



**GROUP OF COMPANIES**

# **Rope and Assemblies Division Capabilites Guide**

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## ABOUT US

With 12 locations across 3 countries and a dedicated team of over 750 employees, Central Wire Group of Companies has been setting the standard in specialty alloy manufacturing for over 60 years. Specializing in high-quality wire, wire rope, cable assemblies, and more, CWI confidently serves a range of industries, including mission-critical sectors. Our commitment to quality, innovation, and eco-friendly practices drives us to invest in our people and expand into new markets, continually striving for operational excellence and making a significant impact on the industries we serve.



Manufacturers of Wire Rope | Milton, Florida  
**strandcore**  
a cwi company



## TRUSTED PARTNERS



## MILITARY & INDUSTRIAL SPECIFICATIONS

MIL-DTL-83420	MIL-DTL-5688	DMS 1989	BS24917
MIL-DTL-87161	MIL-W-12567	DMS 2220	CM3862
MIL-DTL-18375	MIL-W-18242	BMS7-265	GL505H
MIL-DTL-87218	MIL-W-21632	ASTM A1023	PS60043
MIL-DTL-83140	DMS 2187	ASTM A475	ISO 2020
MIL-DTL-781	DMS 2192	ASTM A313	BS 2W 12:1989
MIL-DTL-8878	DMS 2453	P100	RR-W-410
MIL-DTL-5765	DMS 2454	P101	CMMP007
MIL-DTL-6117	DMS 2114	BAMS 511-001	

## MILITARY SPECIFICATION WIRE ROPE TERMINALS

Fork ends (MS21252C, NAS1435-K, MS20667)  
Ball ends (MS20663, MS20664, BA3)  
Eye ends (MS20668, MS21254C, MS21255C, EY1X, NAS1435-E)  
Wire Rope Clips  
Oval Sleeves (MS51844)  
Thimbles

Studs (MS21259, MS21260, AN666)  
Stop Sleeves  
Turnbuckles (MS21251, MS21256)  
Cable bushings  
Clevis pins  
Cotter pins  
Locking stud (MS21260 | AN669 | NAS650)

## NAS STANDARD HARDWARE

Ball end fitting (NAS494)  
Strap fork (NAS1435-K)  
Strap eye (NAS1435-E)  
Stop sleeve  
AN100 thimble  
Marine eye end

## NAS SERIES BUSHINGS:

NAS75 Series (Steel Bushings)  
NAS77 Series (Alloy Steel Cadmium Plating)  
NAS77A  
NAS76 Series (Aluminum Bronze Bushings)  
Boeing Standard Bushings  
NAS72  
NAS537  
NAS538



# WIRE ROPE, CABLE & STRAND

## WIRE ROPE

### **Stainless & Nickel**

302/304, 305, 316, 2205, Monel, Inconel, & More  
IWRC, Fiber Core, Strand Core

### **Carbon Steel**

Galvanized or Bright  
IPS, EIPS, EEIPS  
IWRC, Fiber Core, Strand Core

### **Non-Ferrous**

Phos Bronze, Tin Coated Phos Bronze, & More  
IWRC, Fiber Core, Strand Core

## CABLE & SPECIALTY CABLE

Medical Strand  
Medical Cable  
Elasticore ® – Extrusion Core Wire  
Exerflex Pro ® – Fitness Cable  
Reflexlite ® – Retroreflective coating  
Kobra Koil ® – Coiled Cable bare or Coated

## DOMESTIC AIRCRAFT CABLE

### **Mil Spec Rotation Resistant MIL-DTL-83140**

Galvanized  
Stainless

### **Mil Spec Aircraft Control MIL-DTL-83420**

Galvanized  
Stainless

### **Seizing Strand**

### **Lock Wire MS20995**

## PLASTIC COATINGS

Nylon  
Food Grade Nylon  
Vinyl  
Polyethylene  
Polypropylene  
TPC-ET

# PROCESSES & CERTIFICATIONS

## PROCESSES

Turning  
Drilling  
Tapping  
Thread rolling  
Broaching  
Milling  
Lathing  
Grinding  
Power coating

## CERTIFICATIONS

AS 9100  
USA QPD  
NAS Part Standards  
ISO 9001:2015  
AS9100 Rev D  
ISO 13485: 2016

## MATERIAL PROCESSING CAPABILITIES:

ASTM-E-1417  
Heat treat  
Plating  
Passivation per ASTM A967 Standard  
Tolerancing to  $\pm 0.0001$ "  
Measurement Resolution of .000001  
Florescent Penetrant Inspection



# MECHANICAL & CABLE ASSEMBLIES

## AIRCRAFT CONTROL & MILITARY ASSEMBLIES

C-130 B-H Certified Parts Under License  
Lock-Clad Cable Assemblies  
AOG Emergency Orders  
1x7 Nylon Coated STainless Steel Cable Type 302/304

## COMMERCIAL CABLE ASSEMBLIES

## MEDICAL CABLE ASSEMBLIES

## MECHANICAL CABLE ASSEMBLIES

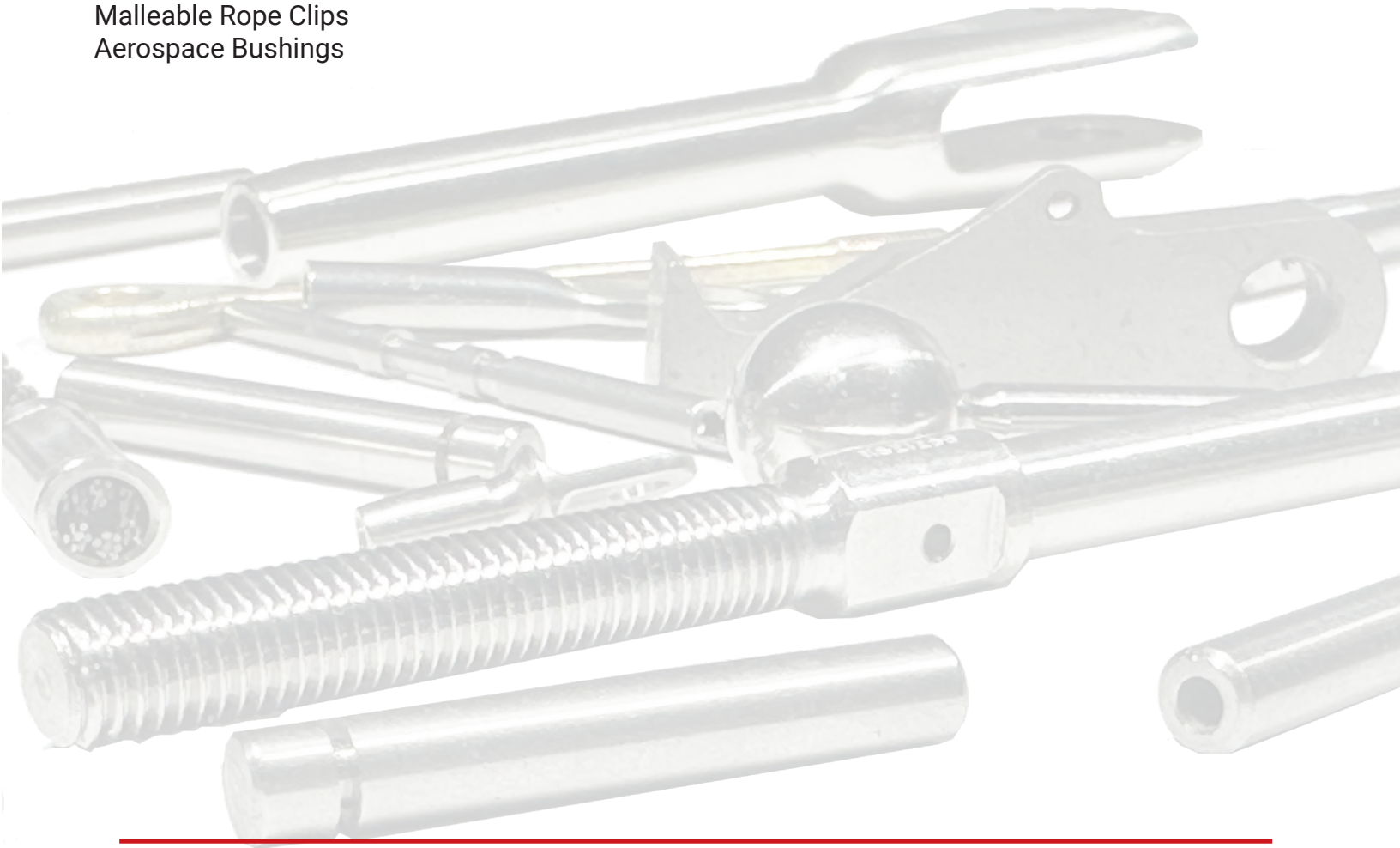
Eye-Eye Galvanized Lanyard  
Eye-Eye Stainless Lanyard  
Loop-Loop Stainless Lanyard  
Loop-Eye Galvanized Lanyard  
Loop-Eye Stainless Lanyard  
Loop-Loop Galvanized Lanyard  
Loop-Loop Stainless Lanyard  
Loop-Loop-Tab Galvanized Lanyard  
Loop-Loop-Tab Stainless Lanyard





# FITTINGS, HARDWARE & TERMINALS

MS Hardware  
NAS Hardware  
Fork Ends  
Eye Ends  
Studs  
Ball Ends  
Oval Sleeves  
Stop Sleeves  
Carbon and Stainless Steel Thimbles  
Turnbuckles  
Wire Rope Clips  
Compression Sleeves  
Stamped Eye Terminals  
Stops  
Plain Ball Ends  
Single Shank Ball Ends  
Standard Carbon Steel Thimbles  
AN100 Thimbles  
Threaded Terminal Studs  
Malleable Rope Clips  
Aerospace Bushings



# SPECIALTY PRODUCTS

- Armor wrapped cable
- Mooring and oceanographic cable
- Hide wire
- Conveyor Cable
- Marine and rigging cable
- Well screen wire
- Well measuring line
- Safety lock wire
- Knitting wire
- Weaving wire
- Lashing wire
- Spring wire



## SEISMIC BRACING:

- Seismic Bracing Cable
- Seismic Bracings Hardware
- Seismic Bracing Kits (2-way & 4-way)

## TOOLS:

- Locoloc® Handswaging Tools
- Locoloc® Battery Swaging Tools
- FELCO Cable Cutters
- Battery-Powered Cable Cutters
- Hydraulic Cable Cutters
- Swaging Machines
- Cable Diameter Gauge
- Locoloc® Sleeve Gauges
- Accessories for M2
- Locoloc® Swaging Kits



## PULLEYS & SHEAVES:

- Stock steel pulleys 1.5"-6"
- Stock QSheaves™ 6"-12"
- Custom steel sheaves — Strongman™
- Custom nylon sheaves — Hardhat™
- Plastic process sheaves
- Crosby API sheaves
- Crosby McKissick sheaves
- Gunnebo Johnson sheaves
- Bomco replacement sheaves
- Cable guides





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