Group

Machine design

Prototyping

Machine building

MACHINING CAPABILITIES

From metals to plastics, small parts or large, one-offs, repairs, prototypes and production runs—ISC's knowledge and experience can meet your most stringent requirements.

Broaching

C-N-C milling

- 3 and 4 axis
- Automatic pallet changer

C-N-C turning

- Automatic Bar-Feed
- Live Tooling

Deburring and polishing

Long bed lathe

Sawing

Surface Grinding

WELDING AND FABRICATION

ISC's capabilities range from welding repairs to complex and precise machine frames, as well as the certifications to meet the most challenging specs.

AWS certified welders

- ANSI/AWS D1.1: Structural Welding Code/Steel
- ANSI/AWS D1.2: Structural Welding Code/Aluminum

Brazing

C-N-C plasma table

Hard-facing

Heavy fabrication

Large press brake

Machine frame fabrication

Overhead cranes

TiG & MiG welding (all metals)





INSPECTION AND QUALITY ASSURANCE

ISC's processes and procedures assure that your quality standards are met and documented as required.

Coordinate measuring machine (CMM)
MIL-Spec 45208A
Optical comparator
QMS to ISO standards
Temperature controlled inspection room

SPECIAL SERVICES

Put our years of expertise in a wide variety of applications to work for you in solving your manufacturing challenges.

Machine repairs and upgrades
Machine subassemblies
Outside process integration
Prototypes and one of a kind machines
Specialty conveyors / Material handling
Speed reducer repair
Structrual fabrication

Many additional machining and welding services available through our sister company, Adams-ISC

www.ISCcompanies.com



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IDC-USA warehouse
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Machine component supply & integration

Bearing & Power Transmission
Group

Machining & Fabrication
Group

Sensors & Controls
Group

ISC Companies Machining & Fabrication Group | Facilities List

Turning Department

Haas SL-20	Chuck	8"
	Bar Capacity	2"
	Between Centers	20"
	Maximum Cutting Diameter	10"
	Other	Automatic Bar Feed
	Other	Live Tooling
Haas SL-30	Chuck	10"
	Bar Capacity	2.5"
	Between Centers	39"
	Maximum Cutting Diameter	14.5"
	Other	Automatic Bar Feed
Haas TL-2	Chuck	10"
	Bar Capacity	3"
	Between Centers	48"
	Maximum Cutting Diameter	66"
South Bend	Chuck	12"
	Bar Capacity	3"
	Between Centers	120"
	Maximum Cutting Diameter	26"

Milling Department

Haas VF-3	X Travel	40"
	Y Travel	22"
	Z Travel	20"
	Tool Holders	24
Haas VF-5SS	X Travel	50"
	Y Travel	26"
	Z Travel	25"
	Tool Holders	24
	Other	Wireless Probing
Haas VF-2 (Two Units)	X Travel	30"
	Y Travel	15.5"
	Z Travel	17"
	Tool Holders	20
	Other	Wireless Probing

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Haas Super Mini	X Travel	15"
	Y Travel	10"
	Z Travel	17"
	Tool Holders	20
Haas VF4-SS APC	X Travel	40"
	Y Travel	20"
	Z Travel	20"
	Tool Holders	14
	Other	Wireless Probing
	Other	Automatic Pallet Changer
Fabrication		
Material Handling	Forklift	4000 Pounds
	Overhead Crane	10,000
	Cube Size	132" X 132" X 480"
Welding	MiG	Steel
		Stainless Steel
		Aluminum
	TiG	Steel
		Stainless Steel
		Aluminum
		Copper / Brass
		Virtually any metal
Forming	Press Brake	12 Foot
		120 Ton
Cutting	Sawing	16" X 16"
		Automatic Feed
	C-N-C Plasma Table	¾" X 48" X 120"
Design Service	SolidWorks 2014	3 Seats
	AutoCAD	3 Seats
Miscellaneous	Surface Grinding	
	Manual Turning	
	Manual Milling	
	Deburring machines	

Other services available through our sister company, Adams-ISC

Sensors & Controls Group

Monitoring and controlling your process improves efficiency and safety. ISC Companies provides a full line of sensors and controls, from bar code and RFID products, timers, counters and temperature sensors to audible and visual alarms, circuit breakers and switches.

PRODUCT GUIDE

Audible and Visual Alarms (Including Hazardous Locations)

Annunciator systems
Event recorders
External horns and accessories

Conductor bar systems (power rail)
Festoon systems (flat and round cable)
Radio remote controls
Slip rings
Control pendants

Terminal blocks
Thermal overload relays
Timers

Motor and Load Protection

Circuit protectors
Manual motor protectors
Molded case circuit breakers
Miniature circuit breakers (UL 1077, UL 489)
Earth leakage protectors
Voltage monitoring relays
Amperage monitoring relays
Phase monitoring relays

Laser scanners
LED displays
Light curtains
Limit switches
Mats
Monitoring relays
Non-contact sensors
Perimeter guarding
Solenoid interlocks
Two-hand controls

Sensors

Analog
Barrel style
Capacitive
Color sensors
Contrast sensors
Cord sets
Cuboids
Cylinder
Cylindrical
Diffuse / proximity
Distance sensors
Doppler motion
Fiber optic
Fiber optic cables (glass & plastic)
Laser sensors
Magnetic
Mounting brackets
Non-ferrous
Photoelectric
Proximity
Reflex /retro-reflective
Surface mount
Through beam
Ultrasonic sensors
Vision systems

Switches

Cam style
E-stops
Limit switches
Main disconnects
Pendent stations
Pilot devices
Push buttons
Start/stop stations
Toggle / rocker



Wire and cable

Auxiliary taps
Conduit fittings
Cord connectors
Cord grips
Cord sets
Distribution boxes
Field attachable
Plug & play connectors
Receptacles
Shielded cable
Strain relief
Terminal strips
Wire connectors
Wire duct
Wire wrap

Value Added Services

Control integration
Control panel design
Control panel fabrication (UL 508 A)
Cord sets & Wire assemblies/harnesses
Machine safety audits & training



Intercoms
Multi-tone
Outdoor
Rotating / flashing
Safety alarms
Stack lights
Status indicators
Strobe

Control Enclosures (NEMA 12, 3R, 4, 4X, 7, 9)

ABS / polycarbonate
Aluminum
Coated steel
Explosion-proof conduit fittings
Explosion-proof instrument housings
Explosion-proof junction boxes
Explosion-proof meter housings
Fiberglass
Stainless steel

Crane and Hoist

Electrification and Control

Spring retract cable reels
Motor driven cable reels
Hand rewind cable reels

Fluid Control

Flow / level sensors
Pneumatic valves
Solenoid valves
Stainless steel

Mining and Utility Products

Cable couplers (Up to 15kV 500 Amp)

Motor Controls

AC / DC drives
Contactors
Contacts and brushes
Control relays
Control transformers
Enclosed starters
Fused & non-fused disconnect switches
General purpose relays
Manual motor starters
Motor starters
NEMA / IEC
Pilot devices & indicator lights
Power supplies
Reversing contactors
Switch rated plugs and receptacles

Position Feedback and Machine Tool (CNC) Components

Absolute encoders
Angle encoders
CNC tool checks
Digital readouts
Incremental encoders
Length gauges
Exposed linear encoders
Rotary encoders
Sealed linear encoders
Servo encoders
Wire Line Encoders

Programmable controls

Counters
PLCs
Programmable relays
Temperature controls
Timers

Safety

Area scanners
Bumpers
Cable pulls
Contact strips
Door handles
Foot switches
Hinged interlocks
Interlock switches

- **INDUSTRIAL CONTROL DESIGN**
- **SYSTEMS ENGINEERING**
- **CUSTOM ELECTRICAL ASSEMBLIES**
- **MACHINE INTEGRATION**

MANUFACTURERS

ABB	KEB America	RTK Instruments
ABB/Baldor Drives	Kleinhus	Schaefer
AC Tech	Klockner Moeller	Schmersal
Acu-Rite	Lafert	Tape Switch
Adalet	Leeson	Teco
AEG (EE Controls)	Leine & Linde	Westinghouse
Analam	Lenze	Toshiba
B&J (Benedikt & Jager)	Lincoln Electric	TR Electronics
Baldor Electric	Meltric	Vacon
Bodine Electric	Mencom	Warner-Bernstein (AEG Safety)
C3 Controls	Micron Industries	WEG
Conductix Wampfler	North American Electric	Wieland
Durant	Panalarm	Worldwide Electric
Fuji Electric	PLM	
Hammond Manufacturing	Reliance Electric	
Heidenhain	Renco	
Hitachi	Reuland Electric	
IFM Effector	RSF Elektronik	



UL 508a Panel Shop

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