

# CONTROL SYSTEM SUPPLIES



## AN100 CABLE THIMBLES

Made of cadmium plated steel or stainless steel per procurement specification MIL T-5677. Used to form sturdy eye end on control cable. Form cable around thimble and secure with Nicopress sleeve.

| Cadmium Plated Steel Thimbles |            |               | Cable Size  | Stainless Steel Thimbles |            |               |
|-------------------------------|------------|---------------|-------------|--------------------------|------------|---------------|
| AN Part No.                   | Price Each | Price Per 100 |             | AN Part No.              | Price Each | Price Per 100 |
| AN100-3                       | .          | .             | 1/16"       | AN100C-3                 | .          | .             |
| AN100-4                       | .          | .             | 3/32", 1/8" | AN100C-4                 | .          | .             |
| AN100-5                       | .          | .             | 5/32"       | AN100C-5                 | .          | .             |
| AN100-6                       | .          | .             | 3/16"       | AN100C-6                 | .          | .             |
| AN100-7                       | ---        | ---           | 7/32"       | AN100C-7                 | ---        | ---           |
| AN100-8                       | .          | .             | 1/4"        | AN100C-8                 | .          | .             |
| AN100-12                      | .          | .             | 3/8"        | AN100C-12                | .          | .             |



## AN111 CABLE BUSHINGS

Made of cadmium plated steel. Used in same manner as AN100 cable thimble.

| Dash No. | Cable Size   | Price Ea. | Dash No. | Cable Size | Price Ea. |
|----------|--------------|-----------|----------|------------|-----------|
| -3       | 1/16", 3/32" | .         | -5       | 5/32"      | .         |
| -4       | 1/8"         | .         | -6       | 3/16"      | .         |



## AN115 CABLE SHACKLES

Made of cadmium plated forged steel per specification MIL-S-5675.

| AN 115 Dash No. | Shackle Strength Lbs. | Cable Size  | Used With |            | Price Each |
|-----------------|-----------------------|-------------|-----------|------------|------------|
|                 |                       |             | Thimble   | Clevis Pin |            |
| -8              | 800                   | 1/16"       | AN100-3   | AN393-9    | .          |
| -21*            | 2100                  | 3/32", 1/8" | AN100-4   | AN393-11   | .          |
| -32             | 3200                  | 5/32"       | AN100-5   | AN394-15   | .          |
| -46             | 4600                  | 3/16"       | AN100-6   | AN395-17   | .          |

\*Replaces AN115 - 16. May be assorted.

## WIRE ROPE SLEEVES (MS51844)



Oval shaped copper sleeves used in making eye or lap splices in flexible cable. Sleeves are slipped over the two strands of cable to be fastened and are then compressed with special Nicopress hand squeezers. Provides a bond that is even stronger than a standard splice. "18" Series sleeves are plain copper and "28" Series sleeves are zinc plated.

| Part No    | Nicopress Ref. | Cable Dia. | Material /Finish | Price |     |
|------------|----------------|------------|------------------|-------|-----|
|            |                |            |                  | Each  | 100 |
| MS51844-42 | 18-1-C         | 1/16"      | Copper/Plain     | .     | .   |
| MS51844-43 | 18-2-G         | 3/32"      | Copper/Plain     | .     | .   |
| MS51844-44 | 18-3-M         | 1/8"       | Copper/Plain     | .     | .   |
| MS51844-45 | 18-4-P         | 5/32"      | Copper/Plain     | .     | .   |
| MS51844-46 | 18-6-X         | 3/16"      | Copper/Plain     | .     | .   |
| MS51844-22 | 28-1-C         | 1/16"      | Copper/Zinc      | .     | .   |
| MS51844-23 | 28-2-G         | 3/32"      | Copper/Zinc      | .     | .   |
| MS51844-24 | 28-3-M         | 1/8"       | Copper/Zinc      | .     | .   |
| MS51844-25 | 28-4-P         | 5/32"      | Copper/Zinc      | .     | .   |
| MS51844-26 | 28-6-X         | 3/16"      | Copper/Zinc      | .     | .   |

## STOP SLEEVES

These copper stop sleeves are used on the ends of bare cables.

| Cable Dia. | Model No. | Part No. | Price Ea. |
|------------|-----------|----------|-----------|
| 1/16"      | ST2-2     | 04-00899 | .         |
| 3/32"      | ST2-3     | 04-00901 | .         |
| 1/8"       | ST2-4     | 04-00902 | .         |
| 5/32"      | ST2-5     | 04-00903 | .         |
| 3/16"      | ST2-6     | 04-02061 | .         |



## NAS287 TERMINAL CHAIN

NAS287-25-3 3/32" cable size.....P/N 04-02064  
 NAS287-25-2 1/16" cable size.....P/N 04-02032  
 NAS287-35-4 1/8" cable size.....P/N 04-02065

## AN481 CLEVIS FORK ROD ENDS (MS27976)



Manufactured of 1035 or 1042 carbon steel and cadmium plated. Minimum tensile strength 65,000 PSI. For welding to steel tubing or riveting to aluminum tubing. All sizes fit inside of 3/8" O.D. x .035 wall steel tubing.

| Current Part No. | Old Part No. | Clevis Pin Hole Dia. | Fork Width |        | Price Each |
|------------------|--------------|----------------------|------------|--------|------------|
|                  |              |                      | Overall    | Inside |            |
| MS27976-1        | AN481-1P     | 1/4"                 | 1/2"       | 17/64" | .          |
| MS27976-2        | AN481-2P     | 1/4"                 | 5/16"      | 9/64"  | .          |
| MS27976-3        | AN481-3P     | 3/16"                | 1/2"       | 17/64" | .          |
| MS27976-4        | AN481-4P     | 3/16"                | 5/16"      | 9/64"  | .          |

## AN486 THREADED CLEVIS FORK ROD ENDS (MS27975)



These rods ends are machined from 1035 or 1042 carbon steel and cadmium plated. Minimum tensile strength 65,000 PSI. They are internally threaded 1/4"-28. Used for engine controls.

| Current Part No. | Old Part No.          | Clevis Pin Hole Dia. | Fork Width |        | Internal Thread | Price Each |
|------------------|-----------------------|----------------------|------------|--------|-----------------|------------|
|                  |                       |                      | Overall    | Inside |                 |            |
| MS27975-1        | AN486-1P              | 1/4"                 | 1/2"       | 17/64" | 1/4-28          | .          |
| MS27975-2        | AN486-2P              | 1/4"                 | 5/16"      | 9/64"  | 1/4-28          | .          |
| MS27975-3        | AN486-3P              | 3/16"                | 1/2"       | 17/64" | 1/4-28          | .          |
| MS27975-4        | AN486-4P              | 3/16"                | 5/16"      | 9/64"  | 1/4-28          | .          |
| 05-01437         | AN486-1032 Non-Plated | 3/16"                | 7/16"      | 3/16"  | 10-32           | .          |

## AN490 THREADED ROD ENDS



Manufactured of 4130 steel, heat-treated and cadmium plated. Minimum tensile strength 125,000 PSI. For welding to steel tubing or riveting to aluminum tubing.

| Part Number | Thread Size | Used With Tube Size | Price Each |
|-------------|-------------|---------------------|------------|
| AN490HT5P   | 1/4-28      | 5/16"x.035          | .          |
| AN490HT6P   | 1/4-28      | 3/8"x.035           | .          |
| AN490HT8P   | 1/4-28      | 1/2"x.035           | .          |
| AN490HT10P  | 5/16-24     | 5/8"x.035           | .          |
| AN490HT11P  | 5/16-24     | 3/4"x.035           | .          |
| AN490HT14P  | 3/8-24      | 3/4" x .035         | .          |
| AN490HT15P  | 5/16-24     | 1/2"x.058           | .          |
| AN490HT16P  | 3/8-24      | 1/2"x.058           | .          |

## AN665 THREADED CLEVIS TIE ROD TERMINALS



These Zinc plated steel terminals are manufactured to AN specifications, with either right-hand or left-hand threads. Example: P/N AN665-10L has a 6-40 left-hand thread.

AN665-34R has a 1/4-28 right-hand thread. Order Terminal Assemblies if locknut, clevis pin, and cotter pin are required along with terminal. Otherwise, only terminals are supplied.

\*Note - Cad Plated Terminals are no longer being manufactured due to environmental reasons. Once the cad plated stock is depleted the zinc plated terminals will be shipped. Please note that we cannot guarantee cad plated terminals will be received.

| Dash No. | Right Hand | Left Hand | Thread Size | Fork Pin Hole Dia. | Inside Width | Strength (Lbs.) | Rt. only Price Ea. | Lt. only Price Ea. |
|----------|------------|-----------|-------------|--------------------|--------------|-----------------|--------------------|--------------------|
|          |            |           |             |                    |              |                 |                    |                    |
| -10R     | -10L       | 6-40      | .190"       | .109"              | 1200         | .               | .                  | .                  |
| -21R     | -21L       | 10-32     | .190"       | .150"              | 2400         | .               | .                  | .                  |
| -34R     | -34L       | 1/4-28    | .250"       | .203"              | 4200         | .               | .                  | .                  |
| -46R     | -46L       | 5/16-24   | .313"       | .203"              | 4600         | .               | .                  | .                  |
| -61R     | -61L       | 5/16-24   | .375"       | .203"              | 6900         | .               | .                  | .                  |
| -80R     | -80L       | 3/8-24    | .375"       | .266"              | 10000        | .               | .                  | .                  |

## AN665 TERMINAL ASSEMBLIES

These terminal assemblies include the AN665 terminals plus the appropriate lock nut, clevis pin, and cotter pin.

| Description | Part No. | Price | Description | Part No. | Price |
|-------------|----------|-------|-------------|----------|-------|
| AN665-10R   | 05-02300 | .     | AN665-10L   | 05-02400 | .     |
| AN665-21R   | 05-02500 | .     | AN665-21L   | 05-02600 | .     |
| AN665-34R   | 05-02700 | .     | AN665-34L   | 05-02800 | .     |
| AN665-46R   | 05-02900 | .     | AN665-46L   | 05-03000 | .     |
| AN665-61R   | 05-03100 | .     | AN665-61L   | 05-03200 | .     |
| AN665-80R   | 05-03300 | .     | AN665-80L   | 05-03400 | .     |