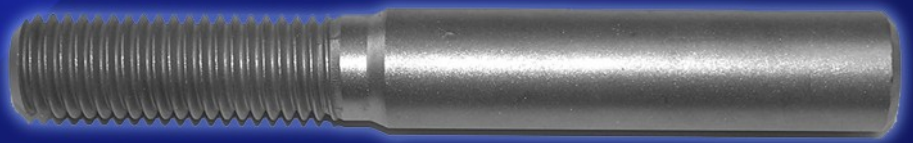





MUNCY™ INDUSTRIES

Specials | Communications Plan

Course Objectives

- Learn common terminology.
- Learn how to request a quote.
- Learn how to measure critical fitting dimensions.
- Learn about different common surface finishes.

Common Terminology

- Common terminology reduces the risk of miscommunication on your special wire rope fitting needs.
- Ensures efficient, clean communications.
- NO MISTAKES!

Common Terminology

BUTTON OR FERRULE

- Specify if you are giving before swage or after swage dimensions.
- Wire rope size, O.D. and length.
- Specify material and surface finish.

Example:

"Button for 1/8" wire rope and an after swage dimension of .75" O.D. and 2" long. Hot dip galvanized"

Common Terminology

THREADED STUDS

- Specify if you are giving before swage or after swage dimensions.
- Wire rope size, shank O.D., thread length, thread O.D., whether coarse or fine threads and if you need wrench flats – and where.
- Specify material and surface finish.
- Specify but and washer, if required.

Example:

"Threaded stud for 7/8" wire rope with an after swage O.D. of 1.75" and 5" of 1-3/4" National Course threads. Mechanical Zinc plated. Furnish one nut and one washer."

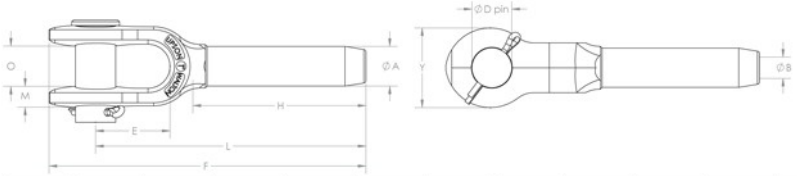
Muncy Specials “Cheat Sheet”

Muncy™ Industries

P.O Box 205, Muncy, PA 17756
Phone (570) 649-5188
Over 130 Years Serving the Wire Rope Industry

Machining Dimensions for Non-Standard Items
Open Swage Socket

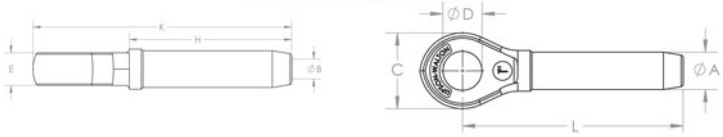
Customer Name: _____ Phone: _____
Contact Name: _____ Fax: _____
Quantity: _____ Material: _____



Rope Dia	A	B	D	Pin Length	E	F	H	L	M	O	Y

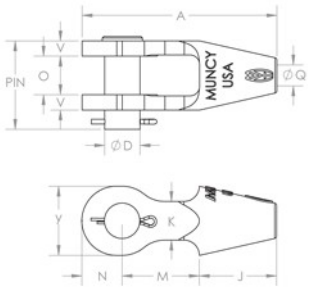
Pcs Required: _____ Date Required: _____

Closed Swage Socket



Rope Dia	A	B	C	D	E	H	K	L

Pcs Required: _____ Date Required: _____



Muncy ™ Spelter Sockets

Rope Dia.	
D	
J	
M	
N	
O	
Q	
V	

Pcs Required: _____
Date Required: _____

Fill in the blanks and fax to (570) 649-5850 for a quick quotation.

The Upson-Walton Company

P.O Box 205, Muncy, PA 17756-0205
Phone (570) 649-5188
Over 130 Years Serving the Wire Rope Industry

Machining Dimensions for Non-Standard Items
Open Swage Socket

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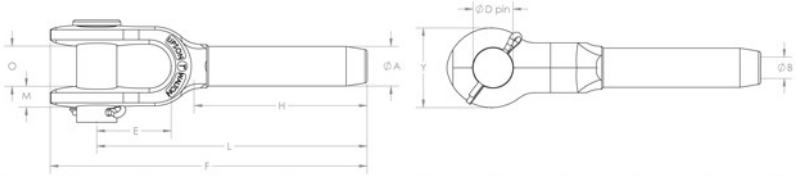
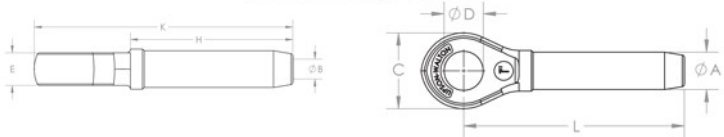


Rope Dia	A	B	D	Pin Length	E	F	H	L	M	O	Y

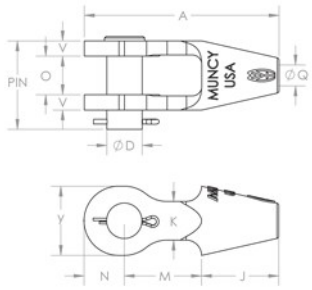
Pcs Required: _____ Date Required: _____

Closed Swage Socket



Rope Dia	A	B	C	D	E	H	K	L

Pcs Required: _____ Date Required: _____



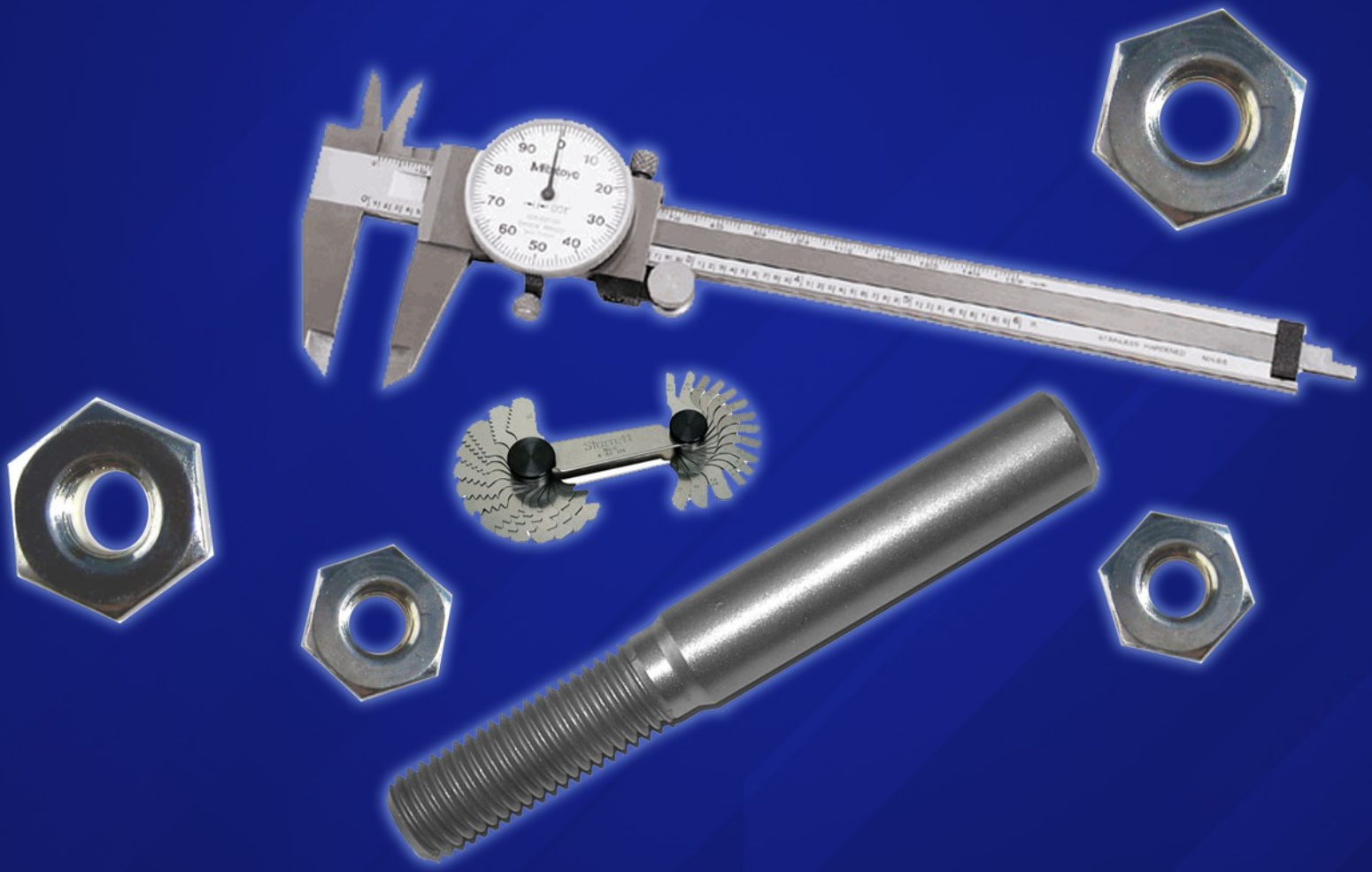
Muncy ™ Spelter Sockets

Rope Dia.	
D	
J	
M	
N	
O	
Q	
V	

Pcs Required: _____
Date Required: _____

Fill in the blanks and fax to (570) 649-5850 for a quick quotation.

Measuring in a Nut Shell

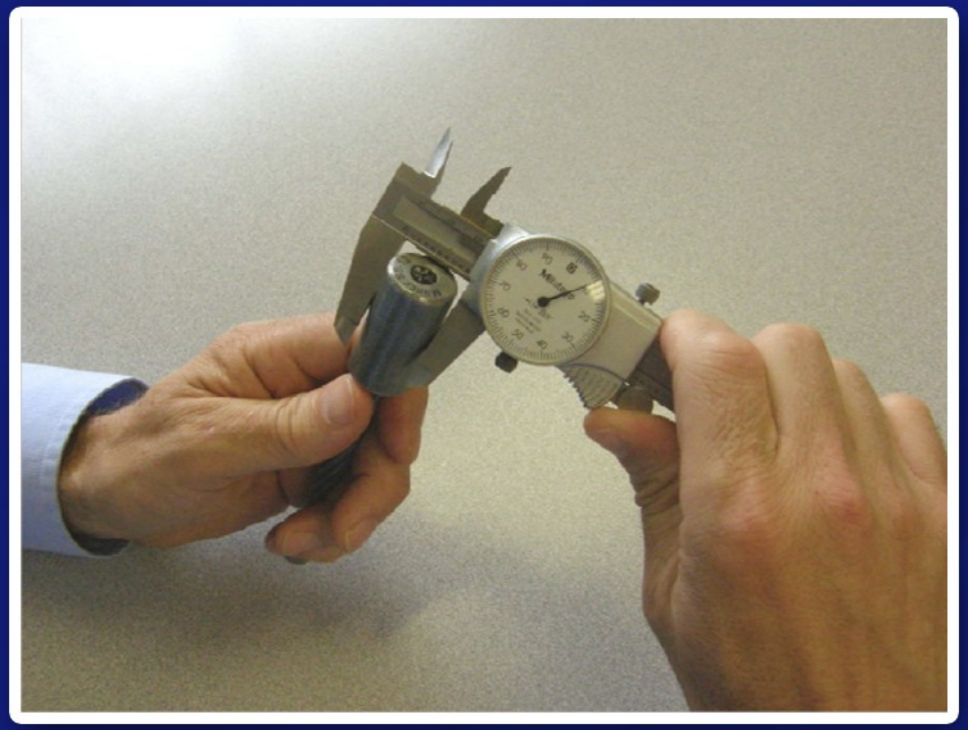


Calipers

Overview

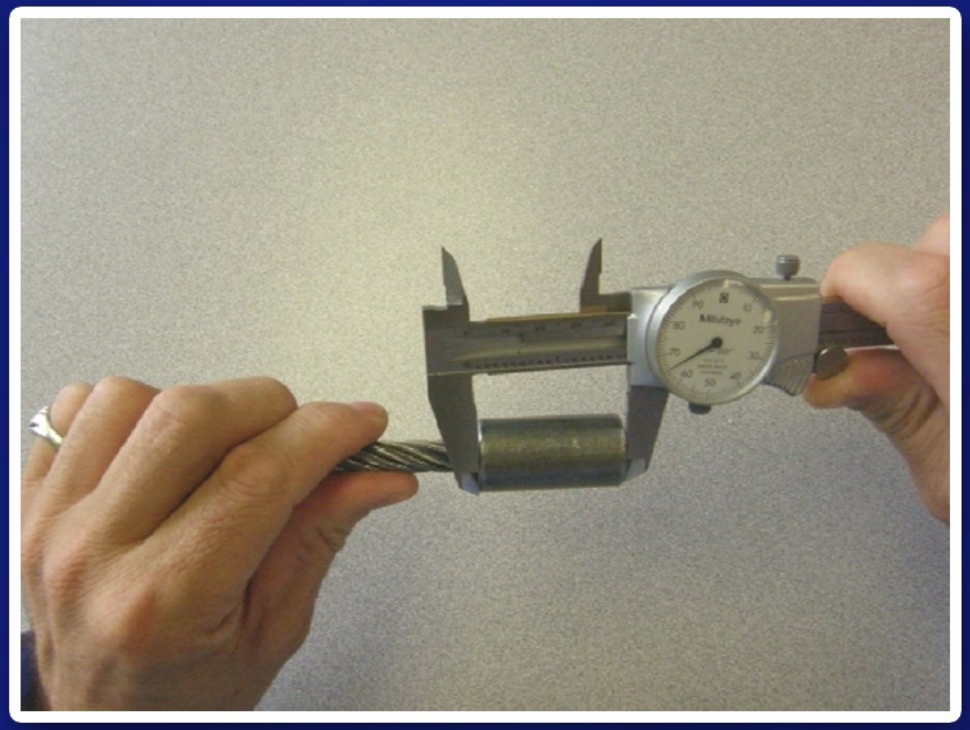
- Zeroing
- Calibrations
- Measure outside diameter.
- Measure inside diameter.
- Measure hole depths.

Measuring O.D.



Measure the O.D. taking an average to account for flashing from the swaging process.

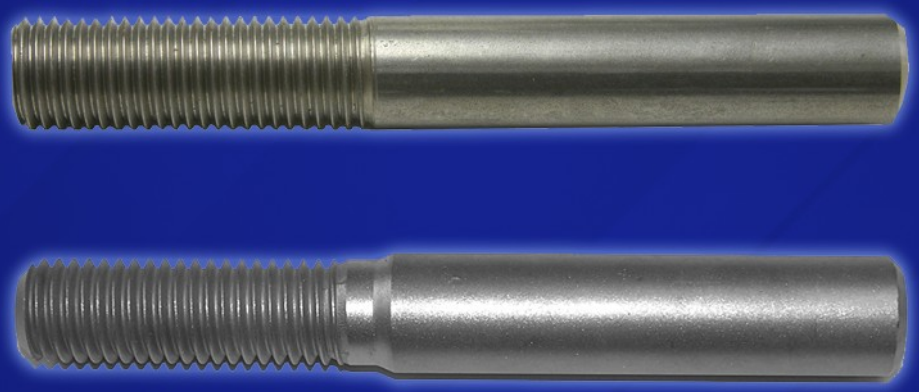
Measuring Length



Measure the O.D. taking an average to account for flashing from the swaging process.

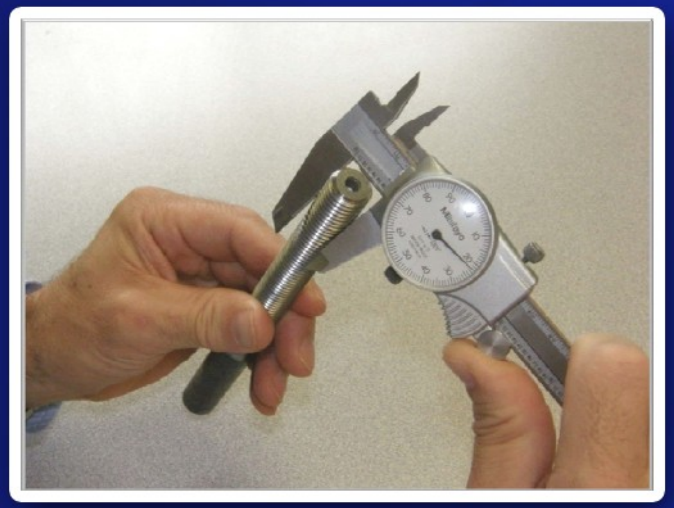
Measuring Thread

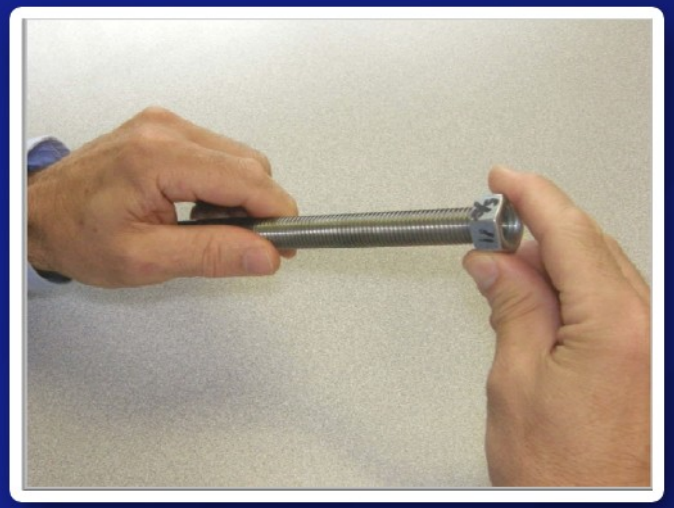
Overview



- Determining thread O.D.
- Determining thread Length
- Determining thread pitch. (National Coarse or Fine)

Measuring Thread

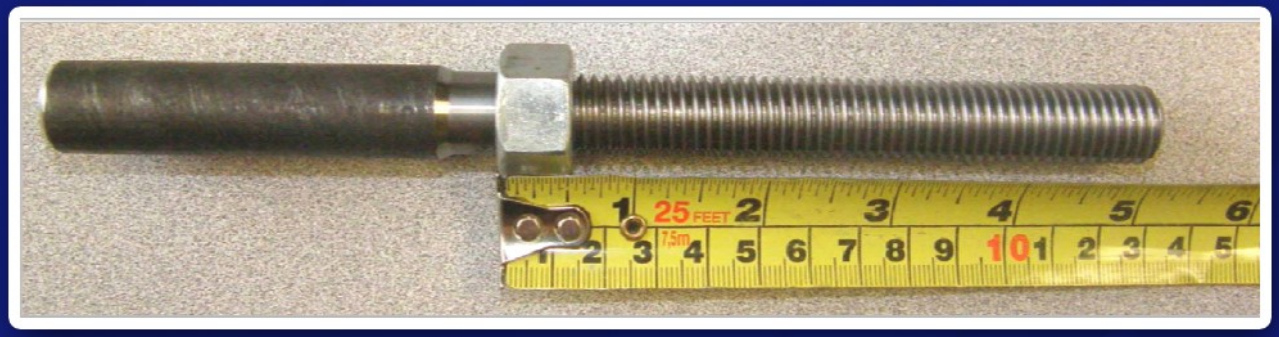




Measure thread outside diameter with caliper or with a nut that you know the size of.

Measuring Threads

THREAD LENGTH



Thread length is measured to the end of a nut that is secured all the way up the threaded stud.

Measuring Threads –

THREAD PITCH

- Thread pitch can be determined by using a pitch gage or with nuts that you know the size and pitch of.
- You can also measure a one inch section and count the number of threads.

Wrench Flats

Wrench Flats

AT THE NOSE

- Located at the nose of the fitting.
- Cheapest way to add a wrench flat.
- Wrench flat does not disappear when swaged.
- Avoids accidental thread damage on installation.
- Does not weaken the fitting.

Wrench Flats

BETWEEN THREADS AND SHANKS

- May degrade ultimate strength of stud.
- Accidental damage to threads on installation may occur.
- Wrench flats may distort or disappear during swaging.

Wrench Flats

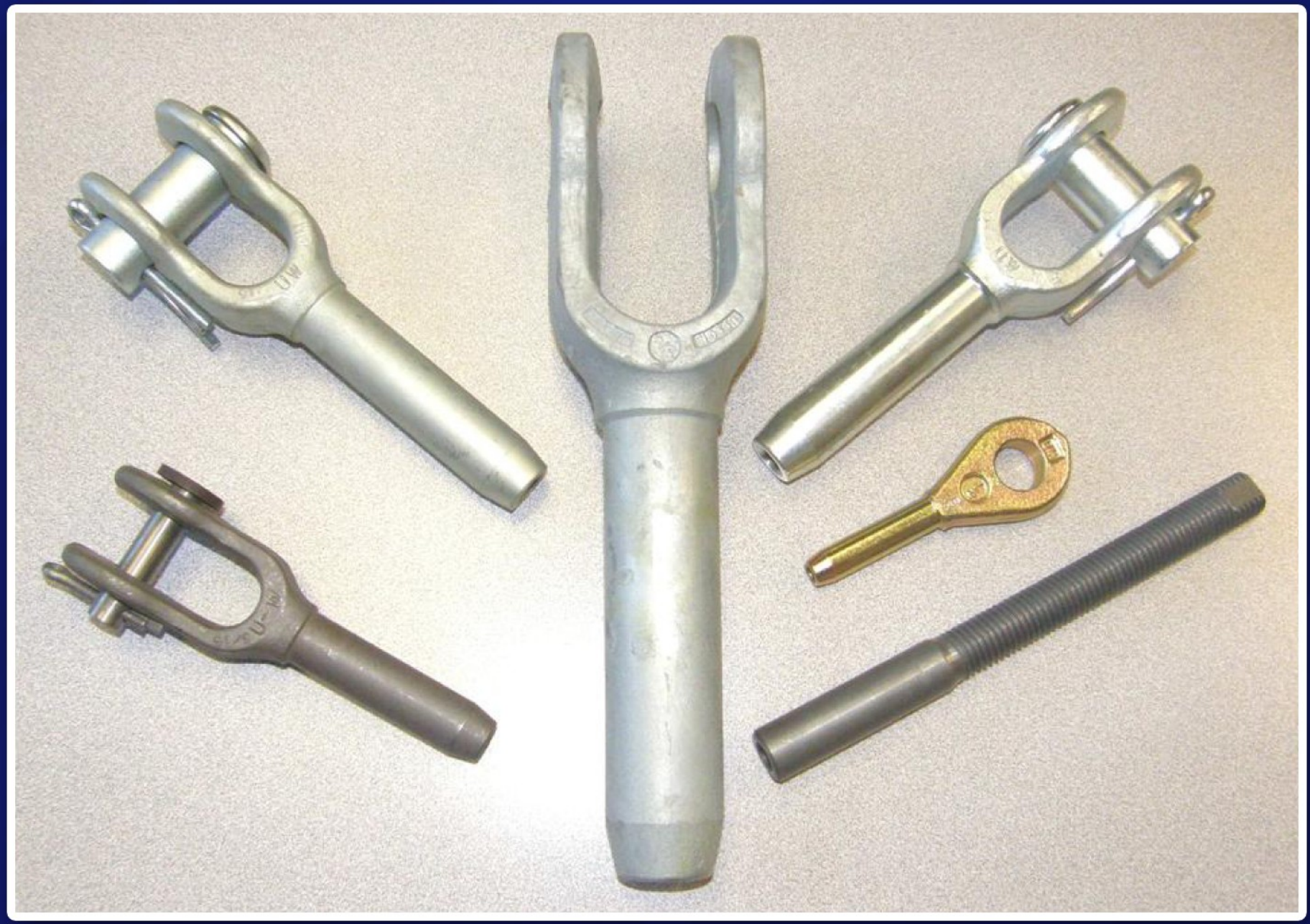
AT THE END OF THE THREADS

- Most costly way to add threads.
- Accidental damage to threads on installation.
- Will not distort or disappear during swaging.
- Threads at the wrench flat area have reduced tensile strength.

“Odd Ball” Applications

- Our niche is the “Odd Ball” fitting.
- We make to your specifications.
- We stock over 250 tons of steel.
- Our goal is to have your non-standard studs and buttons out the door in 2 – 4 working days.
- Specialty items not from bar-stock may take longer.

Surface Finishes



Surface Finishes

ELECTRO PLATED - CLEAR

- Shiny metallic finish.
- Rated to 12 hours in salt fog cabinet.
- Roughly 1 – 2 years of corrosion resistance.
- Does not alter dimensions.

Surface Finishes

ELECTRO PLATED – YELLOW CHROMATE

- Shiny metallic finish.
- Rated to 96 hours in salt fog cabinet.
- Does not alter dimensions.

Surface Finishes

CADMIUM PLATING

- Dull smooth metallic finish
- Rated to 244 hours in salt fog cabinet.
- Does not alter any dimensions.

Surface Finishes

HOT DIP GALVANIZED

- Dull, smooth, or rough metallic finish.
- Corrosion resistant for decades, 50 – 100 years is not uncommon.
- Depends on where the galvanized part is located (i.e. city, rural, submerged.)
- Slightly alters dimensions.


QUICK CHECK
DILLON
DILLON
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MUNCY
USA
MUNCY
USA
MUNCY USA
WSC-2
MUNCY USA
WLL 8 T

Thank you for your time.

Any questions?