# Guaranteed Tough Since 1890

B

# 2021 EDITION POF PRODUCT CATALOC WWW.SKOOKUMTOUGH.COM



# Skookum Tough Since 1890

Skookum is a Chinook word with many meanings:

Strong. Best. Powerful. Brave. Hardworking. Tough.

It was the northwest loggers who gave the name to Skookum products for their unfailing dependability and rugged strength.

From this rough and tumble start in 1890, Skookum has remained a leader in the industry with an unwavering commitment to quality, strength and innovation for over 120 years.



# Part of Our History and Future

Skookum has not only been made in U.S.A. since it's beginnings in 1890, it has been a part of American history as well. We have participated in salvage operations at Pearl Harbor, the construction of Grand Coulee Dam, and building the BART in San Francisco. Having already been a part of history, our promise is to lead the way in the development of advanced rigging products with incredible strength and durability to be worthy of the name Skookum.

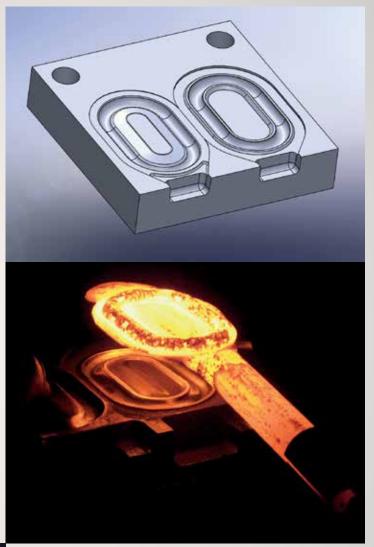


- Closed Die Forging
- Superior grain refinement & orientation
- Exceptional strength
- Enhanced mechanical properties
- Superior surface finish
- Structural uniformity
- Statistically repeatable dimensions



# State of the Art Engineering

- 3D Solid Modeling Employed in Every Design
- Analytical Forge Die Design using Plastic Deformation Modeling
- Forging Dies are CNC manufactured to drive exceptional consistency and maximize quality
- Every theoretical design is validated with destructive testing
- Quality plan defined through the process to ensure consistent quality
- Rapid design and prototyping capability to meet or exceed short cycle custom customer needs





# **Robotic Welding**

- Dramatically improves weld quality and and consistency/repeatability
- Final cap weld eliminates the need for hand finishing of welds
- Greater process reliability and manufacturing flexibility
- Exceptional part quality
- Reduced cycle times



#### **BLOCK PRODUCTS**

| Lightweight Snatch Block                            | 10-11 |
|---|-------|
| Alloy Snatch Block                                  | 12-13 |
| Half Sided Block A Series                           |       |
| Full Sided Block A Series                           |       |
| Snatch Lock Full Sided Block S Series               |       |
| Utili-Sheave Full-Sided Blocks R Series             |       |
| Wide Throat & Utili-Sheave Blocks Extended R Series |       |
| Half Sided Block 400 Series                         |       |
| Half Sided Block T Series                           |       |
| Half-Sided and Full-Sided Blocks 2200 Series        |       |
| Full-Sided Blocks 300/2000/2600 Series              |       |
| Aluminum Utili-Sheave Block                         | 32-33 |
| Half Sided Block Ropemaster Series                  |       |
| Full Sided Block Ropemaster Series                  |       |
| Skookum Trawl Block Series                          |       |
| Trawl Half-Side Block BCM Series                    | 40-41 |
| Trawl Full-Sided Block BCM Series                   | 42-43 |
| Wide Try Net  | 44-45 |
| Outrigger Blocks                                    | 46-47 |

#### SHEAVE PRODUCTS

| Manganese and Cast Steel |
|--------------------------|
|--------------------------|

#### **FAIRLEADS PRODUCTS**

| Balanced Head Fairleads Single Sheave - Flange Mounted   | 53 |
|--|----|
| Balanced Head Fairleads Single Sheave - Deck Mounted     | 54 |
| Balanced Head Fairleads Double Sheave - Flange Mounted   | 55 |
| Unbalanced Head Fairleads Single Sheave - Flange Mounted | 56 |
| Vertical Lead Sheaves Weld-Down or Bolt-Down Bases       | 57 |
| Horizontal Lead Sheaves Weld-Down or Bolt-Down Bases     | 58 |
| Horizontal Deck Sheaves '0' and 'R' Style                | 59 |
| Roller Fairleads Bolt-Down Style                         | 60 |
|  |    |



# **GENERAL INDEX**

#### SHACKLE PRODUCTS

| Mandel Fairlead Shackle               | 63    |
|---------------------------------------|-------|
| SmartShackle Series                   | 64-65 |
| Alloy Chain Shackle                   | 66    |
| Alloy Anchor Shackle                  | 67    |
| Sheet Pile Shackle and Ground Release | 68-69 |

#### LINK PRODUCTS

| Masterlink              | 72 |
|-------------------------|----|
| Pear Link               |    |
| Masterlink Sub Assembly | 74 |
| Pear Link Sub Assembly  | 75 |

#### **FORESTY PRODUCTS**

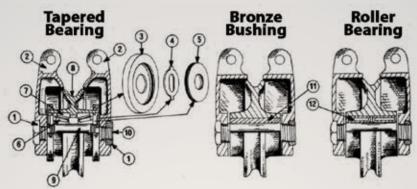
#### **RAILROAD & CONSTRUCTION**

| Car Wheel Hook, Car Puller Hook, Manhole Pins | 88    |
|---|-------|
| MAINTENANCE & WARNINGS                        | 89-91 |
| METRIC/DECIMAL EQUIVALENTS                    | 92    |
| WARRANTY                                      | 93    |

# **Blocks Products**



# **INSIDE SKOOKUM BLOCKS**



- 1. SHEAVE PIN NUT: There is one on each end of the sheave pin. These nuts are a primary element of the block and hold the assembly together
- 2. BLOCK SIDE: The two block sides comprise the main frame of the block assembly. Their shape and weight are critical factors in how a block performs its functions. Made of cast alloy steel or plate alloy steel with special alloys employed for special requirements
- 3. OPTIONAL SANDSEAL: Keeps contamination out of the bearing in underwater use. Special order item only
- 4. **RETAINER LOCK:** The oblong hole of the retainer lock connects to a corresponding flange on the sheave pin. When in place, the tabs on the outer edge engage with the adjustable bearing retainer
- 5. ADJUSTABLE BEARING RETAINER: a grooved disk with rubberized composite material designed to keep the bearing cones tight against the bearing cups. Also provides an effective grease seal for the bearing assembly
- 6. BEARING CONE: The inner race of each roller bearing assembly.
- 7. BEARING CUP: The outer race of each roller bearing assembly.
- 8. SHEAVE: Made from manganese or alloy steel.
- 9. SHEAVE PIN: The precision machined axle on which the sheave rotates.
- 10. GREASE HOLE: The sheave pin is bored through the center, intersecting with a cross-hole that channels grease directly to the bearing assembly. Screw plugs seal the grease hole during use.
- 11. BRONZE BUSHING: Precision-machined bronze bushing is held in the hub of the sheave with a tight press-fit assembly process. It rotates directly on the sheave pin surface that has been ground and polished for minimal friction.
- 12. ROLLER BEARINGS: Feature double rows of low friction roller bearings either straight or tapered.

Common Abbreviations and References:

#### **BEARING TYPES:**

#### DIMENSIONS:

| BB – Bronze Bushing           | All sizes are shown in Inches unless specified           |
|-------------------------------|--|
| RB – Roller Bearings          | All weights are shown in Pounds or Tons unless specified |
| TRB – Tapered Roller Bearings | Tons = 2,000lbs  |
|                               | WLL = Working Load Limit                                 |
|                               |  |

**INDUSTRY ICONS** on each are intended as a guide for the common usage and applications for each category of blocks:









ATTACHMENTS ICONS are intended as a quick reference guide for the various configurations available for each category of blocks:









www.SkookumTough.com



# Skookum Block Reference Guide Working Load Limit

| MODEL NAME         | DESCRIPTION              | DIA<br>(IN) | BEARING | TAILBOARD<br>Part | REGULAR<br>Yoke Part | SWIVEL<br>HOOK PART | SWIVEL<br>Shackle/<br>Eye part | WIRE ROPE<br>MIN<br>(IN) | WIRE ROPE<br>Max<br>(IN) | WLL   | PAGE |
|--------------------|--------------------------|-------------|---------|-------------------|----------------------|---------------------|--------------------------------|--------------------------|--------------------------|-------|------|
|                    |                          |             |         | 3 to 4 Ton WLL    |                      |                     |                                |                          |                          |       |      |
| SK-4               | Aluminum Utili-Sheave    | 4           | BB      | -                 | 191114               | 191214              | 191314                         | 1/4                      | 3/8                      | 3.0   | 32   |
| SK-4M              | Aluminum Utili-Sheave    | 4           | BB      | -                 | 191114M              | 191214M             | 191314M                        | 1/4                      | 3/8                      | 3.0   | 32   |
| SK-4R              | Aluminum Utili-Sheave    | 4           | RB      | -                 | 191104               | 191204              | 191304                         | 1/4                      | 3/8                      | 3.0   | 32   |
| SK-4RM             | Aluminum Utili-Sheave    | 4           | RB      | -                 | 191104M              | 191204M             | 191304M                        | 1/4                      | 3/8                      | 3.0   | 32   |
| S-4                | Snatch Lock Full Sided   | 4           | BB      | -                 | -                    | 749501              | 749502                         | 1/4                      | 3/8                      | 3.0   | 18   |
| S-4R               | Snatch Lock Full Sided   | 4           | RB      | -                 | -                    | 749601              | 749602                         | 1/4                      | 3/8                      | 3.0   | 18   |
| BCM OR 6" 1 sheave | Outrigger                | 6           | BB      | -                 | _                    | -                   | 305100                         | 7/16                     | 1/2                      | 3.0   | 46   |
| BCM OR 6" 2 sheave | Outrigger                | 6           | BB      | -                 | -                    | -                   | 305000                         | 7/16                     | 1/2                      | 3.0   | 46   |
| 6                  | Full Sided               | 6           | TRB     | -                 | 200200               | 200203              | 200204                         | 3/8                      | 1/2                      | 3.3   | 36   |
| 62-S               | Full Sided               | 6           | TRB     | -                 | 203600               | 203603              | 203604                         | 3/8                      | 1/2                      | 3.8   | 46   |
| 82-S               | Full Sided               | 8           | TRB     | -                 | 203000               | 203003              | 204804                         | 3/8                      | 1/2                      | 3.8   | 46   |
| 64                 | Full Sided               | 6           | TRB     | -                 | -                    | 204003              | 204004                         | 3/8                      | 1/2                      | 3.8   | 40   |
| 4" 4T              |                          |             |         |                   |                      |                     |                                |                          |                          |       |      |
| 4" 41              | Alloy Snatch             | 4           | BB      | 1000135           | -                    | 1000136             | 1000137                        | 3/8                      | 1/2                      | 4.0   | 12   |
|                    |                          | 1           |         | 5 to 8 Ton WLL    |                      | I                   |                                |                          |                          |       |      |
| A-4RT              | Full Sided               | 4           | RB      | -                 | 680300               | 680301              | 680302                         | 1/4                      | 3/8                      | 5.00  | 16   |
| R-4                | Utili-Sheave Full Sided  | 4           | RB      | -                 | 565303               | -                   | -                              | 1/4                      | 3/8                      | 5.00  | 20   |
| A-4                | Half Sided               | 4           | BB      | -                 | 564000               | 564001              | 564002                         | 1/4                      | 3/8                      | 5.00  | 14   |
| A-4R               | Half Sided               | 4           | RB      | -                 | 563400               | 563401              | 563402                         | 1/4                      | 3/8                      | 5.00  | 14   |
| A-4T               | Full Sided               | 4           | BB      | -                 | 666400               | 666401              | 666402                         | 1/4                      | 3/8                      | 5.00  | 16   |
| BCM6               | Try Net                  | 6           | BB      | -                 | -                    | -                   | 307797                         | -                        | -                        | 5.00  | 40   |
| BCM FB             | Wide Try Net             | 6           | BB      | -                 | -                    | -                   | 307700                         | -                        | -                        | 5.00  | 44   |
| 6" 6T              | Lightweight Snatch Block | 6           | BB      | -                 | -                    | 1007113             | -                              | 7/16                     | 1/3                      | 6     | 10   |
| 106                | Half Sided               | 6           | TRB     | -                 | 205600               | 205602              | 205601                         | 3/8                      | 1/2                      | 6.25  | 34   |
| 108RA              | Half Sided               | 8           | TRB     | -                 | 205800A              | 205801A             | 205802A                        | 1/2                      | 5/8                      | 6.25  | 34   |
| A-6R               | Half Sided               | 6           | RB      | -                 | 563500               | 563501              | 563502                         | 3/8                      | 1/2                      | 6.50  | 14   |
| A-6RT              | Full Sided               | 6           | RB      | -                 | 680600               | 680601              | 680602                         | 3/8                      | 1/2                      | 6.50  | 16   |
| S-6                | Snatch Lock Full Sided   | 6           | BB      | _                 | -                    | 563001              | 563002                         | 3/8                      | 1/2                      | 6.50  | 18   |
| S-6R               | Snatch Lock Full Sided   | 6           | RB      | -                 |                      | 562601              | 562602                         | 3/8                      | 1/2                      | 6.50  | 18   |
|                    |                          | 8           |         |                   | -                    |                     |                                | 1/2                      |                          |       | 14   |
| A-8R               | Half Sided               | -           | RB      | -                 | 563600               | 563602              | 563602                         |                          | 5/8                      | 6.50  |      |
| A-8RT              | Full Sided               | 8           | RB      | -                 | 680900               | 680901              | 680902                         | 1/2                      | 5/8                      | 6.50  | 16   |
| S-8R               | Snatch Lock Full Sided   | 8           | RB      | -                 | -                    | 562701              | 562702                         | 1/2                      | 5/8                      | 6.50  | 18   |
| A-10R              | Half Sided               | 10          | RB      | -                 | 563700               | 563701              | 563702                         | 5/8                      | 3/4                      | 6.50  | 14   |
| A-10RT             | Full Sided               | 10          | RB      | -                 | 563800               | 563801              | 563802                         | 5/8                      | 3/4                      | 6.50  | 16   |
| S-10R              | Snatch Lock Full Sided   | 10          | RB      | -                 | -                    | 562901              | 562902                         | 5/8                      | 3/4                      | 6.50  | 18   |
| A-6                | Half Sided               | 6           | BB      | -                 | 564100               | 564101              | 564102                         | 3/8                      | 1/2                      | 7.00  | 14   |
| A-6T               | Full Sided               | 6           | BB      | -                 | 679700               | 679701              | 679702                         | 3/8                      | 1/2                      | 7.00  | 16   |
| TR-6A              | Wide Throat Full Sided   | 6           | TRB     | -                 | 571600               | -                   | 571602                         | 3/8                      | 1/2                      | 7.00  | 22   |
| S-8                | Snatch Lock Full Sided   | 8           | BB      | -                 | -                    | 563101              | 563102                         | 1/2                      | 5/8                      | 7.00  | 18   |
| S-10               | Snatch Lock Full Sided   | 10          | BB      | -                 | -                    | 563301              | 563302                         | 5/8                      | 3/4                      | 7.00  | 18   |
| R-6                | Utili-Sheave Full Sided  | 6           | TRB     | -                 | 551100               | -                   | -                              | 3/8                      | 1/2                      | 8.00  | 2    |
| A-8                | Half Sided               | 8           | BB      | -                 | 564200               | 564201              | 564202                         | 1/2                      | 5/8                      | 8.00  | 14   |
| A-8T               | Full Sided               | 8           | BB      | -                 | 680000               | 680001              | 680002                         | 1/2                      | 5/8                      | 8.00  | 1    |
| R-8                | Utili-Sheave Full Sided  | 8           | TRB     | -                 | 557700               | 000001              | 00002                          | 1/2                      | 5/8                      | 8.00  | 2    |
|                    |                          | -           |         |                   |                      | -<br>EE7001         | -                              |                          |                          |       |      |
| T-8                | Half Sided               | 8           | TRB     | -                 | 557903               | 557901              | 557902                         | 1/2                      | 5/8                      | 8.00  | 2    |
| 110RA              | Half Sided               | 10          | TRB     | -                 | 206000A              | 206001A             | 206002A                        | 1/2                      | 5/8                      | 8.00  | 3    |
| 112RA              | Half Sided               | 12          | TRB     | -                 | 206200A              | 206201A             | 206202A                        | 1/2                      | 5/8                      | 8.00  | 3    |
| 6" 8T              | Alloy Snatch             | 6           | BB      | 1000141           | -                    | 1000142             | 1000143                        | 5/8                      | 3/4                      | 8.00  | 1    |
| 8" 8T              | Alloy Snatch             | 8           | BB      | 1000144           | -                    | 1000145             | 1000146                        | 5/8                      | 3/4                      | 8.00  | 1:   |
| 10" 8T             | Alloy Snatch             | 10          | BB      | 1000150           | -                    | 1000151             | 1000152                        | 5/8                      | 3/4                      | 8.00  | 12   |
| A-10               | Half Sided               | 10          | BB      | -                 | 564300               | 564301              | 564302                         | 5/8                      | 3/4                      | 8.00  | 1    |
| A-10T              | Full Sided               | 10          | BB      | -                 | 564400               | 564401              | 564402                         | 5/8                      | 3/4                      | 8.00  | 1    |
| T-10S              | Half Sided               | 10          | TRB     | -                 | 558003               | 558001              | 558002                         | 5/8                      | 3/4                      | 8.00  | 2    |
|                    |                          |             |         | 9 to 15 Ton WLI   |                      |                     |                                |                          |                          |       |      |
| R-10               | Utili-Sheave Full Sided  | 10          | TRB     | _                 | 557800               | -                   | -                              | 1/2                      | 5/8                      | 9.00  | 2    |
| 808                | Utili-Sheave Full Sided  | 8           | TRB     | _                 | 799400               | 799401              | 799402                         | 1/2                      | 5/8                      | 10.00 | 2    |
|                    | Trawl                    | 10          | TRB     | -                 | 733400               | 755401              | 560110                         | -                        |                          | 10.00 | 3    |
|                    |                          |             |         |                   |                      |                     |                                |                          |                          |       |      |
| BCM8               | Try Net                  | 8           | RB      | -                 | -                    | -                   | 307800                         | -                        | -                        | 10.00 | 4    |
| BCM12              | Trawl                    | 12          | TRB     | -                 | -                    | -                   | 307912                         | -                        | -                        | 10.00 | 4    |
| BCM12FS            | Trawl                    | 12          | TRB     | -                 | -                    | -                   | 307912T                        | -                        | -                        | 10.00 | 4:   |
| BCM SFB            | Wide Try Net             | 6           | BB      | -                 | -                    | -                   | 308800                         | -                        | -                        | 10.00 | 4    |

**BB – BRONZE BUSHING** 

**RB – ROLLER BEARINGS** 

**TRB – TAPERED ROLLER BEARINGS** 



# Skookum Block Reference Guide Working Load Limit

| MODEL NAME  | DESCRIPTION              | DIA<br>(IN) | BEARING | tailboard<br>Part | REGULAR<br>Yoke Part | SWIVEL<br>HOOK PART | SWIVEL<br>Shackle/<br>Eye part | WIRE ROPE<br>MIN<br>(IN) | WIRE ROPE<br>MAX<br>(IN) | WLL   | P |
|-------------|--------------------------|-------------|---------|-------------------|----------------------|---------------------|--------------------------------|--------------------------|--------------------------|-------|---|
|             |                          |             |         | 9 to 15 Ton WL    |                      |                     |                                |                          |                          |       |   |
| 6" 10T      | Lightweight Snatch Block | 6           | BB      |                   |                      | 100712              |                                | 5/8                      | 3/4                      | 8     |   |
| 8" 10T      | Lightweight Snatch Block | 8           | BB      |                   |                      | 100711              |                                | 5/8                      | 3/4                      | 10    |   |
| 410-A       | Half Sided               | 10          | TRB     |                   | 553303               |                     | 553302                         | 5/8                      | 3/4                      | 12.50 |   |
| A-12R       | Half Sided               | 12          | RB      |                   | 676400               |                     | 676402                         | 3/4                      | 7/8                      | 12.50 |   |
| A-12RT      | Full Sided               | 12          | RB      |                   | 571100               |                     | 571102                         | 3/4                      | 7/8                      | 12.50 |   |
| 308         | Full Sided               | 8           | BB      |                   | 790900               |                     |                                | 7/8                      | 1                        | 13.00 |   |
| A-12        | Half Sided               | 12          | BB      |                   | 658300               |                     | 658302                         | 3/4                      | 7/8                      | 13.50 |   |
| A-12T       | Full Sided               | 12          | BB      |                   | 564500               |                     | 564502                         | 3/4                      | 7/8                      | 13.50 | 1 |
| 10" 15T     | Lightweight Snatch Block | 8           | BB      |                   |                      | 1006391             |                                | 3/4                      | 7/8                      | 15    |   |
| 513A        | Half Sided               | 13          | TRB     |                   | 210001               |                     | 210002                         | 3/8                      | 1/2                      | 15.00 |   |
| 8" 15T      | Alloy Snatch             | 8           | BB      | 1000187           |                      | 1000700             | 1000703                        | 3/4                      | 7/8                      | 15.00 |   |
| 10" 15T     | Alloy Snatch             | 10          | BB      | 1000340           |                      | 1000341             | 1000342                        | 3/4                      | 7/8                      | 15.00 | 1 |
| 210TR       | Half Sided               | 10          | TRB     |                   | 206400               | 206401              | 206402                         | 3/4                      | 7/8                      | 15.00 |   |
| 212TR       |                          | 10          | TRB     |                   | 206800               | 206801              | 206802                         | 3/4                      | 7/8                      | 15.00 |   |
|             | Half Sided               |             |         |                   |                      |                     |                                | 1                        |                          |       | - |
| 515A        | Half Sided               | 15          | TRB     |                   | 210201               |                     | 210202                         | 7/8                      | 1                        | 15.00 |   |
| 508         | Utili-Sheave Full Sided  | 8           | TRB     |                   | 209600               |                     |                                | 1                        | 1 1/8                    | 15.00 |   |
|             | 1                        |             | 1       | 17 to 22 Ton WL   | 1                    | 1                   | r                              |                          |                          |       | _ |
| 412-A       | Half Sided               | 12          | TRB     |                   | 558203               |                     | 558202                         | 3/4                      | 7/8                      | 17.50 |   |
| 414-A       | Half Sided               | 14          | TRB     |                   | 558303               |                     | 558302                         | 3/4                      | 7/8                      | 17.50 |   |
| 416-A       | Half Sided               | 16          | TRB     |                   | 558403               |                     | 558402                         | 3/4                      | 7/8                      | 17.50 |   |
| 416-T       | Full Sided               | 16          | TRB     |                   | 573503               |                     | 573502                         | 3/4                      | 7/8                      | 17.50 |   |
| 418-A       | Half Sided               | 18          | TRB     |                   | 558503               |                     | 558502                         | 7/8                      | 1                        | 17.50 |   |
| 414-T       | Full Sided               | 14          | TRB     |                   | 573403               |                     | 573402                         | 7/8                      | 1                        | 17.50 |   |
| 1010        | Half Sided               | 10          | TRB     |                   | 553703               |                     | 553702                         | 7/8                      | 1                        | 17.50 |   |
| 510         | Half Sided               | 10          | BB      |                   | 565003               |                     | 565002                         | 7/8                      | 1                        | 17.50 |   |
|             |                          |             |         |                   |                      |                     |                                | -                        |                          |       |   |
| 512         | Half Sided               | 12          | BB      |                   | 565103               |                     | 565102                         | 7/8                      | 1                        | 17.50 |   |
| 8" 20T      | Alloy Snatch             | 8           | BB      | 1000710           |                      | 1000711             | 1000712                        | 1                        | 1 1/8                    | 20.00 |   |
| 10" 20T     | Alloy Snatch             | 10          | BB      | 1000807           |                      | 1000808             | 1000809                        | 1                        | 1 1/8                    | 20.00 |   |
| BCM16       | Trawl                    | 16          | TRB     |                   |                      |                     | 308357                         |                          |                          | 20.00 |   |
| BCM18       | Trawl                    | 18          | TRB     |                   |                      |                     | 308369                         |                          |                          | 20.00 |   |
| BCM16FS     | Trawl                    | 16          | TRB     |                   |                      |                     | 308357T                        |                          |                          | 20.00 |   |
| BCM18FS 20T | Trawl                    | 18          | TRB     |                   |                      |                     | 308369T                        |                          |                          | 20.00 |   |
| BCM16 EWS   | Wide Trawl               | 16          | TRB     |                   |                      |                     | 308357W                        |                          |                          | 20.00 |   |
| BCM16FS EWS | Wide Trawl               | 16          | TRB     |                   |                      |                     | 308357TW                       |                          |                          | 20.00 |   |
| 310         | Full Sided               | 10          | BB      |                   | 791600               |                     |                                | 1 1/8                    | 1 1/4                    | 20.50 |   |
| 2210A       | Half Sided               | 10          | TRB     |                   | 555003               |                     | 555002                         | 7/8                      | 1                        | 21.50 |   |
| 22104       | Half Sided               | 12          | TRB     |                   |                      |                     |                                | 1 1/8                    | 1 1/4                    | 22.00 | - |
|             |                          |             |         |                   | 558603               |                     | 558602                         | 1                        |                          |       |   |
| 2214        | Half Sided               | 14          | TRB     |                   | 558703               |                     | 558702                         | 1 1/8                    | 1 1/4                    | 22.00 |   |
|             | 1                        |             |         | 23 to 30 Ton WL   | 1                    |                     |                                |                          | · · · · · ·              |       |   |
| 312         | Full Sided               | 12          | BB      |                   | 792200               |                     |                                | 1 1/4                    | 1 3/8                    | 23.00 |   |
| TM-10       | Utili-Sheave Full Sided  | 10          | TRB     |                   | 108500               |                     |                                | 1                        | 1 1/4                    | 25.00 |   |
| 2216WA      | Utili-Sheave Full Sided  | 16          | TRB     |                   | 560300               |                     |                                | 1 1/8                    | 1 1/4                    | 25.00 |   |
| 2216B       | Half Sided               | 16          | TRB     |                   | 558853               |                     | 558852                         | 1 1/8                    | 1 1/4                    | 25.00 |   |
| TB16W       | Trawl                    | 16          | TRB     |                   |                      |                     | 560100                         |                          |                          | 25.00 | 1 |
| BCM18FS 25T | Trawl                    | 18          | TRB     |                   |                      |                     | 308870T                        |                          |                          | 25.00 |   |
| 2220        | Half Sided               | 20          | TRB     |                   | 715003               |                     | 715002                         | 1                        | 1 1/8                    | 27.50 |   |
| BML12       | Full Sided               | 12          | TRB     |                   | 625008.01            |                     |                                | 1 1/8                    | 1 1/4                    | 27.50 |   |
|             |                          |             |         |                   |                      |                     |                                |                          |                          |       | - |
| 2222        | Half Sided               | 22          | TRB     |                   | 711603               |                     | 711602                         | 1 1/8                    | 1 1/4                    | 29.00 | - |
| 2216HD      | Full Sided               | 16          | TRB     |                   | 558804               |                     |                                | 1                        | 1 1/8                    | 30.00 |   |
| 2218HD      | Full Sided               | 18          | TRB     |                   | 558904               |                     |                                | 1 1/8                    | 1 1/4                    | 30.00 |   |
| BCM20       | Trawl                    | 20          | TRB     |                   |                      |                     | 308379                         |                          |                          | 30.00 |   |
| BCM20FS     | Trawl                    | 20          | TRB     |                   |                      |                     | 308379T                        |                          |                          | 30.00 |   |
|             |                          | 1           |         | 36 to 90 Ton WL   | 1                    | _                   |                                |                          |                          |       |   |
| 2014        | Full Sided               | 14          | BB      |                   | 565700               |                     |                                | 1 1/2                    | 1 5/8                    | 36.50 |   |
| 2016        | Full Sided               | 16          | BB      |                   | 565800               |                     |                                | 1 1/2                    | 1 5/8                    | 40.50 |   |
| 2616        | Full Sided               | 16          | TRB     |                   | 559400               |                     |                                | 1 1/2                    | 1 5/8                    | 50.00 |   |
| TB24W       | Trawl                    | 24          | TRB     |                   |                      |                     | 560150                         |                          |                          | 50.00 |   |
| 2624        | Full Sided               | 24          | TRB     |                   | 559500               |                     | 559501                         | 1 3/4                    | 2                        | 75.00 |   |
|             |                          |             |         |                   | 000000               |                     |                                | 1                        |                          |       | - |
| TB30W       | Trawl                    | 30          | TRB     |                   |                      |                     | 560175                         |                          |                          | 90.00 |   |

**BB – BRONZE BUSHING** 

**RB – ROLLER BEARINGS** 

TRB – TAPERED ROLLER BEARINGS



## Lightweight Snatch Blocks 6 Ton to 15 Ton Working Load Limit



MODEL SHOWN: 10" 15T

# **Plate Sided Series**

- New lightweight design with only 43 lbs for a 15 Ton block
- Innovative lightweight hook combines a custom high strength alloy with a low profile design, creating a tremendous weight to strength ratio
- Lightweight composite sheave is specifically designed for increased strength and durability
- Corrosion resistant Electroless Nickel plating on sides, sheave pin, and attaching pin
- Captured attaching pin allows convenient reeving while block is suspended
- Custom sizes and WLLs available upon request
- Skookum Gold Standard Forgings
- ASTM B30.26 Compliant

#### **SPECIFICATIONS**

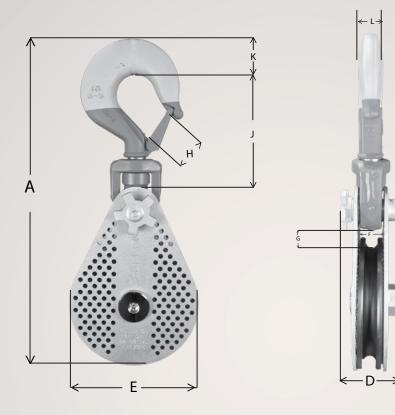
| MODEL # | Sheave<br>Diameter | BEARING | SWIVEL<br>HOOK # | WIRE<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | swivel<br>Hook<br>Weight | SHEAVE # |
|---------|--------------------|---------|------------------|---------------------|---------------------|---------------|--------------------------|----------|
| 6" 6T   | 6"                 | BB      | 1007113          | 7/16                | 1/2                 | 6.00          | 18.00                    | 1007169  |
| 6" 10T  | 6"                 | BB      | 1007112          | 5/8                 | 3/4                 | 10.00         | 27.00                    | 1007163  |
| 8" 10T  | 8"                 | BB      | 1007111          | 5/8                 | 3/4                 | 10.00         | 31.00                    | 1007130  |
| 10" 15T | 10"                | BB      | 1006391          | 3/4                 | 7/8                 | 15.00         | 43.00                    | 1006575  |

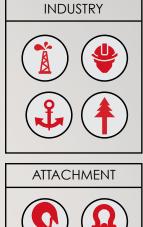
- Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.
- Ultimate load is four times the WLL. (4:1)
- Ton equals 2,000 lbs.





## Lightweight Snatch Blocks 6 Ton to 15 Ton Working Load Limit





#### **DIMENSIONS (IN)**

| overall<br>Hook<br>Height | OVERALL<br>THICKNESS | overall<br>Width | inside<br>Throat<br>Width | throat<br>Height | HOOK<br>Opening<br>W/ Latch | HOOK<br>HEIGHT | HOOK TOP<br>HEIGHT | HOOK TOP<br>THICK |
|---------------------------|----------------------|------------------|---------------------------|------------------|-----------------------------|----------------|--------------------|-------------------|
| A                         | D                    | E                | F                         | G                | Н                           | J              | K                  | L                 |
| 16.44                     | 4.25                 | 6.25             | 1.91                      | 1.77             | 1.38                        | 5.59           | 1.46               | 1.18              |
| 19.50                     | 4.25                 | 6.25             | 1.91                      | 1.89             | 2.09                        | 7.76           | 2.36               | 1.69              |
| 21.50                     | 4.25                 | 8.25             | 1.91                      | 1.96             | 2.09                        | 7.76           | 2.36               | 1.69              |
| 25.17                     | 4.44                 | 10.25            | 1.97                      | 2.04             | 2.10                        | 8.64           | 2.64               | 2.05              |

Please contact us for any custom product or non-standard sizes.





# Alloy Snatch Blocks 4 Ton to 20 Ton Working Load Limit



# **Plate Sided Series**

- Forged alloy hooks and shackles heat treated for toughness
- Interchangeable hook and shackle connector options
- Available with bronze bushing, composite bushing or roller bearing
- Captured attaching pin allows convenient reeving while block is suspended
- Larger sheaves and WLL available upon request
- ASTM B30.26 Compliant

| MODEL # | Sheave<br>Diameter | BEARING | TAILBOARD | SWIVEL<br>HOOK # | SWIVEL<br>Shackle/eye<br>Part # | WIRE<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | tailboard<br>Weight | Swivel<br>Hook<br>Weight | Swivel<br>Shackle<br>Weight | SHEAVE # |
|---------|--------------------|---------|-----------|------------------|---------------------------------|---------------------|---------------------|---------------|---------------------|--------------------------|-----------------------------|----------|
| 4" 4T   | 4"                 | BB      | 1000135   | 1000136          | 1000137                         | 1/4                 | 3/8                 | 4.00          | 6.30                | 8.30                     | 9.35                        | 571901   |
| 6" 8T   | 6"                 | BB      | 1000141   | 1000142          | 1000143                         | 5/8                 | 3/4                 | 8.00          | 15.75               | 27.15                    | 23.40                       | 1003066  |
| 8" 8T   | 8"                 | BB      | 1000144   | 1000145          | 1000146                         | 5/8                 | 3/4                 | 8.00          | 23.60               | 34.90                    | 31.05                       | 1002924  |
| 8" 15T  | 8"                 | BB      | 1000187   | 1000700          | 1000703                         | 3/4                 | 7/8                 | 15.00         | 29.50               | 55.85                    | 49.85                       | 1000246  |
| 8" 20T  | 8"                 | BB      | 1000710   | 1000711          | 1000712                         | 1                   | 1 1/8               | 20.00         | 51.85               | 99.55                    | 88.00                       | 1000722  |
| 10" 8T  | 10"                | BB      | 1000150   | 1000151          | 1000152                         | 5/8                 | 3/4                 | 8.00          | 35.25               | 46.80                    | 42.90                       | 1003103  |
| 10" 15T | 10"                | BB      | 1000340   | 1000341          | 1000342                         | 3/4                 | 7/8                 | 15.00         | 38.45               | 65.00                    | 60.35                       | 1003115  |
| 10" 20T | 10"                | BB      | 1000807   | 1000808          | 1000809                         | 1                   | 1 1/8               | 20.00         | 69.85               | 120.00                   | 106.00                      | 1003129  |

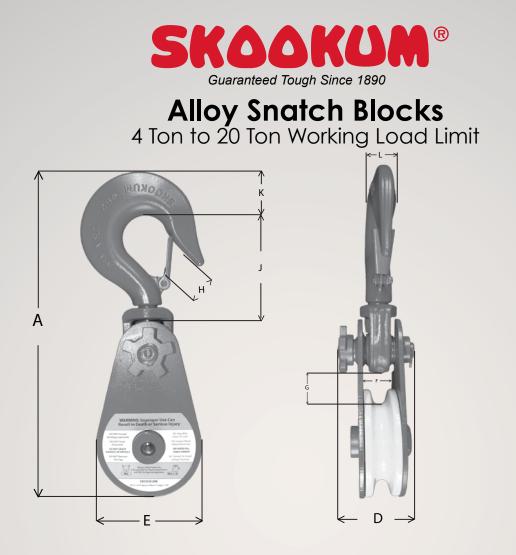
Tailboard does not include captured attaching pin.

• Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

• Ultimate load is four times the WLL.

Ton equals 2,000 lbs.







| overall<br>Hook<br>Height | overall<br>Shackle<br>Height | overall<br>Tailboard<br>Height | OVERALL<br>THICKNESS | overall<br>Width | inside<br>Throat<br>Width | throat<br>Height | HOOK<br>Opening | HOOK<br>HEIGHT | HOOK TOP<br>Height | HOOK TOP<br>Thick | Shackle<br>Height |
|---------------------------|------------------------------|--------------------------------|----------------------|------------------|---------------------------|------------------|-----------------|----------------|--------------------|-------------------|-------------------|
| A                         | NOT SHOWN                    | NOT SHOWN                      | D                    | E                | F                         | G                | Н               | J              | К                  | L                 | NOT SHOWN         |
| 13.60                     | 12.75                        | 6.91                           | 3.30                 | 4.06             | 1.50                      | 1.00             | 1.35            | 5.20           | 1.50               | 1.13              | 5.22              |
| 18.65                     | 16.46                        | 9.94                           | 4.25                 | 6.00             | 1.91                      | 1.21             | 1.70            | 6.33           | 2.38               | 1.50              | 5.65              |
| 20.65                     | 18.46                        | 11.94                          | 4.25                 | 8.00             | 1.91                      | 1.21             | 1.70            | 6.33           | 2.38               | 1.50              | 5.65              |
| 23.85                     | 23.13                        | 12.50                          | 4.43                 | 8.25             | 1.97                      | 1.13             | 2.77            | 8.71           | 2.64               | 2.02              | 9.38              |
| 26.73                     | 25.69                        | 13.81                          | 6.19                 | 8.13             | 2.56                      | 1.26             | 3.51            | 9.75           | 3.15               | 2.52              | 10.38             |
| 22.65                     | 20.46                        | 13.94                          | 4.25                 | 10.00            | 1.91                      | 1.21             | 1.70            | 6.33           | 2.38               | 1.50              | 5.65              |
| 25.85                     | 25.13                        | 14.50                          | 4.43                 | 10.25            | 1.97                      | 1.13             | 2.77            | 8.71           | 2.64               | 2.02              | 9.38              |
| 28.73                     | 27.69                        | 15.81                          | 6.19                 | 10.13            | 2.56                      | 1.26             | 3.51            | 9.75           | 3.15               | 2.52              | 10.38             |
|                           |                              |                                |                      |                  |                           |                  |                 |                |                    |                   |                   |

#### **DIMENSIONS (IN)**

Please contact us for any custom product or non-standard sizes.





# Half-Sided Blocks 5 Ton to 12.5 Ton Working Load Limit



# A Series

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Recessed sheave design prevents wire rope from binding between sheave and block side
- Half side design for strength with minimized weight
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

|  | SF | PEC | IFICA | TIONS |
|--|----|-----|-------|-------|
|--|----|-----|-------|-------|

| MODEL # | Sheave<br>Diameter | BEARING | REGULAR<br>Yoke<br>Part # | SWIVEL HOOK<br>Part # | SWIVEL<br>Shackle<br>Part # | WIRE<br>Rope<br>Min | WIRE<br>ROPE<br>MAX | WLL<br>(TONS) | regular<br>Yoke<br>Weight | Swivel<br>Hook<br>Weight | Swivel<br>Shackle<br>Weight |
|---------|--------------------|---------|---------------------------|-----------------------|-----------------------------|---------------------|---------------------|---------------|---------------------------|--------------------------|-----------------------------|
| A-4     | 4"                 | BB      | 564000                    | 564001                | 564002                      | 1/4                 | 3/8                 | 5.00          | 9.25                      | 12.00                    | 10.50                       |
| A-6     | 6"                 | BB      | 564100                    | 564101                | 564102                      | 3/8                 | 1/2                 | 7.00          | 17.00                     | 20.50                    | 19.00                       |
| A-8     | 8"                 | BB      | 564200                    | 564201                | 564202                      | 1/2                 | 5/8                 | 8.00          | 23.50                     | 36.00                    | 35.00                       |
| A-10    | 10"                | BB      | 564300                    | 564301                | 564302                      | 5/8                 | 3/4                 | 8.00          | 34.00                     | 40.00                    | 41.00                       |
| A-12    | 12"                | BB      | 658300                    | _                     | 658302                      | 3/4                 | 7/8                 | 13.50         | 53.40                     | -                        | 58.65                       |
| A-4R    | 4"                 | RB      | 563400                    | 563401                | 563402                      | 1/4                 | 3/8                 | 5.00          | 9.00                      | 11.75                    | 10.25                       |
| A-6R    | 6.00               | RB      | 563500                    | 563501                | 563502                      | 3/8                 | 1/2                 | 6.50          | 17.00                     | 20.50                    | 19.00                       |
| A-8R    | 8"                 | RB      | 563600                    | 563601                | 563602                      | 1/2                 | 5/8                 | 6.50          | 23.55                     | 35.00                    | 35.00                       |
| A-10R   | 10"                | RB      | 563700                    | 563701                | 563702                      | 5/8                 | 3/4                 | 6.50          | 37.00                     | 41.00                    | 41.00                       |
| A-12R   | 12"                | RB      | 676400                    | 676401                | 676402                      | 3/4                 | 7/8                 | 12.50         | 55.00                     |                          | 59.00                       |

• Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

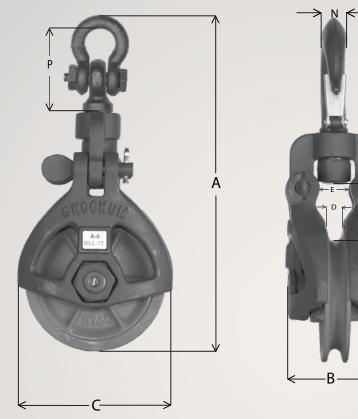
• Ultimate load for swivel attachments is four times the WLL.

- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.





## Half-Sided Blocks 5 Ton to 12.5 Ton Working Load Limit





| G

| HEIGHT | THICK<br>NESS | overall<br>Width | throat<br>Bottom<br>Width | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | throat<br>Height | Yoke<br>Bar<br>Height | Yoke<br>Bar<br>Width | HOOK<br>Opening | Hook<br>Height | HOOK TOP<br>HEIGHT | HOOK TOP<br>Thick | shackle<br>Height |  |
|--------|---------------|------------------|---------------------------|---------------------------|-------------------------|------------------|-----------------------|----------------------|-----------------|----------------|--------------------|-------------------|-------------------|--|
| А      | В             | C                | D                         | E                         | NOT SHOWN               | G                | NOT SHOWN             | NOT SHOWN            | NOT SHOWN       | NOT SHOWN      | NOT SHOWN          | Ν                 | Р                 |  |
| 7.75   | 3.50          | 4.50             | 1.13                      | 1.13                      | 1.43                    | 3.88             | 0.88                  | 0.75                 | 1.13            | 3.25           | 1.00               | 1.13              | 3.50              |  |
| 10.50  | 4.00          | 6.50             | 0.88                      | 1.50                      | 1.13                    | 4.50             | 1.06                  | 1.25                 | 1.25            | 3.63           | 1.60               | 1.25              | 4.50              |  |
| 14.50  | 4.00          | 9.00             | 1.00                      | 1.75                      | 1.50                    | 5.00             | 1.13                  | 1.38                 | 1.50            | 4.19           | 1.88               | 1.37              | 5.00              |  |
| 16.50  | 4.00          | 11.00            | 1.00                      | 1.38                      | 1.50                    | 6.00             | 1.13                  | 1.38                 | 1.50            | 4.19           | 1.88               | 1.37              | 5.00              |  |
| 19.75  | 6.25          | 12.50            | 1.25                      | 1.75                      | 1.75                    | 7.25             | 1.44                  | 1.38                 | I               | _              | _                  |                   | 5.50              |  |
| 7.75   | 3.50          | 4.50             | 1.13                      | 1.13                      | 1.43                    | 3.88             | 0.88                  | 0.75                 | 1.13            | 3.25           | 1.00               | 1.13              | 3.50              |  |
| 10.50  | 4.00          | 6.50             | 0.88                      | 1.50                      | 1.13                    | 4.50             | 1.06                  | 1.25                 | 1.25            | 3.63           | 1.60               | 1.25              | 4.50              |  |
| 14.50  | 4.00          | 9.00             | 1.00                      | 1.75                      | 1.50                    | 5.00             | 1.13                  | 1.38                 | 1.50            | 4.19           | 1.88               | 1.37              | 5.00              |  |
| 16.50  | 4.00          | 11.00            | 1.00                      | 1.38                      | 1.50                    | 6.00             | 1.13                  | 1.38                 | 1.50            | 4.19           | 1.88               | 1.37              | 5.00              |  |
| 19.75  | 6.25          | 12.50            | 1.25                      | 1.75                      | 1.75                    | 7.25             | 1.44                  | 1.38                 | —               | _              | _                  | _                 | 5.50              |  |

#### **DIMENSIONS (IN)**

Please contact us for any custom product or non-standard sizes.





**A** Series

# **Full-Sided Blocks** 5 Ton to 13.5 Ton Working Load Limit



MODEL SHOWN: A-6RT

# Work hardening manganese steel sheaves maximize wire rope and sheave life

- Recessed sheave design prevents wire rope from binding between sheave and block side
- Full sided block maximizes sheave protection and strength
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| MODEL # | Sheave<br>Diameter | BEAR-<br>ING | REGULAR<br>Yoke<br>Part # | SWIVEL<br>Hook<br>Part # | SWIVEL<br>Shackle<br>Part # | WIRE<br>Rope<br>Min | WIRE<br>ROPE<br>MAX | WLL<br>(TONS) | regular<br>Yoke<br>Weight | swivel<br>Hook<br>Weight | Swivel<br>Shackle<br>Weight |
|---------|--------------------|--------------|---------------------------|--------------------------|-----------------------------|---------------------|---------------------|---------------|---------------------------|--------------------------|-----------------------------|
| A-4T    | 4"                 | BB           | 666400                    | 666401                   | 666402                      | 1/4                 | 3/8                 | 5.00          | 13.00                     | 16.25                    | 16.25                       |
| A-6T    | 6"                 | BB           | 679700                    | 679701                   | 679702                      | 3/8                 | 1/2                 | 7.00          | 20.00                     | 24.00                    | 22.00                       |
| A-8T    | 8"                 | BB           | 680000                    | 680001                   | 680002                      | 1/2                 | 5/8                 | 8.00          | 31.00                     | 38.00                    | 37.00                       |
| A-10T   | 10"                | BB           | 564400                    | 564401                   | 564402                      | 5/8                 | 3/4                 | 8.00          | 37.00                     | 43.00                    | 44.00                       |
| A-12T   | 12"                | BB           | 564500                    | _                        | 564502                      | 3/4                 | 7/8                 | 13.50         | 60.00                     | -                        | 68.00                       |
| A-4RT   | 4"                 | RB           | 680300                    | 680301                   | 680302                      | 1/4                 | 3/8                 | 5.00          | 13.00                     | 16.25                    | 16.25                       |
| A-6RT   | 6"                 | RB           | 680600                    | 680601                   | 680602                      | 3/8                 | 1/2                 | 6.50          | 20.00                     | 24.00                    | 22.00                       |
| A-8RT   | 8"                 | RB           | 680900                    | 680901                   | 680902                      | 1/2                 | 5/8                 | 6.50          | 31.00                     | 38.00                    | 37.00                       |
| A-10RT  | 10"                | RB           | 563800                    | 563801                   | 563802                      | 5/8                 | 3/4                 | 6.50          | 40.00                     | 44.00                    | 44.00                       |
| A-12RT  | 12"                | RB           | 571100                    | 571101                   | 571102                      | 3/4                 | 7/8                 | 12.50         | 60.00                     | 64.00                    | 64.00                       |

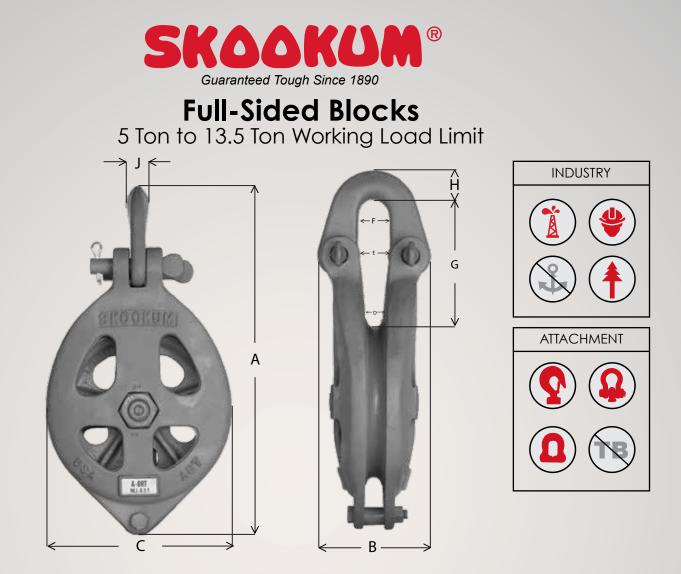
SPECIFICATIONS

Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

Ultimate load for swivel attachments is four times the WLL.

- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.





#### **DIMENSIONS (IN)**

| HEIGHT | THICK<br>Ness | WIDTH | Throat<br>Bottom<br>Width | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | throat<br>Height | Yoke<br>Bar<br>Height | Yoke<br>Bar<br>Width | HOOK<br>Opening | Hook<br>Height | HOOK<br>HEIGHT<br>TOP | HOOK<br>Top<br>Thick | Shackle<br>Height |
|--------|---------------|-------|---------------------------|---------------------------|-------------------------|------------------|-----------------------|----------------------|-----------------|----------------|-----------------------|----------------------|-------------------|
| Α      | В             | C     | D                         | E                         | F                       | G                | Н                     | J                    | NOT SHOWN       | NOT SHOWN      | NOT SHOWN             | NOT SHOWN            | NOT SHOWN         |
| 9.63   | 3.50          | 4.50  | 1.13                      | 1.50                      | 1.43                    | 3.50             | 0.88                  | 0.75                 | 1.13            | 3.25           | 1.00                  | 1.13                 | 3.50              |
| 12.00  | 4.00          | 6.50  | 0.88                      | 1.50                      | 1.13                    | 4.50             | 1.06                  | 1.25                 | 1.25            | 3.63           | 1.60                  | 1.25                 | 4.50              |
| 16.38  | 4.00          | 8.63  | 1.00                      | 1.50                      | 1.50                    | 5.75             | 1.13                  | 1.38                 | 1.38            | 4.16           | 1.88                  | 1.37                 | 5.00              |
| 18.50  | 4.00          | 11.00 | 1.00                      | 1.50                      | 1.50                    | 6.00             | 1.13                  | 1.38                 | 1.38            | 4.19           | 1.88                  | 1.37                 | 5.00              |
| 21.00  | 6.25          | 12.50 | 1.00                      | 1.75                      | 1.75                    | 7.25             | 1.44                  | 1.38                 |                 | _              | —                     | -                    | 5.50              |
| 9.63   | 3.50          | 4.50  | 1.13                      | 1.50                      | 1.43                    | 3.50             | 0.88                  | 0.75                 | 1.13            | 3.25           | 1.00                  | 1.13                 | 3.50              |
| 12.00  | 4.00          | 6.50  | 0.88                      | 1.50                      | 1.13                    | 4.50             | 1.06                  | 1.25                 | 1.25            | 3.63           | 1.60                  | 1.25                 | 4.50              |
| 16.38  | 4.00          | 8.63  | 1.00                      | 1.50                      | 1.50                    | 5.75             | 1.13                  | 1.38                 | 1.38            | 4.19           | 1.88                  | 1.37                 | 5.00              |
| 18.50  | 4.00          | 11.00 | 1.00                      | 1.50                      | 1.50                    | 6.00             | 1.13                  | 1.38                 | 1.38            | 4.19           | 1.88                  | 1.37                 | 5.00              |
| 21.00  | 6.25          | 12.50 | 1.00                      | 1.75                      | 1.75                    | 7.25             | 1.44                  | 1.38                 | _               | _              | —                     | -                    | 5.50              |

Please contact us for any custom product or non-standard sizes.





# Snatch Lock Full-Sided Blocks

3 Ton to 6.5 Ton Working Load Limit



MODEL SHOWN: S-6

# S Series

- Unique Snatch Lock designed for fast, tool-less reeving
- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Recessed sheave design prevents wire rope from binding between sheave and block side
- Full sided block maximizes sheave protection and strength
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| MODEL # | Sheave<br>Diameter | BEARING | SWIVEL<br>Hook<br>Part # | SWIVEL<br>Shackle<br>Part # | WIRE ROPE<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | Swivel<br>Hook<br>Weight | swivel<br>Shackle<br>Weight | SHEAVE # | draw<br>Pin |
|---------|--------------------|---------|--------------------------|-----------------------------|------------------|---------------------|---------------|--------------------------|-----------------------------|----------|-------------|
| S-4     | 4"                 | BB      | 749501                   | 749502                      | 3/8              | 1/2                 | 3.00          | 11.00                    | 11.00                       | 571901   | 551401      |
| S-6     | 6"                 | BB      | 563001                   | 563002                      | 3/8              | 1/2                 | 6.50          | 26.00                    | 26.00                       | 574001   | 551413      |
| S-8     | 8"                 | BB      | 563101                   | 563102                      | 1/2              | 5/8                 | 7.00          | 32.00                    | 32.00                       | 574201   | 551413      |
| S-10    | 10"                | BB      | 563301                   | 563302                      | 5/8              | 3/4                 | 7.00          | 44.00                    | 44.00                       | 574401   | 551413      |
| S-4R    | 4"                 | RB      | 749601                   | 749602                      | 3/8              | 1/2                 | 3.00          | 11.00                    | 11.00                       | 571902   | 551401      |
| S-6R    | 6"                 | TRB     | 562601                   | 562602                      | 3/8              | 1/2                 | 6.50          | 26.00                    | 26.00                       | 574005   | 551413      |
| S-8R    | 8"                 | TRB     | 562701                   | 562702                      | 1/2              | 5/8                 | 6.50          | 32.00                    | 32.00                       | 574205   | 551413      |
| S-10R   | 10"                | TRB     | 562901                   | 562902                      | 5/8              | 3/4                 | 6.50          | 44.00                    | 44.00                       | 574405   | 551413      |

• Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

• Ultimate load for swivel attachments is four times the WLL.

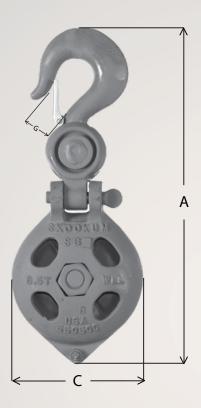
• Ton equals 2,000 lbs.

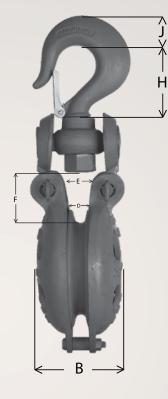
**SPECIFICATIONS** 





Snatch Lock Full Sided-Blocks 3 Ton to 6.5 Ton Working Load Limit







#### **DIMENSIONS (IN)**

| HEIGHT | THICK-<br>NESS | WIDTH | THROAT<br>BOTTOM | inside<br>Throat<br>Width | throat<br>Height | HOOK<br>Opening | HOOK<br>HEIGHT | HOOK TOP<br>Thick-<br>Ness | Shackle<br>Height |
|--------|----------------|-------|------------------|---------------------------|------------------|-----------------|----------------|----------------------------|-------------------|
| A      | В              | C     | D                | E                         | F                | G               | H              | J                          | NOT SHOWN         |
| 12.00  | 3.50           | 4.50  | 1.13             | 1.25                      | 2.88             | 1.25            | 2.88           | 1.19                       | 0.75              |
| 16.75  | 4.00           | 7.00  | 1.00             | 1.88                      | 2.50             | 1.88            | 4.00           | 1.63                       | 0.88              |
| 20.00  | 4.00           | 9.00  | 1.13             | 1.88                      | 2.50             | 1.88            | 4.75           | 1.63                       | 1.00              |
| 22.00  | 4.00           | 11.00 | 1.13             | 2.00                      | 2.50             | 2.00            | 4.75           | 1.75                       | 1.00              |
| 12.00  | 3.50           | 4.50  | 1.13             | 1.25                      | 2.88             | 1.25            | 2.88           | 1.19                       | 0.75              |
| 16.75  | 4.00           | 7.00  | 1.00             | 1.88                      | 2.50             | 1.88            | 4.00           | 1.63                       | 0.88              |
| 20.00  | 4.00           | 9.00  | 1.13             | 1.88                      | 2.50             | 1.88            | 4.75           | 1.63                       | 1.00              |
| 22.00  | 4.00           | 11.00 | 1.13             | 2.00                      | 2.50             | 2.00            | 4.75           | 1.75                       | 1.00              |

Please contact us for any custom product or non-standard sizes.





# Utili-Sheave Full-Sided Blocks

5 Ton to 9 Ton Working Load Limit



MODEL SHOWN: R6

# **R** Series

- New! Now available with an alloy sheave
- Multi-use wide throat and Utili-Sheave for passing a variety of line, connecting links and terminations
- Work hardening manganese steel sheaves maximize wire rope and sheave life
- R-6, R-8 & R-10 equipped with tapered roller bearings for long life in higher line speed applications
- R-4 feature straight roller bearings to minimize size
- Recessed sheave prevents wire rope from binding between sheave and block side
- · Full sided block maximizes sheave protection and strength
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

#### **SPECIFICATIONS**

| MODEL # | SHEAVE<br>DIAMETER | BEARING | ALLOY BLOCK<br>PART # | MANGANESE<br>BLOCK<br>PART # | Wire Rope<br>Min | WIRE ROPE<br>MAX | WLL<br>(TONS) | BLOCK<br>WEIGHT | ALLOY<br>SHEAVE # | MANGANESE<br>SHEAVE # | DRAW<br>PIN # |
|---------|--------------------|---------|-----------------------|------------------------------|------------------|------------------|---------------|-----------------|-------------------|-----------------------|---------------|
| R4      | 4"                 | RB      | 565303A               | 565303                       | 3/8              | 3/8              | 5.00          | 11.45           | 1009495           | 571904                | 551401        |
| R6      | 6"                 | TRB     | 551100A               | 551100                       | 3/8              | 1/2              | 8.00          | 30              | 1009496           | 574803                | 551413        |
| R8      | 8"                 | TRB     | 557700A               | 557700                       | 1/2              | 5/8              | 8.00          | 43              | 1009497           | 799203                | 551420        |
| R10     | 10"                | TRB     | 557800A               | 557800                       | 1/2              | 5/8              | 9.00          | 50              | 1009498           | 539703                | 551420        |

• Please specify Part Number, Sheave Size, Working Load Limit (WLL), and Attaching Style when ordering.

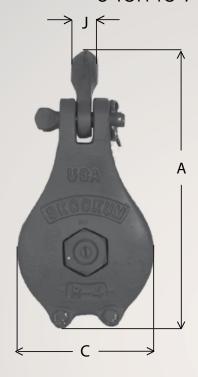
• Ultimate load for yoke attachments is five times WLL.

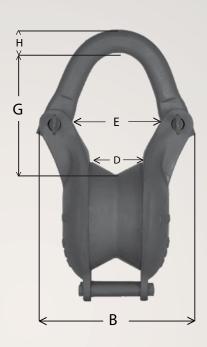
• Ton equals 2,000 lbs.





#### Utili-Sheave Full-Sided Blocks 5 Ton to 9 Ton Working Load Limit







#### **DIMENSIONS (IN)**

| HEIGHT | THICK-<br>NESS | WIDTH | THROAT<br>BOTTOM | INSIDE<br>THROAT<br>WIDTH | THROAT<br>HEIGHT | YOKE BAR<br>HEIGHT | YOKE BAR<br>WIDTH |
|--------|----------------|-------|------------------|---------------------------|------------------|--------------------|-------------------|
| A      | В              | C     | D                | E                         | G                | Н                  | J                 |
| 10.00  | 1.75           | 4.75  | 1.00             | 2.50                      | 5.25             | 1.00               | 1.00              |
| 14.50  | 8.00           | 6.75  | 2.50             | 4.50                      | 6.50             | 1.25               | 1.25              |
| 17.00  | 8.50           | 8.75  | 2.50             | 4.75                      | 7.25             | 1.38               | 1.38              |
| 19.50  | 8.00           | 10.50 | 3.50             | 4.75                      | 7.25             | 1.38               | 1.38              |

Please contact us for any custom product or non-standard sizes.





# Wide Throat & Utili-Sheave Blocks

7 Ton to 25 Ton Working Load Limit



MODEL SHOWN: 508

# Extended R Series

- Multi-use wide throat and Utili-Sheave for passing a variety of line, connecting links and terminations
- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Equipped with tapered roller bearings for long life in higher line speed applications
- Recessed sheave prevents wire rope from binding between sheave and block side
- Full sided block maximizes sheave protection and strength
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| MODEL  | sheave<br>Diam | BEARING | REGULAR<br>Yoke<br>Part # | SWIVEL<br>Hook<br>Part # | SWIVEL<br>Shackle<br>Part # | Wire<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | regular<br>Yoke<br>Weight | swivel<br>Hook<br>Weight | Swivel<br>Shackle<br>Weight | SHEAVE # | draw<br>Pin |
|--------|----------------|---------|---------------------------|--------------------------|-----------------------------|---------------------|---------------------|---------------|---------------------------|--------------------------|-----------------------------|----------|-------------|
| TR-6A  | 6"             | TRB     | 571600                    | —                        | 571602                      | 3/8                 | 1/2                 | 7.00          | 27.00                     | —                        | 30.95                       | 538903   | 551410      |
| 808    | 8"             | TRB     | 799400                    | 799401                   | 799402                      | 1/2                 | 5/8                 | 10.00         | 32.00                     | 36.00                    | 36.00                       | 799203   | 551420      |
| 508    | 8"             | TRB     | 209800                    | _                        | _                           | 1                   | 1 1/8               | 15.00         | 72.00                     | —                        | —                           | 226203   | 551468      |
| TM-10  | 10"            | TRB     | 108500                    | _                        | —                           | 1                   | 1 1/4               | 25.00         | 110.00                    | —                        | —                           | 108526   | 108512      |
| TMS-10 | 10"            | TRB     | 108510                    | —                        | —                           | 3/4                 | 2                   | 25.00         | 110.00                    | _                        | —                           | 108527   | 108512      |
| 2216WA | 16"            | TRB     | 560300                    | _                        | _                           | 1 1/8               | 1 1/4               | 25.00         | 285.00                    | -                        | _                           | 101983   | 620801WA    |

Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

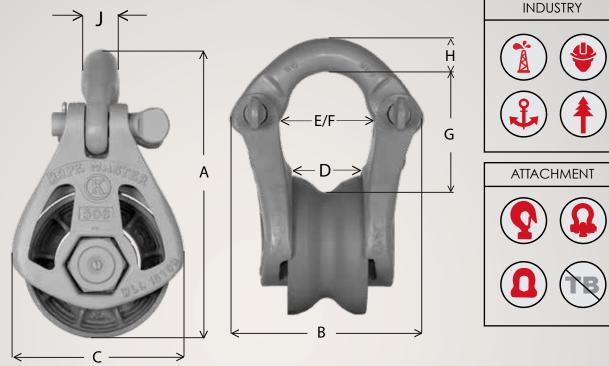
- Ultimate load for swivel attachments is four times the WLL.
- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.





# Wide Throat & Utili-Sheave Blocks





| HEIGHT | THICK-<br>NESS | WIDTH | THROAT<br>Bottom | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | throat<br>Height | Yoke Bar<br>Height | Yoke Bar<br>Width |
|--------|----------------|-------|------------------|---------------------------|-------------------------|------------------|--------------------|-------------------|
| Α      | В              | C     | D                | E                         | F                       | G                | Н                  | J                 |
| 13.00  | 6.00           | 7.00  | 1.00             | 3.00                      | 3.00                    | 5.25             | 1.00               | 1.00              |
| 17.00  | 6.50           | 8.75  | 2.63             | 2.63                      | 2.63                    | 3.75             | 1.38               | 1.38              |
| 15.00  | 11.00          | 9.50  | 4.00             | 4.00                      | 5.25                    | 6.50             | 2.00               | 2.00              |
| 15.00  | 11.00          | 9.50  | 4.00             | 4.00                      | 5.25                    | 6.50             | 2.00               | 2.00              |
| 20.00  | 12.00          | 11.50 | 4.50             | 4.50                      | 6.00                    | 9.00             | 2.00               | 2.00              |
| 30.50  | 13.63          | 16.50 | 6.75             | 9.50                      | 9.50                    | 15.00            | 2.38               | 2.38              |

#### **DIMENSIONS (IN)**

Please contact us for any custom product or non-standard sizes.





# Half-Sided Blocks 12.5 Ton to 17.5 Ton Working Load Limit



MODEL SHOWN: 412-A

# 400-Series

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Equipped with tapered roller bearings for long life in higher line speed applications
- Recessed sheave prevents wire rope from binding between sheave and block side
- Half side for light weight or full side design to maximize sheave protection
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

#### **SPECIFICATIONS**

| MODEL | Sheave<br>Diam | BEARING | regular<br>Yoke<br>Part # | SWIVEL<br>Shackle<br>Part # | Wire<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | regular<br>Yoke<br>Weight | Swivel<br>Shackle<br>Weight | SHEAVE # | draw<br>Pin |
|-------|----------------|---------|---------------------------|-----------------------------|---------------------|---------------------|---------------|---------------------------|-----------------------------|----------|-------------|
| HAI   | lf sided bi    | LOCK    |                           |                             |                     |                     |               |                           |                             |          |             |
| 410-A | 10"            | TRB     | 553303                    | 553302                      | 5/8                 | 3/4                 | 12.50         | 48.00                     | 55.00                       | 536703   | 551422      |
| 412-A | 12"            | TRB     | 558203                    | 558202                      | 3/4                 | 7/8                 | 17.50         | 72.00                     | 81.15                       | 537103   | 555501      |
| 414-A | 14"            | TRB     | 558303                    | 558302                      | 3/4                 | 7/8                 | 17.50         | 95.75                     | 104.90                      | 537303   | 555501      |
| 416-A | 16"            | TRB     | 558403                    | 558402                      | 3/4                 | 7/8                 | 17.50         | 97.00                     | 106.15                      | 537503   | 555501      |
| 418-A | 18"            | TRB     | 558503                    | 558502                      | 7/8                 | 1                   | 17.50         | 108.00                    | 117.15                      | 537703   | 555501      |
| FUL   | l sided bl     | OCKS    |                           |                             |                     |                     |               |                           |                             |          |             |
| 414-T | 14"            | TRB     | 573403                    | 573402                      | 7/8                 | 1                   | 17.50         | 97.00                     | 106.15                      | 537303   | 555501      |
| 416-T | 16"            | TRB     | 573503                    | 573502                      | 3/4                 | 7/8                 | 17.50         | 107.00                    | 116.15                      | 537503   | 555501      |

• Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

Ultimate load for swivel attachments is four times the WLL.

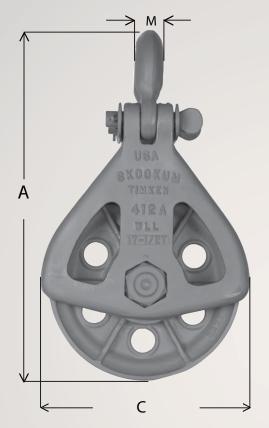
Ultimate load for yoke attachments is five times WLL.

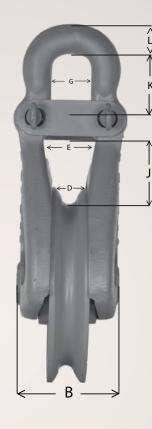
• Ton equals 2,000 lbs.

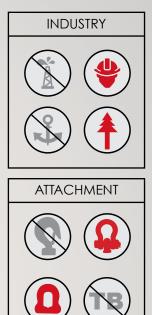




#### Half-Sided Blocks 12.5 Ton to 17.5 Ton Working Load Limit







#### **DIMENSIONS (IN)**

| HEIGHT | THICK-<br>NESS | WIDTH | THROAT<br>BOTTOM | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | Yoke<br>Width<br>Above | Yoke<br>Width<br>Below | throat<br>Height<br>Below | throat<br>Height<br>Above | YOKE<br>Bar Top<br>Height | YOKE BAR<br>WIDTH |
|--------|----------------|-------|------------------|---------------------------|-------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|-------------------|
| Α      | В              | С     | D                | E                         | NOT SHOWN               | G                      | NOT SHOWN              | J                         | K                         | L                         | М                 |
| HAL    | F SIDED BLO    | OCK   |                  |                           |                         |                        |                        |                           |                           |                           |                   |
| 18.50  | 5.50           | 11.00 | 1.75             | 2.75                      | 1.75                    | 2.75                   | 2.75                   | 4.50                      | 2.50                      | 1.50                      | 1.25              |
| 21.00  | 6.25           | 12.50 | 2.00             | 3.00                      | 2.38                    | 3.00                   | 3.00                   | 4.75                      | 2.50                      | 1.75                      | 1.63              |
| 23.00  | 6.25           | 15.00 | 2.00             | 3.00                      | 3.38                    | 3.00                   | 3.00                   | 4.75                      | 2.50                      | 1.75                      | 1.63              |
| 25.00  | 6.25           | 17.00 | 2.00             | 3.00                      | 2.38                    | 3.00                   | 3.00                   | 4.75                      | 2.50                      | 1.75                      | 1.63              |
| 27.00  | 6.25           | 19.00 | 2.00             | 3.00                      | 2.38                    | 3.00                   | 3.00                   | 4.75                      | 2.50                      | 1.75                      | 1.63              |
| FUL    | L SIDED BLO    | OCK   |                  |                           |                         |                        |                        |                           |                           |                           |                   |
| 25.00  | 6.25           | 15.00 | 2.00             | 3.00                      | 2.38                    | 3.00                   | 3.00                   | 4.75                      | 2.50                      | 1.75                      | 1.63              |
| 27.00  | 6.25           | 17.00 | 2.00             | 3.00                      | 2.38                    | 3.00                   | 3.00                   | 4.75                      | 2.50                      | 1.75                      | 1.63              |

Please contact us for any custom product or non-standard sizes.





# Half-Sided Blocks 8 Ton to 17.5 Ton Working Load Limit



# **T** Series

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Recessed sheave prevents wire rope from binding between sheave and block side
- Half side for light weight or full side design to maximize sheave protection
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| SPECIFICATI | ONS |
|-------------|-----|
|             |     |

| MODEL | Sheave<br>Diam | BEARING | REGULAR<br>Yoke<br>Part # | SWIVEL<br>Hook<br>Part # | SWIVEL<br>Shackle<br>Part # | Wire<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | regular<br>Yoke<br>Weight | swivel<br>Hook<br>Weight | Swivel<br>Shackle<br>Weight | SHEAVE # | draw<br>Pin |
|-------|----------------|---------|---------------------------|--------------------------|-----------------------------|---------------------|---------------------|---------------|---------------------------|--------------------------|-----------------------------|----------|-------------|
| T-8   | 8"             | TRB     | 557903                    | 557901                   | 557902                      | 1/2                 | 5/8                 | 8.00          | 32.00                     | 36.00                    | 37.25                       | 539103   | 551420      |
| T-10S | 10"            | TRB     | 558003                    | 558001                   | 558002                      | 5/8                 | 3/4                 | 8.00          | 52.00                     | 56.00                    | 57.25                       | 539903   | 551420      |
| 1010  | 10"            | TRB     | 553703                    | —                        | 553702                      | 7/8                 | 1                   | 17.50         | 75.00                     | —                        | 87.00                       | 537903   | 555501      |
| 510   | 10"            | BB      | 565003                    | _                        | 565002                      | 7/8                 | 1                   | 17.50         | 70.00                     | _                        | 82.00                       | 574301   | 555501      |
| 512   | 12"            | BB      | 565103                    | —                        | 565102                      | 7/8                 | 1                   | 17.50         | 80.00                     | —                        | 97.95                       | 574501   | 555501      |

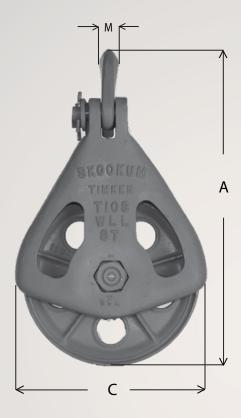
• Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

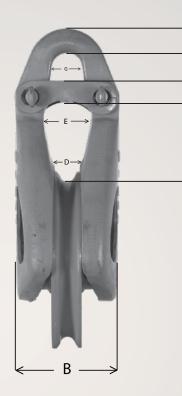
- Ultimate load for swivel attachments is four times the WLL.
- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.





#### Half-Sided Blocks 8 Ton to 17.5 Ton Working Load Limit







L X K V

J

#### **DIMENSIONS (IN)**

| HEIGHT | THICK-<br>NESS | WIDTH | THROAT<br>BOTTOM | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | Yoke<br>Width<br>Above | Yoke<br>Width<br>Below | throat<br>Height<br>Below | throat<br>Height<br>Above | YOKE BAR<br>HEIGHT | Yoke Bar<br>Width |
|--------|----------------|-------|------------------|---------------------------|-------------------------|------------------------|------------------------|---------------------------|---------------------------|--------------------|-------------------|
| Α      | В              | C     | D                | E                         | NOT SHOWN               | G                      | NOT SHOWN              | J                         | K                         | L                  | М                 |
| 16.00  | 5.50           | 8.75  | 1.00             | 2.00                      | 1.63                    | 1.38                   | 2.00                   | 4.25                      | 2.50                      | 1.38               | 1.31              |
| 18.00  | 5.50           | 10.75 | 1.38             | 2.25                      | 1.63                    | 1.63                   | 2.25                   | 4.25                      | 2.50                      | 1.50               | 1.31              |
| 19.00  | 6.25           | 11.00 | 2.00             | 2.50                      | 2.75                    | 2.75                   | 2.50                   | 2.00                      | 2.50                      | 2.00               | 1.75              |
| 19.00  | 6.25           | 11.00 | 2.00             | 2.50                      | 2.75                    | 2.75                   | 2.50                   | 3.50                      | 2.50                      | 2.00               | 1.88              |
| 22.00  | 6.25           | 13.00 | 2.00             | 2.50                      | 2.75                    | 2.75                   | 2.50                   | 3.50                      | 2.75                      | 2.00               | 1.88              |

Please contact us for any custom product or non-standard sizes.





# Half-Sided and Full-Sided Blocks

21.5 Ton to 30 Ton Working Load Limit



MODEL SHOWN: 2210A

# 2200 Series

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Recessed sheave prevents wire rope from binding between sheave and block side
- Half side for light weight or full side design to maximize sheave protection
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| MODEL  | Sheave<br>Diam | BEARING | REGULAR<br>Yoke<br>Part # | SWIVEL<br>Shackle<br>Part # | WIRE<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | regular<br>Yoke<br>Weight | Swivel<br>Shackle<br>Weight | SHEAVE # | DRAW<br>PIN |
|--------|----------------|---------|---------------------------|-----------------------------|---------------------|---------------------|---------------|---------------------------|-----------------------------|----------|-------------|
| HAL    | F SIDED B      | LOCK    |                           |                             |                     |                     |               |                           |                             |          |             |
| 2210A  | 10"            | TRB     | 555003                    | 555002                      | 7/8                 | 1                   | 21.50         | 83.00                     | 102.00                      | 536503   | 555501      |
| 2212   | 12"            | TRB     | 558603                    | 558602                      | 1 1/8               | 1 1/4               | 22.00         | 111.00                    | 129.35                      | 588703   | 555501      |
| 2214   | 14"            | TRB     | 558703                    | 558702                      | 1 1/8               | 1 1/4               | 22.00         | 130.00                    | 148.35                      | 536103   | 555501      |
| 2216B  | 16"            | TRB     | 558853                    | 558852                      | 1 1/8               | 1 1/4               | 25.00         | 150.00                    | 167.80                      | 535103   | 551455      |
| 2220   | 20"            | TRB     | 715003                    | 715002                      | 1                   | 1 1/8               | 27.50         | 157.00                    | 176.00                      | 711102   | 555501      |
| 2222   | 22"            | TRB     | 711603                    | 711602                      | 1 1/8               | 1 1/4               | 29.00         | 223.00                    | 241.35                      | 540903   | 620801      |
| FUI    | LL SIDED BI    | LOCK    |                           |                             |                     |                     |               |                           |                             |          |             |
| 2216HD | 16"            | TRB     | 558804                    | _                           | 1                   | 1 1/8               | 30.00         | 235.00                    | _                           | 535105   | 621901      |
| 2218HD | 18"            | TRB     | 558904                    | _                           | 1 3/8               |                     | 30.00         | 275.00                    | _                           | 535303   | 621901      |

SPECIFICATIONS

Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

• Utimate load for swivel attachments is four times the WLL.

• Ultimate load for yoke attachments is five times WLL.

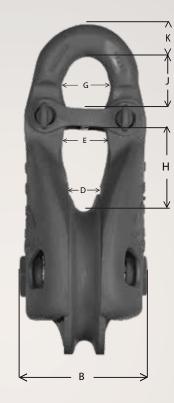
• Ton equals 2,000 lbs.





Half-Sided and Full-Sided Blocks 21.5 Ton to 30 Ton Working Load Limit







#### DIMENSIONS (IN)

| HEIGHT | THICK-<br>NESS | WIDTH | THROAT<br>BOTTOM | inside<br>Throat<br>Width | YOKE WIDTH<br>BELOW<br>LINEGUARD | YOKE WIDTH<br>Above<br>Lineguard | THROAT HEIGHT<br>Below<br>Lineguard | Throat<br>Height<br>Above<br>Lineguard | YOKE BAR<br>HEIGHT | YOKE BAR<br>WIDTH | Shackle<br>Height |
|--------|----------------|-------|------------------|---------------------------|----------------------------------|----------------------------------|-------------------------------------|--|--------------------|-------------------|-------------------|
| Α      | В              | C     | D                | E                         | NOT SHOWN                        | G                                | Н                                   | J                                      | K                  | L                 | NOT SHOWN         |
| HALF   | SIDED BLO      | CKS   |                  |                           |                                  |                                  |                                     |  |                    |                   |                   |
| 18.00  | 7.00           | 11.00 | 2.00             | 2.75                      | 2.75                             | 2.75                             | 4.25                                | 2.25                                   | 1.75               | 2.00              | 11.50             |
| 22.00  | 7.50           | 13.00 | 2.00             | 2.75                      | 2.75                             | 3.00                             | 4.50                                | 2.50                                   | 1.75               | 2.00              | 11.50             |
| 25.00  | 7.50           | 15.00 | 2.00             | 2.75                      | 2.75                             | 3.00                             | 4.75                                | 2.50                                   | 1.75               | 2.00              | 11.50             |
| 26.50  | 8.00           | 16.63 | 2.13             | 3.00                      | 3.00                             | 3.00                             | 4.00                                | 2.25                                   | 1.75               | 2.00              | 12.00             |
| 29.75  | 8.00           | 20.75 | 2.13             | 3.00                      | 2.13                             | 2.50                             | 5.13                                | 2.75                                   | 1.75               | 2.00              | 11.50             |
| 33.38  | 8.00           | 23.00 | 2.13             | 3.13                      | 2.13                             | 3.38                             | 5.25                                | 4.25                                   | 2.13               | 2.38              | 15.00             |
| FULL   | SIDED BLO      | CKS   |                  |                           |                                  |                                  |                                     |  |                    |                   |                   |
| 29.00  | 9.00           | 17.00 | 2.25             | 3.50                      | 3.50                             | 4.00                             | 5.25                                | 4.00                                   | 2.14               | 2.38              | 15.00             |
| 31.00  | 9.00           | 19.00 | 2.25             | 3.50                      | 2.25                             | 4.00                             | 5.25                                | 4.00                                   | 2.13               | 2.38              | 15.00             |

Please contact us for any custom product or non-standard sizes.





# **Full-Sided Blocks** 13 Ton to 75 Ton Working Load Limit

# 300/2000/2600 Series



#### **SPECIFICATIONS**

# • Work hardening manganese steel sheaves maximize wire rope and sheave life

- Recessed sheave prevents wire rope from binding between sheave and block side
- Full sided block maximizes sheave protection and strength
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| MODEL # | SHEAVE<br>DIAMETER | BEARING | REGULAR<br>Yoke<br>Part # | Wire<br>Rope<br>Min | Wire<br>Rope<br>Max | WLL<br>(TONS) | regular<br>Yoke<br>Weight | SHEAVE # | draw<br>Pin |
|---------|--------------------|---------|---------------------------|---------------------|---------------------|---------------|---------------------------|----------|-------------|
| 308     | 8"                 | BB      | 790900                    | 7/8                 | 1                   | 13.00         | 55.00                     | 791101   | 551431      |
| 310     | 10"                | BB      | 791600                    | 1 1/8               | 1 1/4               | 20.50         | 120.00                    | 791801   | 551450      |
| 312     | 12"                | BB      | 792200                    | 1 1/4               | 1 3/8               | 23.00         | 145.00                    | 792401   | 551450      |
| 2014    | 14"                | BB      | 565700                    | 1 1/2               | 1 5/8               | 36.50         | 250.00                    | 541101   | 621102      |
| 2016    | 16"                | BB      | 565800                    | 1 1/2               | 1 5/8               | 40.50         | 435.00                    | 588801   | 621401      |
| BML12   | 12"                | TRB     | <b>62500</b> 8            | 7/8                 | 1                   | 27.50         | 150.00                    | 960185   | 960189      |
| 2616    | 16"                | TRB     | 559400                    | 1 1/2               | 1 5/8               | 50.00         | 600.00                    | 575403   | 102960      |
| 2624    | 24"                | TRB     | 559500                    | 1 3/4               | 2                   | 75.00         | 850.00                    | 262405   | 102960      |

• Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

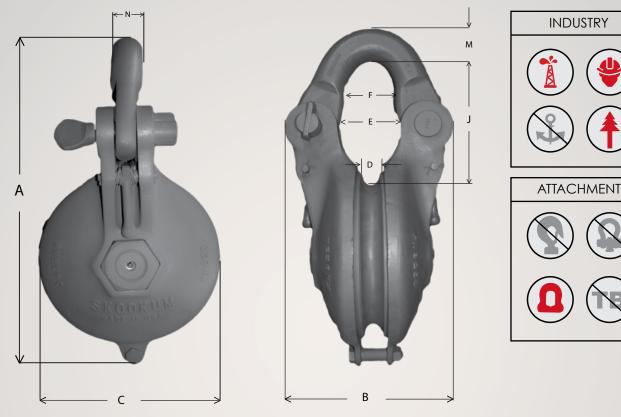
• Ultimate load for swivel attachments is four times the WLL.

- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.





## **Full-Sided Blocks** 13 Ton to 75 Ton Working Load Limit



#### **DIMENSIONS (IN)**

| HEIGHT | THICK<br>NESS | WIDTH | THROAT<br>Bottom<br>Width | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | YOKE WIDTH<br>BELOW<br>LINEGUARD | YOKE WIDTH<br>Above<br>Lineguard | throat<br>Height | THROAT<br>HEIGHT<br>BELOW<br>LINEGUARD | Throat<br>Height<br>Above<br>Lineguard | Yoke<br>Bar<br>Height | Yoke<br>Bar<br>Width | eye<br>Inside<br>Height | eye<br>Inside<br>Width |
|--------|---------------|-------|---------------------------|---------------------------|-------------------------|----------------------------------|----------------------------------|------------------|--|--|-----------------------|----------------------|-------------------------|------------------------|
| Α      | В             | C     | D                         | E                         | F                       | NOT SHOWN                        | NOT SHOWN                        | J                | NOT SHOWN                              | NOT SHOWN                              | М                     | N                    | NOT SHOWN               | NOT SHOWN              |
| 18.50  | 7.00          | 8.13  | 1.75                      | 2.75                      | 2.50                    | —                                | _                                | 7.50             | —                                      | _                                      | 1.85                  | 1.38                 |                         | —                      |
| 22.50  | 9.00          | 11.00 | 1.75                      | 2.75                      | 3.50                    | —                                | _                                | 8.50             | —                                      | _                                      | 2.25                  | 2.30                 |                         | —                      |
| 24.50  | 9.00          | 13.00 | 1.75                      | 2.75                      | 3.50                    | —                                |                                  | 8.75             | _                                      | _                                      | 2.25                  | 2.30                 |                         | —                      |
| 31.00  | 11.50         | 15.00 | 2.50                      | 3.00                      | 3.00                    | 3.25                             | 3.00                             | NA               | 5.75                                   | 4.00                                   | 2.45                  | 2.45                 |                         | —                      |
| 35.00  | 12.00         | 17.00 | 2.50                      | 3.50                      | 5.00                    | 4.75                             | 4.50                             | NA               | 6.75                                   | 5.25                                   | 2.55                  | 2.55                 |                         | —                      |
| 25.00  | 11.75         | 13.00 | 1.75                      | 4.50                      | 4.00                    | —                                | _                                | 9.00             | -                                      | _                                      | 2.75                  | 2.15                 |                         | —                      |
| 37.00  | 12.50         | 17.50 | 3.00                      | 4.00                      | 7.75                    | 4.50                             | 5.00                             | 15.00            | 6.80                                   | 6.00                                   | 2.75                  | 2.92                 | _                       | —                      |
| 46.00  | 14.00         | 29.00 | 3.00                      | 5.25                      | 8.00                    | 4.50                             | 5.00                             | 15.50            | 10.80                                  | 6.00                                   | 2.75                  | 2.92                 | 6.00                    | 3.75                   |

Please contact us for any custom product or non-standard sizes.





# **Aluminum Utili-Sheave Blocks**

3 Ton Working Load Limit



MODEL SHOWN: SK-4

# **SK-4 Light Weight Series**

- Work hardening manganese steel sheaves maximize wire rope and sheave life or light weight aluminum sheaves
- Multi-use wide throat and Utili-Sheave for passing a variety of line, connecting links and terminations
- Recessed sheave prevents wire rope from binding between sheave and block side
- Full sided block maximizes sheave protection and strength
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast aluminum alloy sides minimize weight without scarificing performance
- ASTM B30.26 Compliant

| SP | ECI | FIC | :AT | 10 | NS |  |
|----|-----|-----|-----|----|----|--|
|    |     |     |     |    |    |  |

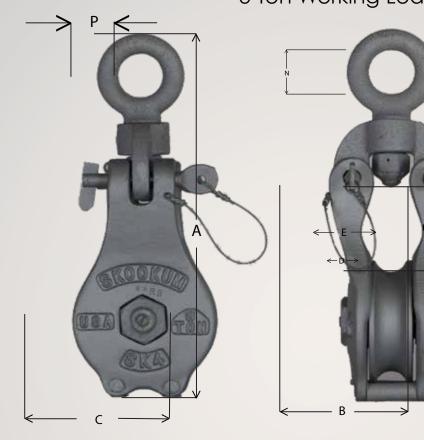
| MODEL # | sheave<br>Diam | BEARING | REGULAR<br>Yoke<br>Part # | SWIVEL<br>Hook<br>Part # | Swivel<br>Shackle/eye<br>Part # | Wire<br>Rope<br>Min | WLL<br>(TONS) | regular<br>Yoke<br>Weight | Swivel<br>Hook<br>Weight | Swivel<br>Shackle<br>Weight |
|---------|----------------|---------|---------------------------|--------------------------|---------------------------------|---------------------|---------------|---------------------------|--------------------------|-----------------------------|
| SK-4    | 4"             | BB      | 191114                    | 191214                   | 191314                          | 3/8                 | 3.00          | 6.00                      | 8.00                     | 7.00                        |
| SK-4M   | 4"             | BB      | 191114M                   | 191214M                  | 191314M                         | 3/8                 | 3.00          | 7.50                      | 9.50                     | 8.50                        |
| SK-4R   | 4"             | SRB     | 191104                    | 191204                   | 191304                          | 3/8                 | 3.00          | 6.00                      | 8.00                     | 7.00                        |
| SK-4RM  | 4"             | SRB     | 191104M                   | 191204M                  | 191304M                         | 3/8                 | 3.00          | 7.50                      | 9.50                     | 8.50                        |

- Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.
- Utimate load for swivel attachments is four times the WLL.
- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.





Aluminum Utili-Sheave Blocks 3 Ton Working Load Limit





#### **DIMENSIONS (IN)**

| HEIGHT | THICK-<br>NESS | WIDTH | THROAT<br>BOTTOM | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | throat<br>Height | Yoke<br>Bar<br>Height | Yoke<br>Bar<br>Width | HOOK<br>Open | HOOK<br>Height | HOOK<br>Top<br>Thick | eye<br>Inside<br>Height | eye<br>Inside<br>Width |
|--------|----------------|-------|------------------|---------------------------|-------------------------|------------------|-----------------------|----------------------|--------------|----------------|----------------------|-------------------------|------------------------|
| Α      | В              | C     | D                | E                         | NOT SHOWN               | G                | NOT SHOWN             | NOT SHOWN            | NOT SHOWN    | NOT SHOWN      | NOT SHOWN            | N                       | Р                      |
| 9.63   | 3.25           | 4.63  | 1.31             | 2.00                      | 1.13                    | 4.50             | 0.91                  | 0.78                 | 1.11         | 3.25           | 1.00                 | 1.50                    | 1.50                   |
| 9.63   | 3.25           | 4.63  | 1.31             | 2.00                      | 1.13                    | 4.50             | 0.91                  | 0.78                 | 1.11         | 3.25           | 1.00                 | 1.50                    | 1.50                   |
| 9.63   | 3.25           | 4.63  | 1.31             | 2.00                      | 1.31                    | 4.50             | 0.91                  | 0.78                 | 1.11         | 3.25           | 1.00                 | 1.50                    | 1.50                   |
| 9.63   | 3.25           | 4.63  | 1.31             | 2.00                      | 1.31                    | 4.50             | 0.91                  | 0.78                 | 1.11         | 3.25           | 1.00                 | 1.50                    | 1.50                   |

Please contact us for any custom product or non-standard sizes.





# Half-Sided Blocks 6.25 Ton to 15 Ton Working Load Limit



MODEL SHOWN: 108RA

# Rope Master Half Side Series

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Alloy steel sheaves are used on lightweight models 513A and 515A
- Equipped with tapered roller bearings for long life in higher line speed applications
- Recessed sheave prevents wire rope from binding between sheave and block side
- Half side design for strength with minimized weight
- Versatile draw pin design allows for rapid reeving and exchange of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| MODEL<br># | Sheave<br>Diame-<br>Ter | BEAR-<br>ING | REGULAR<br>Yoke<br>Part # | SWIVEL<br>Hook<br>Part # | Swivel<br>Shackle/<br>Eye part<br># | Wire<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | regular<br>Yoke<br>Weight | swivel<br>Hook<br>Weight | Swivel<br>Shackle/<br>Eye<br>Weight | SHEAVE #           | DRAW<br>Pin |
|------------|-------------------------|--------------|---------------------------|--------------------------|-------------------------------------|---------------------|---------------------|---------------|---------------------------|--------------------------|-------------------------------------|--------------------|-------------|
| 106        | 6"                      | TRB          | 205600                    | 205602                   | 205601                              | 3/8                 | 1/2                 | 6.25          | 21.00                     | 24.25                    | 24.25                               | 222003             | 551410      |
| 108RA      | 8"                      | TRB          | 205800A                   | 205801A                  | 205802A                             | 1/2                 | 5/8                 | 6.25          | 28.70                     | 34.70                    | 35.00                               | 223811             | 551413      |
| 110RA      | 10"                     | TRB          | 206000A                   | 206001A                  | 206002A                             | 1/2                 | 5/8                 | 8.00          | 38.55                     | 46.00                    | 47.00                               | 224011             | 551464      |
| 112RA      | 12"                     | TRB          | 206200A                   | 206201A                  | 206202A                             | 1/2                 | 5/8                 | 8.00          | 47.00                     | 56.00                    | 57.00                               | 224211             | 551464      |
| 210TR      | 10"                     | TRB          | 206400                    | 206401                   | 206402                              | 3/4                 | 7/8                 | 15.00         | 59.00                     | 68.00                    | 69.00                               | 224603             | 551465      |
| 212TR      | 12"                     | TRB          | 206800                    | 206801                   | 206802                              | 3/4                 | 7/8                 | 15.00         | 69.00                     | 78.00                    | 79.00                               | 224803             | 551465      |
| 513A       | 13"                     | TRB          | 210001                    | —                        | 210002                              | 3/4                 | 7/8                 | 15.00         | 63.00                     | _                        | 73.00                               | 226404             | 551465      |
| 515A       | 15"                     | TRB          | 210201                    | —                        | 210202                              | 7/8                 | 1.00                | 15.00         | 73.00                     | —                        | 83.00                               | 226805*<br>226705M | 551465      |

• Optional manganese steel sheave is part number 226705M. 226805 is standard alloy steel sheave.

Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

Ultimate load for swivel attachments is four times the WLL.

- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.

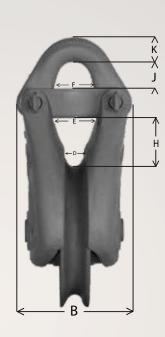
**SPECIFICATIONS** 





### Half-Sided Blocks 6.25 Ton to 15 Ton Working Load Limit







#### **DIMENSIONS (IN)**

| HEIGHT | THICK | WIDTH | THROAT<br>BTM | inside<br>Throat<br>Width | Yoke<br>Width<br>Above | throat<br>Height | THROAT<br>HEIGHT<br>BELOW | THROAT<br>HEIGHT<br>ABOVE | Yoke<br>Bar<br>Height | Yoke<br>Bar<br>Width | HOOK<br>Open | Hook<br>Height | HOOK<br>Top<br>Thick | HOOK<br>Top<br>Thick | Shackle<br>Height | eye<br>Inside<br>Height | eye<br>Inside<br>Width |
|--------|-------|-------|---------------|---------------------------|------------------------|------------------|---------------------------|---------------------------|-----------------------|----------------------|--------------|----------------|----------------------|----------------------|-------------------|-------------------------|------------------------|
| Α      | В     | C     | D             | E                         | F                      | NOT<br>Shown     | Н                         | J                         | К                     | L                    | NOT<br>Shown | NOT<br>Shown   | NOT<br>Shown         | NOT<br>Shown         | NOT<br>Shown      | NOT<br>Shown            | NOT<br>Shown           |
| 11.50  | 5.68  | 6.56  | 1.25          | 2.43                      | —                      | 5.00             | _                         |                           | 1.09                  | 1.25                 | 1.31         | 3.50           | 1.53                 | 1.19                 | 5.38              | _                       | —                      |
| 13.94  | 5.75  | 8.75  | 1.25          | 2.56                      | 2.25                   | _                | 2.13                      | 1.32                      | 1.09                  | 1.25                 | 1.31         | 3.50           | 1.53                 | 1.19                 | 5.75              | _                       | —                      |
| 17.38  | 5.75  | 10.50 | 1.38          | 2.56                      | 2.56                   |                  | 3.25                      | 2.50                      | 1.25                  | 1.25                 | 1.50         | 4.00           | 1.82                 | 1.38                 | 4.75              |                         | —                      |
| 20.00  | 5.75  | 12.50 | 1.38          | 2.56                      | 2.56                   | _                | 3.75                      | 2.50                      | 1.25                  | 1.25                 | 1.50         | 4.00           | 1.82                 | 1.38                 | 4.75              |                         | —                      |
| 18.00  | 7.00  | 10.50 | 2.00          | 2.63                      | 2.63                   | _                | 2.37                      | 3.00                      | 1.58                  | 1.63                 | 1.50         | 4.50           | 1.82                 | 1.38                 | 5.25              | -                       | —                      |
| 20.50  | 6.00  | 13.50 | 2.00          | 2.75                      | 2.75                   | _                | 2.88                      | 3.00                      | 1.58                  | 1.63                 | 1.50         | 4.50           | 1.82                 | 1.38                 | 5.25              | -                       | —                      |
| 21.50  | 6.00  | 13.50 | 2.00          | 2.75                      | 2.75                   | 7.25             | 2.88                      | 2.25                      | 1.50                  | 1.63                 |              |                | _                    | _                    | 7.00              | 1.28                    | 1.28                   |
| 24.25  | 6.00  | 15.50 | 2.38          | 3.00                      | 3.00                   | 7.63             | 3.25                      | 2.25                      | 1.50                  | 1.63                 | _            |                | _                    | _                    | 7.00              | 1.28                    | 1.28                   |

Please contact us for any custom product or non-standard sizes.





# **Full-Sided Blocks** 3.25 Ton to 15 Ton Working Load Limit



MODEL SHOWN: 82-S

# **Rope Master Full Side Series**

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Equipped with tapered roller bearings for long life in higher line speed applications
- Recessed sheave prevents wire rope from binding between • sheave and block side
- Full sided block maximizes sheave protection and strength
- Versatile draw pin design allows for rapid reeving and ex-• change of attaching style
- Rugged cast alloy steel sides for demanding environments
- ASTM B30.26 Compliant

| MODEL    | Sheave<br>Diam    | BEARING | REGULAR<br>Yoke<br>Part # | SWIVEL<br>Hook<br>Part # | SWIVEL<br>Shackle<br>Part # | Wire<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | regular<br>Yoke<br>Weight | swivel<br>Hook<br>Weight | Swivel<br>Shackle<br>Weight | SHEAVE # | draw<br>Pin |
|----------|-------------------|---------|---------------------------|--------------------------|-----------------------------|---------------------|---------------------|---------------|---------------------------|--------------------------|-----------------------------|----------|-------------|
| 6        | 6"                | TRB     | 200200                    | 200203                   | 200204                      | 3/8                 | 1/2                 | 3.25          | 20.20                     | 22.00                    | 22.00                       | 220203   | 551413      |
| 62-S     | 6"                | TRB     | 203600                    | 203603                   | 203604                      | 3/8                 | 1/2                 | 3.75          | 26.00                     | 28.65                    | 27.00                       | 221803   | 551413      |
| 82-S     | 8"                | TRB     | 204800                    | 204803                   | 204804                      | 3/8                 | 1/2                 | 3.75          | 33.00                     | 34.00                    | 34.00                       | 222603   | 551413      |
| 508      | 8"                | TRB     | 209800                    | _                        | —                           | 1                   | 1 1/8               | 15.00         | 72.00                     | —                        | -                           | 226203   | 551468      |
| EXTRA WI | EXTRA WIDE SHEAVE |         |                           |                          |                             |                     |                     |               |                           |                          |                             |          |             |
| 64       | 6"                | TRB     | _                         | 204003                   | 204004                      | 3/8                 | 1/2                 | 3.75          | _                         | 30.00                    | 30.00                       | 223603   | —           |

Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

- Ultimate load for swivel attachments is four times the WLL.
- Ultimate load for yoke attachments is five times WLL.
- Ton equals 2,000 lbs.

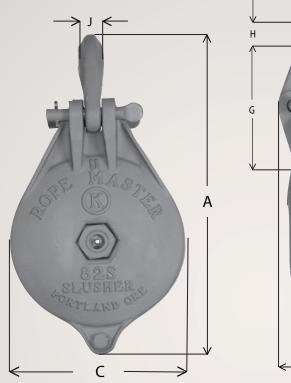
**SPECIFICATIONS** 

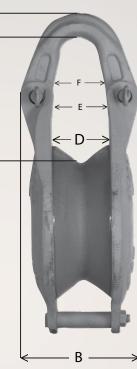
Model 64 has Rope Master snatch lock





# **Full-Sided Blocks** 3.25 Ton to 15 Ton Working Load Limit







| HEIGHT   | THICK-<br>Ness | WIDTH | THROAT<br>BOT-<br>TOM | inside<br>Throat<br>Width | inside<br>Yoke<br>Width | throat<br>Height | Yoke<br>Bar<br>Height | Yoke<br>Bar<br>Width | HOOK<br>Open | hook<br>Height | HOOK<br>Top<br>Thick | Hook<br>Top<br>Thick | Shackle<br>Height | EYE<br>INSIDE |
|----------|----------------|-------|-----------------------|---------------------------|-------------------------|------------------|-----------------------|----------------------|--------------|----------------|----------------------|----------------------|-------------------|---------------|
| Α        | В              | C     | D                     | E                         | F                       | G                | Н                     | J                    | NOT SHOWN    | NOT SHOWN      | NOT SHOWN            | NOT SHOWN            | NOT SHOWN         | NOT SHOWN     |
| 12.75    | 5.75           | 6.50  | 2.50                  | 2.75                      | 2.50                    | 4.75             | 1.25                  | 1.38                 | 1.50         | 3.63           | 1.11                 | 1.13                 | 4.15              | 0.78          |
| 13.75    | 5.75           | 6.75  | 2.75                  | 2.75                      | 2.50                    | 5.00             | 1.25                  | 1.38                 | 1.50         | 3.63           | 1.11                 | 1.13                 | 4.15              | 0.78          |
| 16.50    | 5.50           | 8.50  | 2.75                  | 2.75                      | 2.50                    | 5.25             | 1.25                  | 1.38                 | 1.50         | 3.63           | 1.11                 | 1.13                 | 4.15              | 0.78          |
| 15.00    | 11.00          | 9.50  | 4.00                  | 4.00                      | 5.25                    | 6.50             | 2.00                  | 2.00                 |              |                | _                    | —                    | —                 | —             |
| EXTRA WI | DE SHEAVE      |       |                       |                           |                         |                  |                       |                      |              |                |                      |                      |                   |               |
| 16.75    | 4.8125         | 10.25 | 1.00                  | 2.25                      | _                       | 2.00             | _                     | _                    | 1.50         | 3.625          | 1.11                 | 1.13                 | 4.15              | 0.78          |

#### **DIMENSIONS (IN)**

Please contact us for any custom product or non-standard sizes.





### **Trawl Blocks** 10 Ton to 90 Ton Working Load Limit



# **TB-Series**

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Equipped with tapered roller bearings for long life in higher line speed applications
- Swivel eyes designed with thrust bearings for ease of rotation
- Galvanized for a durable and corrosion resistant finish

| SP | FC | IFIC | ΔΤ | O | 26 |
|----|----|------|----|---|----|

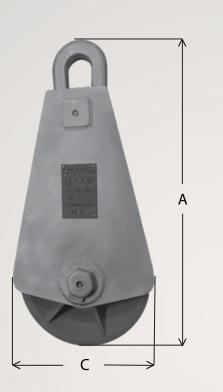
| MODEL # | SHEAVE<br>DIAMETER | BEARING | Swivel<br>Shackle/eye<br>Part # | WLL<br>(TONS) | Swivel<br>Shackle<br>Weight | SHEAVE # |
|---------|--------------------|---------|---------------------------------|---------------|-----------------------------|----------|
| TB10W   | 10"                | TRB     | 560110                          | 10.00         | 125.00                      | 108526   |
| TB16W   | 16"                | TRB     | 560100                          | 25.00         | 370.00                      | 101983   |
| TB24W   | 24"                | TRB     | 560150                          | 50.00         | 700.00                      | 112403   |
| TB30W   | 30"                | TRB     | 560175                          | 90.00         | 1250.00                     | 113003   |

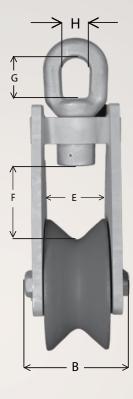
- Please specify Part Number, Sheave Size and Working Load Limit (WLL).
- Ultimate load four times WLL.
- Ton equals 2,000 lbs.





#### Trawl Blocks 10 Ton to 90 Ton Working Load Limit







#### **DIMENSIONS (IN)**

| HEIGHT | THICK-<br>NESS | WIDTH | throat<br>Width | throat<br>Height | eye inside<br>Height | eye inside<br>Width |
|--------|----------------|-------|-----------------|------------------|----------------------|---------------------|
| Α      | В              | C     | E               | F                | G                    | Н                   |
| 25.00  | 8.75           | 11.00 | 5.38            | 5.00             | 3.75                 | 2.50                |
| 39.00  | 12.00          | 17.00 | 7.38            | 9.00             | 4.50                 | 3.00                |
| 43.00  | 12.00          | 25.00 | 7.38            | 7.38             | 4.50                 | 3.00                |
| 55.00  | 16.00          | 31.00 | 7.38            | 6.00             | 3.38                 | 3.38                |

Please contact us for any custom product or non-standard sizes.





# **Trawl Half-Side Blocks** 5 Ton to 30 Ton Working Load Limit

•

**BCM** Series

rope and sheave life

line speed applications

sheave and block side

sheave protection

Work hardening manganese steel sheaves maximize wire

Equipped with tapered roller bearings for long life in higher

Recessed sheave prevents wire rope from binding between

Half side for light weight or full side design for maximized

Rugged cast alloy steel sides for demanding environments

Enclosed swivel eye to prevent net entanglement

Galvanized for a durable corrosion resistant finish



MODEL SHOWN: BCM16

#### **SPECIFICATIONS**

| MODEL #           | Sheave<br>Diameter | BEARING | SWIVEL<br>Shackle/eye<br>Part # | swivel<br>Shackle/eye<br>Weight | WLL<br>(TONS) | SHEAVE # |
|-------------------|--------------------|---------|---------------------------------|---------------------------------|---------------|----------|
| BCM6 <sup>1</sup> | 6"                 | BB      | 307797                          | 25.00                           | 5.00          | 309272   |
| BCM8              | 8"                 | RB      | 307800                          | 41.00                           | 10.00         | 307805   |
| BCM12             | 12"                | TRB     | 307912                          | 79.00                           | 10.00         | 308118M  |
| BCM16             | 16"                | TRB     | 308357                          | 132.00                          | 20.00         | 308597M  |
| BCM18             | 18"                | TRB     | 308369                          | 151.00                          | 20.00         | 308795M  |
| BCM20             | 20"                | TRB     | 308379                          | 330.00                          | 30.00         | 309215M  |

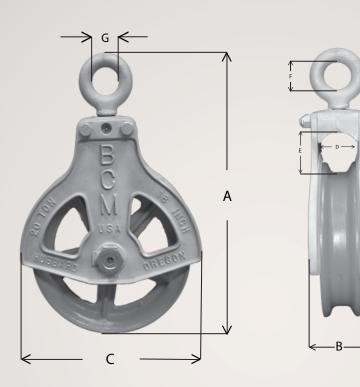
• <sup>1</sup>BCM6 has bronze bushed sheave

- Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.
- Ultimate load four times WLL.
- Ton equals 2,000 lbs.





#### **Trawl Half-Side Blocks** 5 Ton to 30 Ton Working Load Limit





#### **DIMENSIONS (IN)**

| HEIGHT | THICKNESS | WIDTH | inside<br>Throat<br>Width | throat<br>Height | eye inside<br>Height | eye inside<br>Width |
|--------|-----------|-------|---------------------------|------------------|----------------------|---------------------|
| Α      | В         | C     | D                         | E                | F                    | G                   |
| 14.00  | 5.50      | 7.50  | 2.50                      | 3.00             | 2.50                 | 2.50                |
| 19.00  | 6.25      | 9.00  | 2.63                      | 4.25             | 2.50                 | 2.50                |
| 23.00  | 6.50      | 13.50 | 3.50                      | 2.50             | 2.50                 | 3.00                |
| 28.00  | 7.00      | 17.50 | 3.50                      | 3.50             | 3.50                 | 3.00                |
| 31.00  | 7.00      | 20.63 | 3.50                      | 4.50             | 3.00                 | 3.00                |
| 37.00  | 10.00     | 23.50 | 6.50                      | 7.25             | 4.50                 | 3.00                |

Please contact us for any custom product or non-standard sizes.





# Trawl Full-Sided Blocks 10 Ton to 30 Ton Working Load Limit



MODEL SHOWN: BCM18FS

# **BCM** Series

- Work hardening manganese steel sheaves maximize wire rope and sheave life
- Equipped with tapered roller bearings for long life in higher line speed applications (BCM6 has bronze bushed sheave)
- Enclosed swivel eye to prevent net entanglement
- Recessed sheave prevents wire rope from binding between sheave and block side
- Galvanized for a durable corrosion resistant finish
- Half side for light weight or full side design for maximized sheave protection
- Rugged cast alloy steel sides for demanding environments

| SI LOIITO,  |                    |         |                                 |                                 |               |          |
|-------------|--------------------|---------|---------------------------------|---------------------------------|---------------|----------|
| MODEL #     | Sheave<br>Diameter | BEARING | SWIVEL<br>Shackle/eye<br>Part # | Swivel<br>Shackle/eye<br>Weight | WLL<br>(TONS) | SHEAVE # |
| BCM12FS     | 12"                | TRB     | 307912T                         | 87.00                           | 10.00         | 308118M  |
| BCM16FS     | 16"                | TRB     | 308357T                         | 158.00                          | 20.00         | 308597M  |
| BCM18FS 20T | 18"                | TRB     | 308369T                         | 205.00                          | 20.00         | 308795M  |
| BCM18FS 25T | 18"                | TRB     | 308870T                         | 315.00                          | 25.00         | 388005M  |
| BCM20FS     | 20"                | TRB     | 308379T                         | 370.00                          | 30.00         | 309215M  |
| BCM16 EWS   | 16"                | TRB     | 308357W                         | 174.00                          | 20.00         | 308591WM |

308357TW

#### **SPECIFICATIONS**

• Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.

200.00

• Ultimate load four times WLL.

16"

TRB

• Ton equals 2,000 lbs.

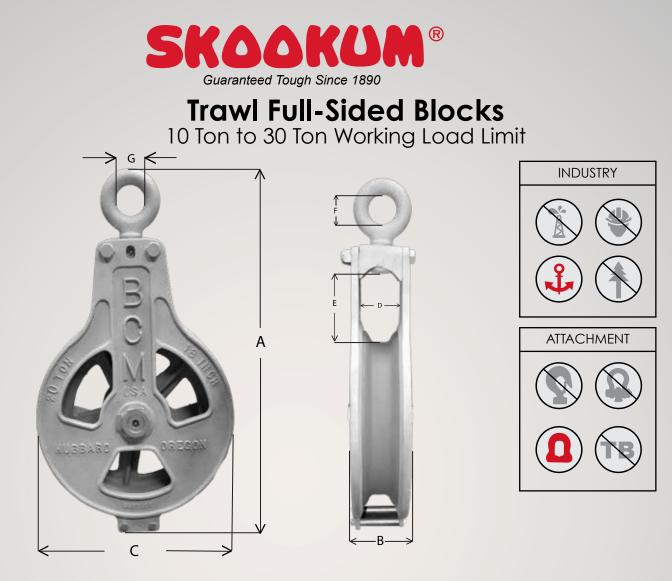
BCM16FS EWS



WARNING: Misuse of rigging equipment can result in serious injury up to and including loss of life. Only competent trained professionals should use Skookum products. Thoroughly inspect all equipment before each and every use and never use damaged or worn products. Skookum disclaims any liability resulting from the misuse of its products. Please take a moment to carefully review our maintenance and warnings page for more information.

20.00

308591WM



#### **DIMENSIONS (IN)**

| HEIGHT | THICK-<br>NESS | WIDTH | inside<br>Throat<br>Width | throat<br>Height | eye inside<br>Height | eye inside<br>Width |
|--------|----------------|-------|---------------------------|------------------|----------------------|---------------------|
| Α      | В              | C     | D                         | E                | F                    | G                   |
| 26.00  | 6.50           | 13.50 | 3.50                      | 4.50             | 2.50                 | 2.50                |
| 32.00  | 7.50           | 17.50 | 2.50                      | 3.00             | 3.00                 | 3.00                |
| 36.00  | 7.50           | 20.50 | 3.50                      | 7.50             | 3.00                 | 3.00                |
| 39.00  | 9.25           | 20.50 | 5.50                      | 7.00             | 4.50                 | 3.00                |
| 41.00  | 10.00          | 23.50 | 6.50                      | 7.50             | 4.50                 | 3.00                |
| 28.00  | 9.00           | 17.50 | 5.00                      | _                | 3.00                 | 3.00                |
| 32.00  | 9.00           | 17.50 | 5.00                      | _                | 3.00                 | 3.00                |

Please contact us for any custom product or non-standard sizes.





Wide Try Net Series

of line and nets

sheave and block side

Multi-use wide throat and Utili-Sheave for passing a variety

Recessed sheave prevents wire rope from binding between

Full sided block maximizes sheave protection and strength Galvanized for a durable and corrosion resistant finish

Enclosed swivel eye to prevent net entanglement

### Wide Try Net & Outrigger Blocks 5 Ton to 10 Ton Working Load Limit

•



MODEL SHOWN: BCM FB

#### **SPECIFICATIONS**

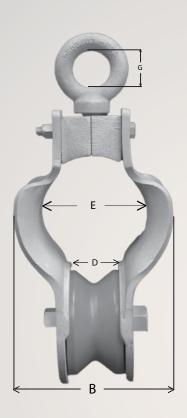
| MODEL # | Sheave<br>Diameter | BEARING SWIVEL<br>Shackle/eye<br>Part # |        | WLL<br>(TONS) | WEIGHT | SHEAVE # |  |
|---------|--------------------|---|--------|---------------|--------|----------|--|
| WIDE    | WIDE TRY NET BLOCK |   |        |               |        |          |  |
| BCM FB  | 6"                 | BB                                      | 307700 | 5.00          | 16.70  | 309272   |  |
| BCM SFB | 6"                 | BB                                      | 308800 | 10.00         | 25.00  | 307781   |  |

- Please specify Part Number, Sheave Size, Working Load Limit (WLL), Bearing Style and Attaching Style when ordering.
- Ultimate load four times WLL.
- Ton equals 2,000 lbs.





Wide Try Net & Outrigger Blocks 5 Ton to 10 Ton Working Load Limit







#### **DIMENSIONS (IN)**

| HEIGHT | THICKNESS          | WIDTH | INSIDE<br>Throat<br>Bottom | inside<br>Throat<br>Width | EYE INSIDE<br>WIDTH | eye inside<br>Height |
|--------|--------------------|-------|----------------------------|---------------------------|---------------------|----------------------|
| Α      | В                  | C     | D                          | E                         | F                   | G                    |
| WIE    | WIDE TRY NET BLOCK |       |                            |                           |                     |                      |
| 19.00  | 8.00               | 6.50  | 2.25                       | 5.75                      | 2.50                | 2.50                 |
| 21.00  | 9.50               | 6.50  | 3.68                       | 6.75                      | 3.00                | 3.00                 |

Please contact us for any custom product or non-standard sizes.





# Wide Try Net & Outrigger Blocks 3 Ton Working Load Limit

# **Outrigger Series**

- Full sided block maximizes sheave protection and strength •
- Galvanized for a durable corrosion resistant finish •



MODEL SHOWN: BCM OR 6"

#### **SPECIFICATIONS**

| MODEL #               | Sheave<br>Diameter | BEARING | PART # | WIRE<br>Rope<br>Min | WIRE<br>Rope<br>Max | WLL<br>(TONS) | WEIGHT | SHEAVE # |
|-----------------------|--------------------|---------|--------|---------------------|---------------------|---------------|--------|----------|
| OUTRIGGER BLOCK       |                    |         |        |                     |                     |               |        |          |
| BCM OR 6"<br>1 sheave | 6"                 | BB      | 305100 | 7/16                | 1/2                 | 3.00          | 16.70  | 304701   |
| BCM OR 6"<br>2 sheave | 6"                 | BB      | 305000 | 7/16                | 1/2                 | 3.00          | 25.00  | 304701   |

Please specify Part Number, Sheave Size, Working Load Limit and Bearing Style.

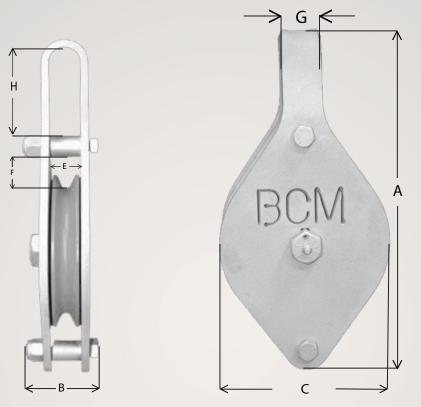
Ultimate load four times WLL.

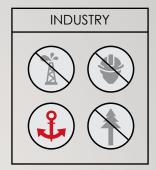
Ton equals 2,000 lbs.





# Wide Try Net & Outrigger Blocks 3 Ton Working Load Limit





#### **DIMENSIONS (IN)**

| HEIGHT | THICKNESS       | WIDTH | inside<br>Throat<br>Width | throat<br>Height | eye inside<br>Width | eye inside<br>Height |
|--------|-----------------|-------|---------------------------|------------------|---------------------|----------------------|
| A      | В               | C     | E                         | F                | G                   | Н                    |
| 01     | OUTRIGGER BLOCK |       |                           |                  |                     |                      |
| 15.27  | 4.50            | 5.00  | 1.87                      | 1.50             | 1.10                | 1.10                 |
| 15.27  | 6.62            | 5.00  | 1.87                      | 1.50             | 1.10                | 1.10                 |

Please contact us for any custom product or non-standard sizes.



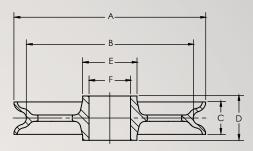
# Sheave Products



### Sheaves Products Manganese & Cast Steel







#### **SPECIFICATIONS**

| SHEAVE # | ROPE SIZE<br>(INCHES) | APPROX.<br>WEIGHT<br>(LBS) | MATERIAL   |
|----------|-----------------------|----------------------------|------------|
| A-4      | 3/8 - 1/2             | 2.00                       | Manganese  |
| A-6      | 3/8 - 1/2             | 6.00                       | Manganese  |
| T-6      | 1/2 - 9/16            | 6.00                       | Manganese  |
| 106R     | 1/2                   | 5.00                       | Manganese  |
| 706      | 1/2                   | 8.00                       | Manganese  |
| 6171     | 3/8 - 1/2             | 5.00                       | Cast Steel |
| F-7      | 1/2 - 9/16            | 8.00                       | Manganese  |
| A-8      | 1/2 - 5/8             | 7.00                       | Manganese  |
| T-8      | 5/8                   | 7.00                       | Manganese  |
| 108R     | 5/8                   | 9.00                       | Manganese  |
| F-8      | 5/8 - 3/4             | 13.00                      | Manganese  |
| 808      | 5/8 - 3/4             | 10.00                      | Manganese  |
| 308      | 7/8 - 1               | 9.00                       | Manganese  |
| 80       | 1 1/8 - 1 1/4         | 20.00                      | Manganese  |
| 6172     | 1/2 - 5/8             | 11.00                      | Cast Steel |
| T-10S    | 5/8 - 3/4             | 12.00                      | Manganese  |
| BP-100   | 5/8 - 3/4             | 9.00                       | Manganese  |
| R-10     | 5/8 - 3/4             | 16.00                      | Manganese  |
| A-10     | 5/8 - 3/4             | 9.00                       | Manganese  |
| 410      | 5/8 - 3/4             | 12.00                      | Manganese  |
| 1010     | 7/8 - 1               | 17.00                      | Manganese  |
| 2210     | 7/8 - 1               | 16.00                      | Manganese  |
| 510      | 7/8 - 1               | 20.00                      | Manganese  |
| 310      | 1 1/4                 | 20.00                      | Manganese  |
| 104406   | 3/4                   | 22.00                      | Cast Steel |
| 109080   | 5/8 - 3/4             | 18.00                      | Cast Steel |
| 6173     | 5/8 - 3/4             | 16.00                      | Cast Steel |

#### **DIMENSIONS (IN)**

|                          |                               | <u> </u>          | -                 |                      |                      |
|--------------------------|-------------------------------|-------------------|-------------------|----------------------|----------------------|
| A<br>Outside<br>Diameter | <b>B</b><br>TREAD<br>DIAMETER | C<br>RIM<br>WIDTH | D<br>Hub<br>Width | e<br>Hub<br>Diameter | F<br>Bore<br>Min-Max |
| 4.00                     | 2.88                          | 1.38              | 1.50              | 2.13                 | 1.75                 |
| 6.00                     | 4.88                          | 1.13              | 2.25              | 2.44                 | 1.88                 |
| 6.00                     | 5.00                          | 1.38              | 3.25              | 3.25                 | 2.75                 |
| 6.00                     | 4.88                          | 1.75              | 1.94              | 2.94                 | 2.44                 |
| 6.00                     | 4.50                          | 3.00              | 3.44              | 3.31                 | 2.75                 |
| 6.00                     | 4.38                          | 1.00              | 1.50              | 2.13                 | 1.00 - 1.25          |
| 7.00                     | 5.50                          | 2.75              | 2.88              | 3.25                 | 2.75                 |
| 8.00                     | 7.06                          | 1.13              | 2.25              | 2.50                 | 1.88                 |
| 8.00                     | 7.00                          | 1.38              | 3.13              | 3.25                 | 2.75                 |
| 8.00                     | 6.75                          | 1.75              | 1.75              | 2.94                 | 2.44                 |
| 8.00                     | 6.50                          | 2.75              | 3.38              | 4.31                 | 3.75                 |
| 8.00                     | 6.25                          | 3.00              | 3.50              | 3.31                 | 2.75                 |
| 8.00                     | 6.50                          | 1.88              | 2.25              | 3.75                 | 3.00                 |
| 8.00                     | 5.75                          | 4.00              | 4.00              | 5.00                 | 4.25                 |
| 8.00                     | 6.50                          | 1.25              | 1.88              | 3.25                 | 1 - 2                |
| 10.00                    | 9.00                          | 1.75              | 3.13              | 3.25                 | 2.75                 |
| 10.00                    | 8.00                          | 3.00              | 2.88              | 2.38                 | 1.88                 |
| 10.00                    | 8.25                          | 4.00              | 3.25              | 3.25                 | 2.75                 |
| 10.00                    | 8.75                          | 1.25              | 2.25              | 2.50                 | 1.88                 |
| 10.00                    | 8.50                          | 2.00              | 3.25              | 3.88                 | 3.25                 |
| 10.00                    | 8.25                          | 2.50              | 3.50              | 4.88                 | 4.25                 |
| 10.00                    | 8.00                          | 2.50              | 4.75              | 5.13                 | 4.38                 |
| 10.00                    | 7.88                          | 2.50              | 3.75              | 3.50                 | 2.88                 |
| 10.00                    | 7.88                          | 2.00              | 3.50              | 4.50                 | 3.63                 |
| 10.00                    | 7.44                          | 2.00              | 2.00              | 4.50                 | 3.00                 |
| 10.00                    | 8.38                          | 2.13              | 1.75              | 4.00                 | 3.25                 |
| 10.00                    | 8.50                          | 1.38              | 1.75              | 4.00                 | 1.00 - 2.75          |

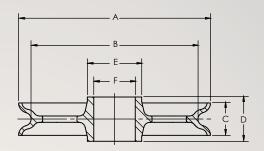




#### Sheaves Products Manganese & Cast Steel







#### **SPECIFICATIONS**

| SHEAVE # | ROPE SIZE<br>(INCHES) | APPROX.<br>WEIGHT<br>(LBS) | MATERIAL   |
|----------|-----------------------|----------------------------|------------|
| A-12     | 3/4 - 7/8             | 15                         | Manganese  |
| T-12     | 3/4 - 7/8             | 17                         | Manganese  |
| 412A     | 3/4 - 1               | 23                         | Manganese  |
| 512      | 7/8 - 1               | 26                         | Manganese  |
| 2212     | 1 1/8 - 1 1/4         | 28                         | Manganese  |
| F-12     | 1 1/8 - 1 1/4         | 31                         | Manganese  |
| 2212TM   | 1 1/8 - 1 1/4         | 28                         | Manganese  |
| 312      | 1 1/4 - 1 3/8         | 26                         | Manganese  |
| 6174     | 5/8 - 3/4             | 29                         | Cast Steel |
| 6175     | 5/8 - 3/4             | 36                         | Cast Steel |
| 10450    | 7/8                   | 23                         | Manganese  |
| 103220   | 3/4 - 7/8             | 26                         | Manganese  |
| T-14     | 3/4 - 7/8             | 23                         | Manganese  |
| 414      | 3/4 - 1               | 27                         | Manganese  |
| 514      | 7/8 - 1               | 36                         | Manganese  |
| 2214     | 1 1/8 - 1 1/4         | 40                         | Manganese  |
| F-14     | 1 3/8 - 1 1/2         | 52                         | Manganese  |
| 2214TM   | 1 1/4 - 1 1/2         | 52                         | Manganese  |
| 2014     | 1 1/2 - 1 3/4         | 52                         | Manganese  |
| 127920   | 7/8                   | 38                         | Manganese  |
| 5375-2   | 3/4 - 1               | 33                         | Manganese  |
| 416      | 3/4 - 1               | 30                         | Manganese  |
| 2216     | 1 1/8 - 1 1/4         | 48                         | Manganese  |
| 16W      | 1 - 1 3/8             | 120                        | Manganese  |
| F-16     | 1 1/2 - 1 3/4         | 105                        | Manganese  |
| 2016     | 1 1/2 - 1 3/4         | 66                         | Manganese  |
| 2616     | 1 1/2 - 1 3/4         | 89                         | Manganese  |
| 6176     | 7/8 - 1               | 63                         | Cast Steel |

#### **DIMENSIONS (IN)**

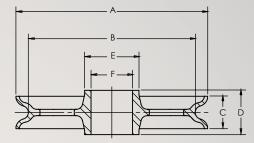
| A<br>Outside<br>Diameter | <b>B</b><br>TREAD<br>DIAMETER | C<br>RIM<br>WIDTH | D<br>Hub<br>Width | E<br>HUB<br>DIAMETER | F<br>Bore<br>Min-Max |
|--------------------------|-------------------------------|-------------------|-------------------|----------------------|----------------------|
| 12.00                    | 10.88                         | 1.38              | 3.13              | 3.25                 | 2.50                 |
| 12.00                    | 10.38                         | 2.00              | 3.38              | 4.31                 | 3.75                 |
| 12.00                    | 10.00                         | 2.50              | 3.63              | 5.00                 | 4.25                 |
| 12.00                    | 10.00                         | 2.50              | 3.75              | 3.50                 | 2.88                 |
| 12.00                    | 10.00                         | 2.50              | 5.25              | 5.13                 | 4.38                 |
| 12.00                    | 9.75                          | 3.00              | 4.25              | 5.63                 | 4.88                 |
| 12.00                    | 10.25                         | 2.00              | 4.25              | 5.63                 | 4.88                 |
| 12.00                    | 10.00                         | 2.13              | 3.50              | 4.50                 | 3.63                 |
| 12.00                    | 10.25                         | 1.50              | 2.25              | 4.25                 | 1 - 3                |
| 14.00                    | 12.25                         | 1.50              | 2.38              | 5.00                 | 1 - 3                |
| 14.00                    | 12.13                         | 1.50              | 2.13              | 5.13                 | 3.00                 |
| 14.00                    | 12.75                         | 1.75              | 3.50              | 5.25                 | 2.50 - 4.25          |
| 14.00                    | 12.00                         | 2.00              | 3.44              | 4.31                 | 3.75                 |
| 14.00                    | 12.00                         | 2.50              | 3.50              | 4.88                 | 4.25                 |
| 14.00                    | 11.50                         | 2.50              | 3.75              | 3.50                 | 2.88                 |
| 14.00                    | 12.00                         | 2.50              | 5.25              | 5.13                 | 4.38                 |
| 14.00                    | 11.25                         | 2.88              | 5.63              | 6.00                 | 4.88                 |
| 14.00                    | 11.25                         | 2.88              | 5.63              | 6.00                 | 4.88                 |
| 14.00                    | 11.25                         | 2.75              | 4.75              | 5.75                 | 4.75                 |
| 15.00                    | 13.13                         | 1.75              | 2.00              | 4.50                 | 3.00                 |
| 16.00                    | 14.00                         | 2.50              | 3.00              | 5.00                 | 2.63                 |
| 16.00                    | 14.00                         | 2.50              | 3.50              | 5.13                 | 4.25                 |
| 16.00                    | 13.75                         | 2.50              | 5.50              | 5.63                 | 4.88                 |
| 16.00                    | 10.38                         | 7.00              | 7.50              | 5.75                 | 4.75                 |
| 16.00                    | 12.00                         | 3.75              | 4.00              | 8.50                 | 7.00                 |
| 16.00                    | 12.38                         | 3.00              | 4.50              | 6.00                 | 4.75                 |
| 16.00                    | 12.75                         | 3.50              | 7.00              | 9.00                 | 7.50                 |
| 16.00                    | 14.13                         | 1.75              | 2.75              | 7.00                 | 2.5-5.00             |



#### Sheaves Products Manganese & Cast Steel







#### **SPECIFICATIONS**

| SHEAVE # | ROPE SIZE<br>(INCHES) | APPROX.<br>WEIGHT<br>(LBS) | MATERIAL   |
|----------|-----------------------|----------------------------|------------|
| 6177     | 1 - 1 1/8             | 71                         | Cast Steel |
| 418      | 3/4 - 1               | 44                         | Manganese  |
| 180      | 1 1/8 - 1 3/8         | 66                         | Manganese  |
| 2218     | 1 1/8 - 1 1/4         | 65                         | Manganese  |
| 2218TM   | 1 1/4 - 1 1/2         | 65                         | Manganese  |
| 2000     | 1 1/8 - 1 1/4         | 88                         | Manganese  |
| 2220     | 1 - 1 1/8             | 57                         | Manganese  |
| 11055    | 1 1/8 - 1 1/4         | 95                         | Cast Steel |
| 6178     | 1 - 1 1/4             | 94                         | Cast Steel |
| 11096    | 3/4 - 1               | 105                        | Cast Steel |
| 6179     | 1 - 1 1/8             | 118                        | Cast Steel |
| 2222     | 1 - 1 1/4             | 75                         | Manganese  |
| 6180     | 1 - 1 1/4             | 130                        | Cast Steel |
| 6124     | 1 - 1 1/4             | 140                        | Cast Steel |
| 24W      | 1 1/4 - 1 3/8         | 220                        | Manganese  |
| 2400     | 1 - 1 1/8             | 105                        | Manganese  |
| 10382    | 1 1/2 - 1 3/4         |                            | Cast Steel |
| 2624     | 1 3/4 - 2             | 210                        | Cast Steel |
| 260000   | 1 1/4                 | 156                        | Manganese  |
| 3000     | 1 1/4 - 1 3/8         | 267                        | Manganese  |
| 3030     | 1 1/4 - 1 3/8         | 235                        | Manganese  |
| 10327    | 1 1/4 - 1 1/2         | 170                        | Manganese  |
| 10337    | 1 1/4 - 1 3/8         | 252                        | Manganese  |
| 6130     | 3 /4 - 1 1/8          | 175                        | Manganese  |
| 30W      | 1 3/8 - 1 1/2         | 350                        | Manganese  |
| 11060    | 1 1/4                 | 310                        | Manganese  |
| 3600     | 1 3/8 - 1 5/8         | 460                        | Manganese  |
| 102240   | 1 1/4                 |                            | Cast Steel |
| 10381    | 1 3/8 - 1 1/2         | 345                        | Manganese  |
| 422400   | 2 1/2 - 3 1/2         | 1200                       | Manganese  |
| 11061    | 1 1/8 - 1 1/4         | 650                        | Cast Steel |
| 614800   | 1 1/2 - 2             | 900                        | Manganese  |

#### **DIMENSIONS (IN)**

| A<br>OUTSIDE<br>DIAMETER | B<br>TREAD<br>DIAMETER | C<br>RIM<br>WIDTH | D<br>HUB<br>WIDTH | E<br>HUB<br>DIAMETER | F<br>BORE<br>MIN-MAX |
|--------------------------|------------------------|-------------------|-------------------|----------------------|----------------------|
| 18.00                    | 15.50                  | 2.00              | 2.75              | 7.50                 | 2.50-6.00            |
| 18.00                    | 16.00                  | 2.50              | 3.50              | 5.13                 | 4.25                 |
| 18.00                    | 14.75                  | 4.00              | 4.88              | 5.75                 | 4.88                 |
| 18.00                    | 15.75                  | 2.50              | 5.50              | 5.63                 | 4.88                 |
| 18.00                    | 15.50                  | 3.00              | 4.19              | 5.75                 | 4.88                 |
| 20.00                    | 17.50                  | 15.50             | 6.00              | 7.50                 | 6.38                 |
| 20.00                    | 17.38                  | 2.50              | 4.00              | 5.75                 | 4.75 - 4.875         |
| 20.00                    | 17.00                  | 2.75              | 3.25              | 7.25                 | 4.50-5.75            |
| 20.00                    | 17.25                  | 2.00              | 2.63              | 7.75                 | 2.75-6.50            |
| 21.00                    | 19.25                  | 2.50              | 3.75              | 7.00                 | 5.50                 |
| 22.00                    | 19.25                  | 2.13              | 3.00              | 7.75                 | 2.75-6.50            |
| 22.00                    | 19.75                  | 3.00              | 4.00              | 5.75                 | 4.75-4.625           |
| 24.00                    | 21.25                  | 2.25              | 3.00              | 7.50                 | 3.25-6.50            |
| 24.00                    | 20.50                  | 3.25              | 4.13              | 7.50                 | 6.50                 |
| 24.00                    | 18.50                  | 7.00              | 7.25              | 5.75                 | 4.75                 |
| 24.00                    | 20.50                  | 4.50              | 6.75              | 7.50                 | 6.88                 |
| 24.00                    | 20.00                  | 3.50              | 9 3/8 - 7         | 10.88                | 8.63                 |
| 24.00                    | 20.50                  | 3.50              | 7.25              | 8.50                 | 7.00                 |
| 26.00                    | 23.50                  | 2.75              | 3.88              | 10.50                | 4.00-8.50            |
| 30.00                    | 26.00                  | 5.00              | 8.00              | 8.75                 | 7.25-7.50            |
| 30.00                    | 26.25                  | 5.00              | 8.00              | 7.50                 | 6.38                 |
| 30.00                    | 26.25                  | 3.25              | 4.25              | 8.38                 | 6.50                 |
| 30.00                    | 23.25                  | 3.50              | 3.75              | 5.75                 | 3.50                 |
| 30.00                    | 26.88                  | 2.50              | 3.75              | 7.00                 | 4.88                 |
| 30.00                    | 24.50                  | 7.00              | 7.25              | 9.00                 | 7.25-7.50            |
| 32.63                    | 29.50                  | 2.50              | 3.75              | 10.00                | 7.00-8.50            |
| 36.00                    | 30.00                  | 6.00              | 7.38              | 9.38                 | 7.25-7.50            |
| 36.00                    | 33.00                  | 3.00              | 3.25              | -                    | 6.50                 |
| 42.00                    | 38.25                  | 3.50              | 4.00              | 10.75                | 9.00                 |
| 42.00                    | 35.00                  | 5.25              | 6.25              | 12.00                | 6.5-9.00             |
| 47.00                    | 43.75                  | 3.00              | 5.25              | 10.00                | 6.75-8.50            |
| 48.00                    | 44.13                  | 4.38              | 6.25              | 12.50                | 9.00                 |



# Fairleads Products





## Balanced Head Fairleads Single Sheave—Flange Mounted

- Cast manganese sheaves
- Sheaves feature tapered roller bearings
- Head revolves 360° on bearings
- Alloy steel pins
- Will withstand the breaking strength of new 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications rigged at 90° angles

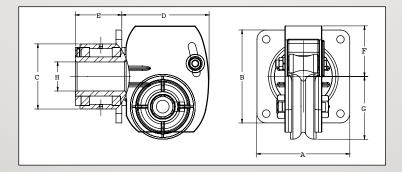
| SI ECHICA    |     |                                   |                 |                   |                 |            |
|--------------|-----|-----------------------------------|-----------------|-------------------|-----------------|------------|
| MODEL NUMBER |     | WIRE<br>ROPE<br>SIZE <sup>2</sup> | Sheave<br>Dia.1 | Bolt Hole<br>Dia. | BOLT<br>HOLE #s | LBS<br>KGS |
| FF-6         | in. | 3/8                               | 6               | 0.95              | 4               | 70         |
| FF-0         | mm. | 9                                 | 152             | 24.00             | 4               | 31         |
| FF-7         | in. | 1/2                               | 7               | 0.95              | 4               | 105        |
| FF-/         | mm. | 13                                | 178             | 24.00             | 4               | 48         |
| FF-80        | in. | 1/2-3/4                           | 8               | 0.82              | 8               | 125        |
| 11-00        | mm. | 13-19                             | 203             | 21.00             | 0               | 57         |
| FF-10        | in. | 3/4-1                             | 10              | 1.06              | 8               | 285        |
| FF-10        | mm. | 19-25                             | 254             | 27.00             | 0               | 129        |
| SK100F       | in. | 3/4-1                             | 10              | 1.06              | 8               | 295        |
| SKTUUF       | mm. | 19-25                             | 254             | 27.00             | 0               | 134        |

**SPECIFICATIONS** 

#### **DIMENSIONS (IN)**

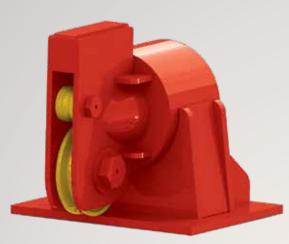
|     | A      | В      | C      | D      | E      | F      | G      | н      |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|
| in. | 10.00  | 10.00  | 6.50   | 8.13   | 5.25   | 5.25   | 6.81   | 2.00   |
| mm. | 254.00 | 254.00 | 165.00 | 206.00 | 133.00 | 133.00 | 173.00 | 51.00  |
| in. | 10.00  | 10.00  | 8.00   | 9.25   | 5.00   | 6.38   | 8.13   | 3.13   |
| mm. | 254.00 | 254.00 | 203.00 | 235.00 | 127.00 | 162.00 | 206.00 | 79.00  |
| in. | 14.00  | 14.00  | 10.50  | 10.50  | 6.25   | 7.25   | 8.75   | 5.25   |
| mm. | 356.00 | 356.00 | 267.00 | 267.00 | 159.00 | 184.00 | 222.00 | 133.00 |
| in. | 18.50  | 18.50  | 11.00  | 14.25  | 10.00  | 8.75   | 10.50  | 3.00   |
| mm. | 470.00 | 470.00 | 279.00 | 362.00 | 254.00 | 222.00 | 267.00 | 76.00  |
| in. | 14.00  | 14.00  | 12.50  | 12.25  | 7.50   | 8.75   | 11.50  | 6.00   |
| mm. | 356.00 | 356.00 | 318.00 | 311.00 | 191.00 | 222.00 | 292.00 | 152.00 |

Please contact us for any custom product or non-standard sizes.









# Balanced Head Fairleads Single Sheave—Deck Mounted

- Available as standard and wide throat (mooring) models for easy passing of wire rope eyes, splices and shackles
- Cast manganese sheaves
- Sheaves feature tapered roller bearings
- Bronze bushed sheaves with stainless steel pins available on request
- Head revolves 360° on roller bearings
- Alloy steel pins
- Will withstand the breaking strength of new 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications rigged at 90° angles

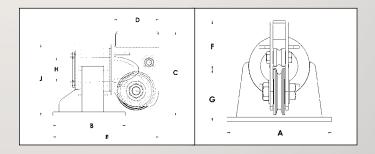
| SPECIFICATIONS | SP | PEC | IFIC | :ATI | ON | IS |
|----------------|----|-----|------|------|----|----|
|----------------|----|-----|------|------|----|----|

| MODEL NUMBER |     | WIRE ROPE<br>SIZE <sup>2</sup> | SHEAVE<br>DIA.1 | BOLT<br>Hole<br>Dia. | LBS<br>KGS |
|--------------|-----|--------------------------------|-----------------|----------------------|------------|
| F-6          | in. | 3/8                            | 6               | 0.95                 | 70         |
| F-0          | mm. | 10                             | 152             | 24.00                | 32         |
| F-7          | in. | 1/2                            | 7               | 0.95                 | 105        |
| F-7          | mm. | 13                             | 178             | 21.00                | 48         |
| F-802        | in. | 1/2-3/4                        | 8               | 0.95                 | 170        |
| F-002        | mm. | 13-19                          | 203             | 21.00                | 77         |
| F-10         | in. | 3/4-1                          | 10              | 1.03                 | 435        |
| F-10         | mm. | 19-25                          | 254             | 26.00                | 197        |
| F-1002       | in. | 3/4-1                          | 10              | 1.03                 | 400        |
| F-1002       | mm. | 19-25                          | 254             | 26.00                | 181        |

Please contact us for any custom product or non-standard sizes.

#### **DIMENSIONS (IN)**

|     | A      | В      | C      | D      | E      | F      | G      | н      | J      |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| in. | 9.25   | 7.50   | 12.06  | 8.13   | 13.44  | 5.25   | 6.81   | 2.00   | 9.56   |
| mm. | 235.00 | 191.00 | 306.00 | 206.00 | 341.00 | 133.00 | 173.00 | 51.00  | 243.00 |
| in. | 11.00  | 8.00   | 14.50  | 9.25   | 15.50  | 6.38   | 8.13   | 3.13   | 11.63  |
| mm. | 279.00 | 203.00 | 368.00 | 235.00 | 394.00 | 162.00 | 206.00 | 79.00  | 295.00 |
| in. | 15.25  | 7.50   | 16.13  | 10.50  | 17.50  | 7.25   | 8.75   | 5.25   | 13.75  |
| mm. | 387.00 | 191.00 | 410.00 | 267.00 | 445.00 | 184.00 | 222.00 | 133.00 | 349.00 |
| in. | 20.00  | 12.00  | 19.25  | 14.25  | 24.50  | 8.75   | 10.50  | 3.00   | 15.00  |
| mm. | 508.00 | 305.00 | 489.00 | 362.00 | 622.00 | 222.00 | 267.00 | 76.00  | 381.00 |
| in. | 12.00  | 20.00  | 20.25  | 12.25  | 21.88  | 8.75   | 11.50  | 6.00   | 17.13  |
| mm. | 305.00 | 508.00 | 514.00 | 311.00 | 557.00 | 222.00 | 292.00 | 152.00 | 435.00 |







## Balanced Head Fairleads Double Sheave—Flange Mounted

- Cast manganese sheaves
- Sheaves feature tapered roller bearings
- Head revolves 360° on bearings
- Alloy steel pins

DIMENSIONS (IN)

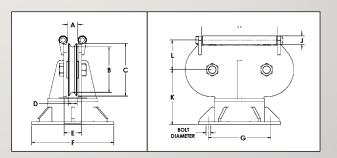
• Will withstand the breaking strength of new 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications rigged at 90° angles

#### **SPECIFICATIONS**

| MODEL NUMBER |     | WIRE<br>ROPE<br>SIZE <sup>2</sup> | BOLT DIA | BOLT<br>HOLE #s | LBS<br>KGS |
|--------------|-----|-----------------------------------|----------|-----------------|------------|
| UF 100-4     | in. | To 3/8                            | 0.50     | 6               | 53         |
| UF 100-4     | mm. | 10                                | 13.00    | 0               | 32         |
| UF 100-6     | in. | To 1/2                            | 0.63     | 6               | 125        |
| UF 100-0     | mm. | 13                                | 16.00    | 0               | 57         |
| UF 100-8     | in. | To 5/8                            | 0.63     | 6               | 155        |
| UF 100-0     | mm. | 16                                | 16.00    | 0               | 70         |
| UF 100-10    | in. | To 3/4                            | 0.63     | 6               | 185        |
| UF 100-10    | mm. | 19                                | 16.00    | 0               | 84         |
| UF 100-12    | in. | To 7/8                            | 0.75     | 6               | 360        |
| 0F 100-12    | mm. | 22                                | 19.00    | 0               | 163        |

Please contact us for any custom product or non-standard sizes.

#### Α в С D F G F н J. κ L. in. 1.00 2.75 4.00 1.38 3.00 10.00 8.38 4.44 1.50 6.38 2.69 162.00 25.00 70.00 102.00 35.00 254.00 213.00 113.00 38.00 mm. 76.00 68.00 in. 1.88 4.63 6.00 2.00 4.00 12.13 10.00 9.50 2.25 7.25 3.88 48.00 117.00 152.00 51.00 102.00 308.00 254.00 241.00 57.00 184.00 98.00 mm. in. 1.88 6.00 8.00 2.25 4.00 12.13 10.00 12.00 2.25 8.25 4.88 48.00 203.00 57.00 102.00 308.00 305.00 mm. 152.00 254.00 57.00 210.00 124.00 1.88 8.50 10.00 2.00 4.00 12.13 10.00 14.50 2.25 9.25 5.88 in. 308.00 149.00 48.00 216.00 254.00 51.00 102.00 254.00 368.00 57.00 235.00 mm. 2.38 10.00 12.00 2.50 5.38 15.75 13.50 18.44 2.25 11.75 7.00 in. 60.00 254.00 305.00 137.00 400.00 343.00 468.00 298.00 mm. 64.00 57.00 178.00









# Unbalanced Head Fairleads Single Sheave—Flange Mounted

- Cast manganese sheaves
- Sheaves feature tapered roller bearings
- Head revolves 360° on bearings
- Alloy steel pins
- Will withstand the breaking strength of new 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications rigged at 90° angles

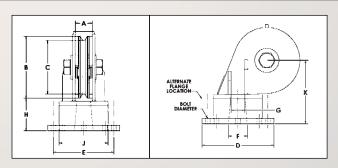
#### **SPECIFICATIONS**

| MODEL NUMBER |     | WIRE<br>ROPE<br>SIZE <sup>2</sup> | BOLT DIA | BOLT<br>HOLE #s | LBS<br>KGS |
|--------------|-----|-----------------------------------|----------|-----------------|------------|
| UF 50-4      | in. | To 3/8                            | 0.50     | Α               | 25         |
| UF 50-4      | mm. | 10                                | 13.00    | 4               | 16         |
| UF 50-6      | in. | To 1/2                            | 0.63     | 6               | 70         |
| 0F 00-0      | mm. | 13                                | 16.00    | 0               | 32         |
| UF 50-8      | in. | To 5/8                            | 0.63     | 6               | 85         |
| 0-00-0       | mm. | 16                                | 16.00    | 0               | 39         |

#### **DIMENSIONS (IN)**

|     | A     | В      | С      | D      | E      | F     | G     | н      | J      | к      |  |  |  |  |
|-----|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--|--|--|--|
| in. | 1.38  | 4.00   | 2.75   | 8.00   | 6.75   | 1.63  | 1.63  | 4.75   | 5.00   | 6.75   |  |  |  |  |
| mm. | 35.00 | 102.00 | 70.00  | 203.00 | 171.00 | 41.00 | 41.00 | 121.00 | 127.00 | 171.00 |  |  |  |  |
| in. | 2.00  | 6.00   | 4.63   | 9.75   | 7.88   | 2.00  | 2.00  | 5.25   | 6.25   | 8.25   |  |  |  |  |
| mm. | 51.00 | 152.00 | 117.00 | 248.00 | 200.00 | 51.00 | 51.00 | 133.00 | 159.00 | 210.00 |  |  |  |  |
| in. | 2.25  | 8.00   | 6.00   | 9.75   | 7.88   | 2.00  | 2.00  | 5.25   | 6.25   | 9.25   |  |  |  |  |
| mm. | 57.00 | 203.00 | 152.00 | 248.00 | 200.00 | 51.00 | 51.00 | 133.00 | 159.00 | 235.00 |  |  |  |  |

Please contact us for any custom product or non-standard sizes. <sup>1</sup>Roller sheave bearings on UF 50-4. <sup>2</sup>Specify rope size when ordering.









### Vertical Lead Sheaves Weld-Down or Bolt-Down Bases

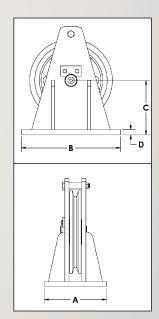
- Bronze bushed sheaves with optional tapered roller bearings
- Alloy steel pins
- Will withstand the breaking strength of new 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications rigged at 90° angles
- Available on request:
  - Sheave sizes above 42"
  - Double sheave models
  - Custom dimensions

| MODEL NUMBER |     | SUGGESTED<br>WIRE SIZE | Sheave<br>Diameter | Pin<br>Diame-<br>Ter |
|--------------|-----|------------------------|--------------------|----------------------|
| VLS-4        | in. | 1/4-3/8                | 4                  | 3/4                  |
| VL3-4        | mm. | 6-10                   | 101                | 19                   |
| VLS-6        | in. | 5/16-1/2               | 6                  | 1                    |
| VL3-0        | mm. | 8-13                   | 152                | 25                   |
| VLS-8        | in. | 3/8-5/8                | 8                  | 1 1/2                |
| VLS-0        | mm. | 10-16                  | 203                | 38                   |
| VLS-12       | in. | 1/2-3/4                | 12                 | 2                    |
| VL5-12       | mm. | 13-19                  | 305                | 51                   |
| VLS-14       | in. | 5/8-3/4                | 14                 | 2 1/2                |
| VL3-14       | mm. | 16-19                  | 356                | 64                   |
| VLS-16       | in. | 3/4-1                  | 16                 | 2 1/2                |
| VL3-10       | mm. | 19-25                  | 406                | 64                   |
| VLS-18       | in. | 3/4-1                  | 18                 | 2 1/4                |
| VL3-10       | mm. | 19-25                  | 457                | 56                   |

**SPECIFICATIONS** 

#### **DIMENSIONS (IN)**

|     | A      | В      | C      | D     |  |  |  |  |  |
|-----|--------|--------|--------|-------|--|--|--|--|--|
| in. | 4.00   | 6.00   | 3.00   | 0.50  |  |  |  |  |  |
| mm. | 102.00 | 152.00 | 76.00  | 13.00 |  |  |  |  |  |
| in. | 4.00   | 8.00   | 4.50   | 0.50  |  |  |  |  |  |
| mm. | 102.00 | 203.00 | 114.00 | 13.00 |  |  |  |  |  |
| in. | 6.50   | 10.00  | 6.00   | 0.63  |  |  |  |  |  |
| mm. | 165.00 | 305.00 | 152.00 | 19.00 |  |  |  |  |  |
| in. | 9.50   | 16.00  | 8.00   | 0.88  |  |  |  |  |  |
| mm. | 241.00 | 406.00 | 203.00 | 22.00 |  |  |  |  |  |
| in. | 9.50   | 16.00  | 9.00   | 0.88  |  |  |  |  |  |
| mm. | 241.00 | 406.00 | 229.00 | 22.00 |  |  |  |  |  |
| in. | 10.00  | 18.00  | 10.50  | 0.88  |  |  |  |  |  |
| mm. | 254.00 | 457.00 | 267.00 | 22.00 |  |  |  |  |  |
| in. | 11.00  | 19.00  | 12.50  | 1.00  |  |  |  |  |  |
| mm. | 279.00 | 483.00 | 318.00 | 25.00 |  |  |  |  |  |







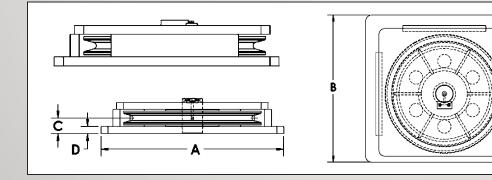


#### Horizontal Lead Sheaves Weld-Down or Bolt-Down Bases

- Bronze bushed sheaves
- Optional Bronze Bushing or Roller Bearing
- Alloy steel pins
- Will withstand the breaking strength of new 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications rigged at 90° angles
- Available on request:
  - Sheave sizes above 42"
  - Double sheave models
  - Custom dimensions

#### DIMENSIONS (IN)

|     | A<br>WIDTH <sup>1</sup>                       | B<br>LENGTH   | C<br>Sheave<br>Center   | D<br>Base<br>Thickness   |  |
|-----|---|---|---|--|--|
| in. | 12.00   | 10.00   | 1.38  | 0.63   |  |
| mm. | 305.00  | 254.00  | 35.00   | 16.00  |  |
| in. | 18.00   | 18.00   | 1.75  | 0.75   |  |
| mm. | 457.00  | 457.00  | 44.00   | 19.00  |  |
| in. | 19.00   | 19.00   | 2.25  | 0.88   |  |
| mm. | 483.00  | 483.00  | 57.00   | 22.00  |  |
| in. | 21.00   | 21.00   | 2.50  | 0.88   |  |
| mm. | 533.00  | 533.00  | 64.00   | 22.00  |  |
| in. | 28.00   | 28.00   | 2.50  | 1.13   |  |
| mm. | 711.00  | 711.00  | 64.00   | 29.00  |  |
|     | mm.<br>in.<br>in.<br>in.<br>in.<br>in.<br>in. | WIDTH'           in.         12.00           mm.         305.00           in.         18.00           in.         457.00           in.         19.00           in.         21.00           in.         21.00           in.         533.00           in.         28.00 | WIDTH*         LENGTH           in.         12.00         10.00           mm.         305.00         254.00           in.         18.00         18.00           im.         457.00         457.00           im.         19.00         19.00           im.         21.00         21.00           im.         21.00         21.00           im.         533.00         533.00           im.         28.00         28.00 | A<br>WIDTH         B<br>LENGTH         SHEAVE<br>CENTER           in.         12.00         10.00         1.38           mm.         305.00         254.00         35.00           in.         18.00         18.00         1.75           mm.         457.00         457.00         44.00           in.         19.00         19.00         2.25           mm.         483.00         483.00         57.00           in.         21.00         21.00         2.50           mm.         533.00         533.00         64.00           in.         28.00         28.00         2.50 |  |





WARNING: Misuse of rigging equipment can result in serious injury up to and including loss of life. Only competent trained professionals should use Skookum products. Thoroughly inspect all equipment before each and every use and never use damaged or worn products. Skookum disclaims any liability resulting from the misuse of its products. Please take a moment to carefully review our maintenance and warnings page for more information.

#### **SPECIFICATIONS**

| MODEL NUMBER |     | WIRE ROPE<br>Size | Sheave<br>Diameter | pin<br>Diameter |
|--------------|-----|-------------------|--------------------|-----------------|
| HLS-8        | in. | 3/8-1/2           | 8                  | 1 1/2           |
| IL3-0        | mm. | 10-13             | 203                | 38              |
| HLS-12       | in. | 1/4-5/8           | 12                 | 2               |
| HL3-12       | mm. | 6-16              | 305                | 51              |
| HLS-14       | in. | 5/8-3/4           | 14                 | 2               |
| пL3-14       | mm. | 16-19             | 356                | 51              |
| HLS-16       | in. | 3/4-7/8           | 16                 | 3 1/2           |
| nL3-10       | mm. | 16-19             | 406                | 89              |
| HLS-18       | in. | 7/8-1             | 18                 | 3 1/2           |
| ⊓∟3-10       | mm. | 22-25             | 457                | 89              |





#### **Horizontal Deck Sheaves** 'O' and 'R' Style

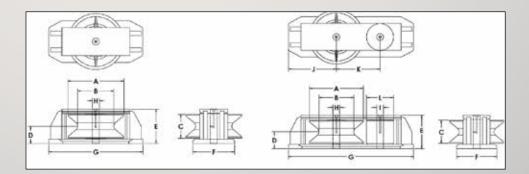
- Heavy duty, extra wide manganese steel sheaves •
- Sheaves feature tapered roller bearings •
- Bronze bushed sheaves optional •
- Available for wire and synthetic rope •
- Alloy steel pins •
- Will withstand the breaking strength of new 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications rigged at 90° angles

#### **SPECIFICATIONS**

| MODEL NUMBER |     | WIRE<br>Rope<br>Size | LBS/KGS |
|--------------|-----|----------------------|---------|
| DS-10W-0     | in. | 1 max                | 200     |
| D3-10W-0     | mm. | 25 max               | 90      |
| DS-16W-0     | in. | 1 1/4 max            | 360     |
| D3-10W-0     | mm. | 32 max               | 163     |
| DS-16W-R     | in. | 1 1/4 max            | 570     |
| D3-10W-h     | mm. | 32 max               | 259     |
| DS-24W-0     | in. | 1 3/8 max            | 621     |
| D3-24W-0     | mm. | 35 max               | 282     |
| DS-30W-0     | in. | 1 1/2 max            | 1000    |
| DS-30W-0     | mm. | 38 max               | 454     |

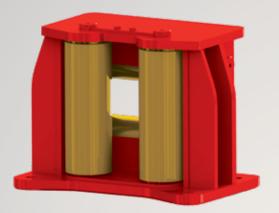
#### NICLONIC (INI)

| LBS/KGS |     | A      | в      | С      | D      | E      | F      | G       | н     | J     | к      | L      | м      |  |
|---------|-----|--------|--------|--------|--------|--------|--------|---------|-------|-------|--------|--------|--------|--|
| 200     | in. | 10.00  | 8.00   | 5.50   | 4.00   | 7.75   | 7.75   | 17.00   | 2.25  |       |        |        |        |  |
| 90      | mm. | 254.00 | 203.00 | 140.00 | 102.00 | 197.00 | 197.00 | 432.00  | 57.00 | -     | -      | -      |        |  |
| 360     | in. | 16.00  | 10.00  | 7.00   | 5.00   | 10.00  | 12.00  | 27.00   | 2.00  | Ι     | -      | Ι      | -      |  |
| 163     | mm. | 406.00 | 254.00 | 178.00 | 127.00 | 254.00 | 305.00 | 686.00  | 51.00 |       | -      | Ι      |        |  |
| 570     | in. | 16.00  | 10.00  | 7.00   | 5.00   | 10.00  | 12.00  | 37.25   | 2.00  | 2.00  | 14.25  | 13.00  | 8.00   |  |
| 259     | mm. | 406.00 | 254.00 | 178.00 | 127.00 | 254.00 | 305.00 | 946.00  | 51.00 | 51.00 | 362.00 | 330.00 | 203.00 |  |
| 621     | in. | 24.00  | 18.50  | 7.00   | 5.13   | 10.25  | 18.00  | 35.00   | 2.00  | —     |        | -      |        |  |
| 282     | mm. | 610.00 | 470.00 | 178.00 | 130.00 | 260.00 | 457.00 | 889.00  | 51.00 | -     | —      | -      |        |  |
| 1000    | in. | 30.00  | 24.50  | 7.00   | 5.25   | 10.50  | 22.00  | 41.00   | 2.00  |       |        |        |        |  |
| 454     | mm. | 762.00 | 622.00 | 178.00 | 133.00 | 267.00 | 559.00 | 1041.00 | 51.00 | —     | —      | —      |        |  |









# Roller Fairleads Bolt-Down Style

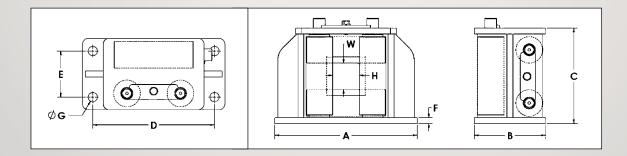
- Alloy steel rollers—heat treated
- Bronze bushings
- Alloy steel pins
- Bolt down bases

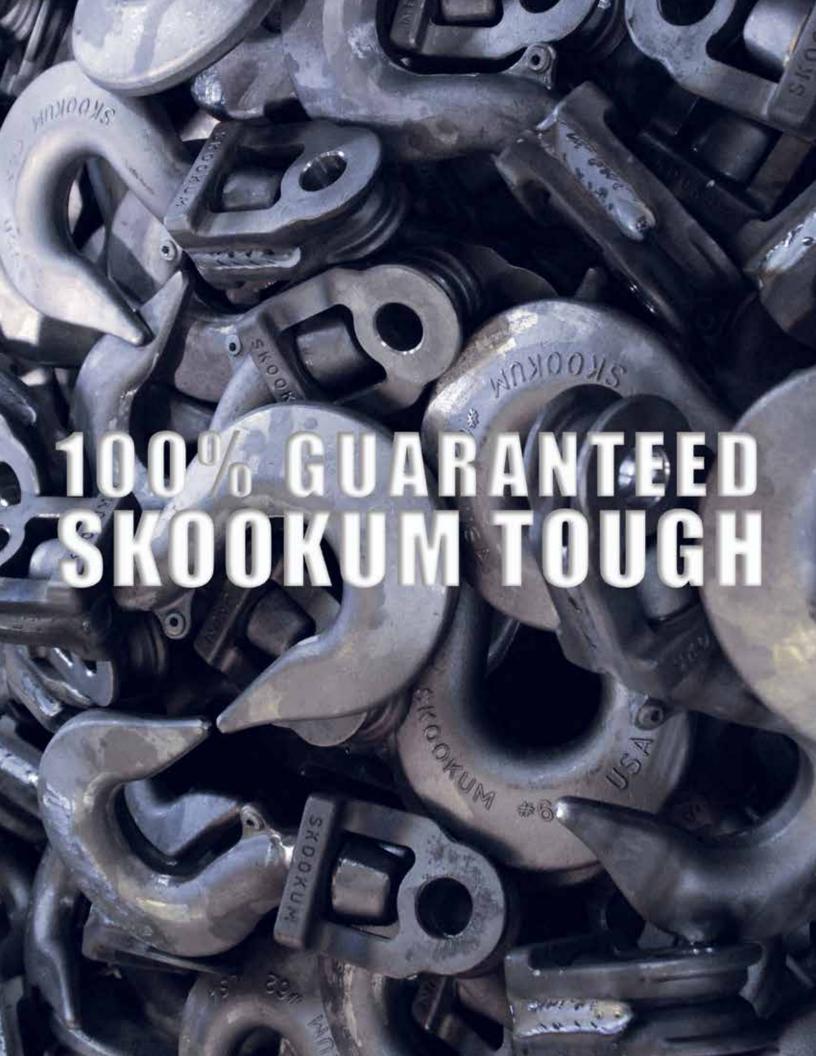
#### **SPECIFICATIONS**

| MODEL<br>NUMBER |     | WIRE ROPE<br>SIZE <sup>2</sup> | Vertical<br>Roller | HORIZONTAL<br>ROLLER | OPENING<br>W x H | BOLT<br>HOLE #s | LBS<br>KGS |
|-----------------|-----|--------------------------------|--------------------|----------------------|------------------|-----------------|------------|
|                 | in. | 5/16-3/8                       | 2 1/4x6 1/2        | 2 1/4x6 1/2          | 2 1/4x2 1/4      | 4               | 52         |
| RFB-0           | mm. | 8-10                           | 57x165             | 57x165               | 57x57            | 4               | 24         |
| RFB-1           | in. | 5/8-7/8                        | 4x11 3/8           | 4x11 3/8             | 2 3/4x2 3/4      | 4               | 235        |
| KFD-I           | mm. | 16-22                          | 102x289            | 102x289              | 70x70            | 4               | 107        |
| RFB-2           | in. | 1-1 1/4                        | 6x15 3/8           | 5x11                 | 5x4              | 4               | 700        |
| nrö-Z           | mm. | 25-32                          | 152x391            | 127x279              | 127x102          | 4               | 318        |

#### DIMENSIONS (IN)

|     | A      | В      | C      | D      | E      | F     | G     | Н     |
|-----|--------|--------|--------|--------|--------|-------|-------|-------|
| in. | 12.00  | 5.25   | 8.19   | 10.25  | 3.88   | 0.50  | 0.78  | 1.00  |
| mm. | 305.00 | 133.00 | 208.00 | 260.00 | 98.00  | 13.00 | 20.00 | 25.00 |
| in. | 17.50  | 10.50  | 13.13  | 15.00  | 8.00   | 0.75  | 1.06  | 1.38  |
| mm. | 444.00 | 267.00 | 333.00 | 381.00 | 203.00 | 19.00 | 27.00 | 35.00 |
| in. | 26.00  | 17.00  | 18.50  | 22.00  | 12.50  | 1.13  | 1.53  | 1.50  |
| mm. | 660.00 | 432.00 | 470.00 | 559.00 | 318.00 | 29.00 | 39.00 | 38.00 |



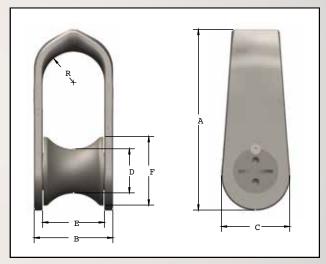






# **Mandel Fairlead Shackle**

- Forged, quenched and tempered
- Superior strength, hardness & uniformity
- Stainless steel mooring shackle with sleek shape designed to pass through fairleads
- Size & working load permanently imprinted



#### **SPECIFICATIONS**

| PART #  | WLL*<br>(TONNES) | PROOF<br>Load | ultimate<br>Load | WEIGHT<br>(KGS) | WEIGHT<br>(LBS) |  |
|---------|------------------|---------------|------------------|-----------------|-----------------|--|
| 1001265 | 60.00            | 70.00         | 120.00           | 17.90           | 39.50           |  |

#### **DIMENSIONS (IN)**

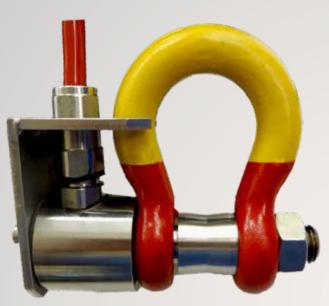
|      |     |      | -   |      |     |      |    | _    | _   | _    |     |      |    |
|------|-----|------|-----|------|-----|------|----|------|-----|------|-----|------|----|
| A    |     | В    |     | C    |     | D    |    | E    |     | F    |     | R    |    |
| IN   | ММ  | IN   | MM  | IN   | MM  | IN   | ММ | IN   | MM  | IN   | ММ  | IN   | MM |
| 13.2 | 335 | 5.75 | 146 | 5.10 | 130 | 3.20 | 81 | 4.50 | 114 | 5.00 | 127 | 2.25 | 57 |

<sup>\*</sup>All Load Weights in Metric Tonnes Additional sizes available by special order



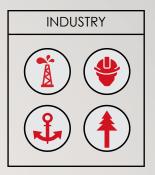


## Smart Shackle<sup>™</sup> Series Instrumented Load Shackles



**Proudly made by Skookum in the USA.** The only domestic load shackle with full certification, traceability and manufacturer''s warranty.

- Skookum Gold Standard Forgings
- 3.5 ton to 410 ton capacities.
- Provides load measurement with cabled output for use with the LCI-80x Smart Shackle<sup>™</sup> Controller.
- Compatible with digital displays, PLCs, data acquisition systems (DAC), etc.



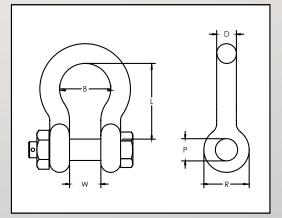
- Standard output: cabled 4-20mA.
- Optional outputs include: mV/V, RS-485, and wireless.
- Traceable calibration certificate provided.
- Applications include heavy lifting, cable tension monitoring, crane weighing, structural and other load testing.
- Ultimate load capacity at 300% of Working Load Limit

| PART #      | SIZE<br>(INCHES) | WLL <sup>1</sup><br>(TONS) | WEIGHT<br>(LBS) | Nominal<br>D | W           | L            | В    | R    | Р    |
|-------------|------------------|----------------------------|-----------------|--------------|-------------|--------------|------|------|------|
| SKM-1006458 | 5/8              | 3.50                       | 2.00            | .75          | 1.06 ± .063 | 2.50 ± .125  | 1.75 | 1.63 | 0.75 |
| SKM-1006459 | 1                | 7.00                       | 5.50            | 1.13         | 1.69 ± .063 | 3.75 ± .250  | 2.69 | 2.25 | 1.13 |
| SKM-1006466 | 1.125            | 12.00                      | 8.00            | 1.13         | 1.81 ± .063 | 4.25 ± .25   | 2.94 | 2.63 | 1.25 |
| SKM-1006456 | 2                | 52.00                      | 42.00           | 2.00         | 3.25 ± .125 | 7.75 ± .250  | 5.75 | 5.00 | 2.25 |
| SKM-1006457 | 3                | 117.00                     | 136.00          | 3.00         | 5.00 ± .126 | 13.00 ± .750 | 7.88 | 6.50 | 3.25 |

#### SPECIFICATIONS DIMENSIONS (IN)

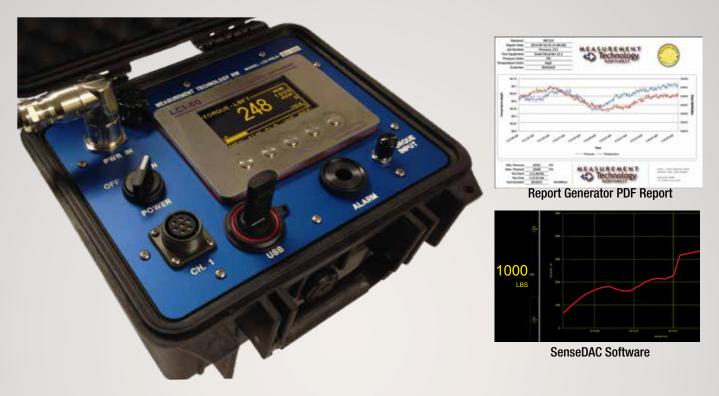
<sup>1</sup>Design factor is 3 to 1 IP PROTECTION: IP67/68 ACCURACY: +/- 1% OPERATING TEMP: -250 C to +700 C

Please contact us for any custom product or non-standard sizes.





# Smart Shackle<sup>™</sup> Series Instrumentation



#### LCI-80X SMART SHACKLE™ CONTROLLER BY MEASUREMENT TECHNOLOGY NORTHWEST

Portable Testing & Data Acquisition System

- Display and monitor one or more Smart Shackle(s) in real time with USB data-logging, audible alarm, configurable set point alarms, relays and outputs for control functionality.
- Report Generator Software creates turn-key branded reports for load tests and other applications.
- SenseDAC software provides remote display of Smart Shackle load data in real time with graphical user interfaces featuring numerical, peak, trending load data, graphing, and reporting views. SenseDAC can bridge the gap between your Smart Shackle and cloud data monitoring.

#### **OTHER DISPLAY OPTIONS**



Wireless Handheld Display

Scoreboard

Dash Mount LCI-80x

SenseDAC Software

WARNING: Misuse of rigging equipment can result in serious injury up to and including loss of life. Only competent trained professionals should use Skookum products. Thoroughly inspect all equipment before each and every use and never use damaged or worn products. Skookum disclaims any liability resulting from the misuse of its products. Please take a moment to carefully review our maintenance and warnings page for more information.

www.SkookumTough.com





No. 263 Screw Pin Shackle Eyed Pin Available ½" - 3"



No. 264 Screw Pin Shackle Pin Hex Head Available ½" - 2"



No. 320 Safety Pin Shackle Available ½" - 4½"



No. 330 Towing Shackle Double Nut with Locking Bolts Available 7/8" - 4½"

Superior strength, hardness & uniformity

upon request

Enamel, zinc plate or galvanized finish

• Size & working load permanently imprinted

Alloy Anchor Shackles

All sizes are forged, guenched and tempered

Custom sizes & materials (stainless steel, etc.) are available

Skookum Gold Standard Forgings

• Material heat codes imprinted on bale and pin

#### STOCK # WLL<sup>1</sup> WEIGHT<sup>2</sup> SIZE (INCHES) (TONS) (LBS) #264 #320 #330 #263 5.00 626404 1/2 1.00 626304 632004 633004 7.00 2.00 626305 626405 632005 633005 5/8 626406 3/4 9.00 3.00 626306 632006 633006 626407 12.00 4.00 626307 632007 633007 7/8 1 16.00 626408 5.50 626308 632008 633008 18.00 8.00 626309 626409 632009 633009 1 1/8 21.00 11.00 626310 626410 633010 1 1/4 632010 1 3/8 26.00 14.00 626311 626411 632011 633011 1 1/2 31.00 18.00 626312 623412 632012 633012 626413 632013 633013 1 5/8 35.00 23.00 626313 1 3/4 41.00 30.00 626314 626414 632014 633014 42.00 626316 626416 632016 633016 2 52.00 2 1/4 67.00 57.00 626318 623418 632018 633018 82.00 85.00 628320 626420 632020 633020 2 1/2 2 3/4 104.00 100.00 626322 626422 632022 633022 117.00 136.00 626324 626424 632024 633024 3 3 1/2 150.00 256.00 632028 633028 4 175.00 310.00 632032 633032

#### **DIMENSIONS (IN)**

| D            | W            | L           | В     | R    | Р    |
|--------------|--------------|-------------|-------|------|------|
| 0. <b>50</b> | 0.81 ± .125  | 1.88 ± .125 | 1.28  | 1.44 | 0.63 |
| 0.63         | 1.06 ± .0625 | 2.50 ± .125 | 1.75  | 1.63 | 0.75 |
| 0.75         | 1.25 ± .0625 | 2.88 ± .25  | 2.00  | 1.84 | 0.88 |
| 0.88         | 1.44 ± .0625 | 3.31 ± .25  | 2.28  | 2.13 | 1.00 |
| 1.00         | 1.69 ± .0625 | 3.75 ± .25  | 2.69  | 2.25 | 1.13 |
| 1.13         | 1.81 ± .0625 | 4.25 ± .25  | 2.94  | 2.63 | 1.25 |
| 1.25         | 2.03 ± .0625 | 4.63 ± .25  | 3.25  | 3.00 | 1.38 |
| 1.38         | 2.25 ± .125  | 5.25 ± .25  | 3.63  | 3.25 | 1.50 |
| 1.50         | 2.38 ± .125  | 5.75 ± .25  | 3.88  | 3.44 | 1.63 |
| 1.63         | 2.63 ± .125  | 6.25 ± .25  | 4.63  | 4.00 | 1.75 |
| 1.75         | 2.88 ± .125  | 7.00 ± .25  | 5.00  | 4.25 | 2.00 |
| 2.00         | 3.25 ± .125  | 7.75 ± .50  | 5.75  | 5.00 | 2.25 |
| 2.25         | 3.88 ± .125  | 9.25 ± .50  | 6.50  | 5.50 | 2.50 |
| 2.50         | 4.13 ± .125  | 10.50 ± .50 | 7.25  | 5.88 | 2.75 |
| 2.75         | 4.50 ± .125  | 11.50 ± .75 | 7.50  | 6.25 | 3.00 |
| 3.00         | 5.00 ± .125  | 13.00 ± .75 | 7.88  | 6.50 | 3.25 |
| 3.50         | 5.75 ± .25   | 15.00 ± .75 | 9.50  | 8.00 | 3.75 |
| 4.00         | 6.55 ± .25   | 17.00 ± .75 | 11.00 | 9.25 | 4.25 |

<sup>1</sup>Ton=2,00lbs - Design factor is 5 to 1.

<sup>2</sup>Weights vary slightly with style of shackle pin used. Specifications subject to change without notice.



WARNING: Misuse of rigging equipment can result in serious injury up to and including loss of life. Only competent trained professionals should use Skookum products. Thoroughly inspect all equipment before each and every use and never use damaged or worn products. Skookum disclaims any liability resulting from the misuse of its products. Please take a moment to carefully review our maintenance and warnings page for more information.

#### SPECIFICATIONS







No. 270 Screw Pin Shackle Eyed Pin Available 1" thru 2"

No. 271 Screw Pin Shackle Hex Head Pin Available 1" thru 2"



No. 321 Safety Pin Shackle Available 1" thru 4½"



No. 325 Towing Shackle Double Nut with Locking Bolts Available 1½" thru 4½"

# **Alloy Chain Shackles**

- Skookum Gold Standard Forgings
- All sizes are forged, quenched and tempered
- Enamel, zinc plate or galvanized finish
- Custom sizes & materials (stainless steel, etc..) are available upon request
- Superior strength, hardness & uniformity
- Size & working load permanently imprinted
- Material heat codes imprinted on bale and pin

#### **SPECIFICATIONS**

\٨/

| SIZE     | WLL <sup>1</sup> | WEIGHT <sup>2</sup> |        | ST0    | CK #   |        |
|----------|------------------|---------------------|--------|--------|--------|--------|
| (INCHES) | (TONS)           | (LBS)               | #270   | #271   | #321   | #325   |
| 1        | 16.00            | 5.50                | 627008 | 627108 | 632108 | —      |
| 1 1/8    | 18.00            | 6.60                | 627009 | 627109 | 632109 | -      |
| 1 1/4    | 21.00            | 8.90                | 627010 | 627110 | 632110 | —      |
| 1 3/8    | 26.00            | 12.00               | 627011 | 627111 | 632111 | —      |
| 1 1/2    | 31.00            | 16.20               | 627012 | 627112 | 632112 | —      |
| 1 5/8    | 35.00            | 21.00               | 627013 | 627113 | 632113 | —      |
| 1 3/4    | 41.00            | 25.00               | 627014 | 627114 | 632114 | 632514 |
| 2        | 52.00            | 36.00               | 627016 | 627116 | 632116 | 632516 |
| 2 1/4    | 67.00            | 60.00               |        | —      | 632118 | 632518 |
| 2 1/2    | 82.00            | 74.00               | —      | —      | 632120 | 632520 |
| 2 3/4    | 104.00           | 90.00               | _      | -      | 632122 | 632522 |
| 3        | 117.00           | 110.00              |        | _      | 632124 | 632524 |
| 3 1/2    | 150.00           | 200.00              | _      | _      | 632128 | 632528 |
| 4        | 175.00           | 310.00              |        | _      | 632132 | 632532 |

#### **DIMENSIONS (IN)**

| D    | w            | L           | R    | Р    |
|------|--------------|-------------|------|------|
| 1.00 | 1.69 =/- 0.6 | 3.25 ± .25  | 2.25 | 1.13 |
| 1.13 | 1.81 ± 0.13  | 3.56 ± .25  | 2.63 | 1.25 |
| 1.25 | 2.03 ± .0625 | 3.94 ± .25  | 2.88 | 1.38 |
| 1.38 | 2.25 ± .125  | 4.44 ± .25  | 3.25 | 1.50 |
| 1.50 | 2.38 ± .125  | 4.88 ± .25  | 3.44 | 1.63 |
| 1.63 | 2.63 ± .125  | 5.25 ± .25  | 4.00 | 1.75 |
| 1.75 | 2.88 ± .125  | 5.75 ± .25  | 4.50 | 2.00 |
| 2.00 | 3.25 ± .125  | 6.75 ± .50  | 5.13 | 2.25 |
| 2.25 | 3.88 ± .125  | 7.13 ± .50  | 5.25 | 2.50 |
| 2.50 | 4.13 ± .125  | 8.00 ± .50  | 6.25 | 2.75 |
| 2.75 | 4.50 ± .125  | 8.25 ± .75  | 6.25 | 3.00 |
| 3.00 | 5.13 ± .125  | 9.00 ± .75  | 6.50 | 3.25 |
| 3.50 | 5.75 ± .25   | 10.50 ± .75 | 8.00 | 3.75 |
| 4.00 | 6.50 ± .25   | 12.00 ± .75 | 9.00 | 4.25 |

<sup>1</sup>Ton=2,00lbs - Design factor is 5 to 1.

<sup>2</sup>Weights vary slightly with style of shackle pin used. Specifications subject to change without notice.







# **Sheet Pile Shackle**

- The No. 59A shackles were specifically designed for pulling sheet piling. They are equipped with a easy opening pin which will not detach and become lost. No tools are required.
- Max opening with pin in open (unlocked) position
- Design factor is 5 to1
- Replacement pins must replaced or repaired by Skookum in Hubbard, OR.



#### **SPECIFICATIONS**

| SIZE  | PART # | WLL <sup>1</sup><br>(TONS) | WEIGHT<br>(LBS) | OPENING <sup>2</sup><br>J |
|-------|--------|----------------------------|-----------------|---------------------------|
| 1     | 605908 | 8.00                       | 10.00           | 1 3/4                     |
| 1 1/8 | 605909 | 10.00                      | 13.50           | 1 7/8                     |
| 1 1/4 | 605910 | 12.00                      | 18.00           | 2.00                      |
| 1 1/2 | 605912 | 17.00                      | 29.00           | 2 1/8                     |
| 1 3/4 | 605914 | 24.00                      | 45.00           | 2 1/2                     |
| 2     | 605916 | 30.00                      | 63.00           | 3.00                      |

<sup>1</sup>Design factor is 5 to 1.

 $^{2}$ Max opening with pin in open (unlocked) position. Tons = 2000lbs

WARNING: Misuse of rigging equipment can result in serious injury up to and including loss of life. Only competent trained professionals should use Skookum products. Thoroughly inspect all equipment before each and every use and never use damaged or worn products. Skookum disclaims any liability resulting from the misuse of its products. Please take a moment to carefully review our maintenance and warnings page for more information.

А

4.25

4.50

5.25

6.25

7.00

8.00

**DIMENSIONS (IN)** 

В

2.25

2.50

2.75

3.00

3.50

4.00

С

1.00

1.00

1.25

1.50

1.75

2.00

D

1.13

1.25

1.38

1.63

2.00

2.25

Е

7.00 ± .25

 $8.00 \pm .50$ 

9.00 ± .50

 $10.00 \pm .50$ 

 $11.00 \pm .50$ 

12.00 ± .75

F

0.63

0.75

0.88

1.13

1.25

1.38

Н

5.00

5.00

5.00

6.00

7.00

8.00

G 2.38

3.00

3.00

3.50

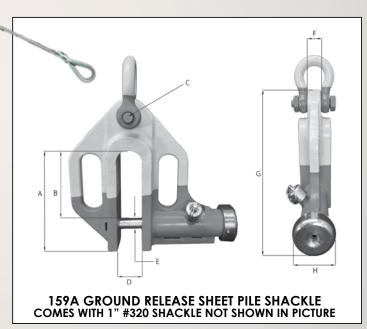
4.00

4.50





- Equipped with Skookum #320 bolt type anchor shackle
- Built with high-strength steel
- 12" lg. stainless steel release cable with thimble
- Design factor is 4 to1
- Repair Kit Available



#### **SPECIFICATIONS**

| PART # | WLL <sup>1</sup><br>(TONS) | WEIGHT<br>(LBS) | REPAIR KIT # |
|--------|----------------------------|-----------------|--------------|
| 615908 | 8.00                       | 45.00           | 615908K      |
| 615912 | 12.00                      | 70.00           | 615912K      |

<sup>1</sup>Design factor is 4 to 1. <sup>2</sup>Max opening with pin in open (unlocked) position. Tons = 2000lbs

#### **DIMENSIONS (IN)**

| A     | В    | C    | D    | E    | F    | G     | Н    |
|-------|------|------|------|------|------|-------|------|
| 9.00  | 6.38 | 0.94 | 2.00 | 1.13 | 1.00 | 11.68 | 3.50 |
| 10.75 | 8.13 | 1.19 | 2.25 | 1.13 | 1.50 | 15.25 | 4.00 |

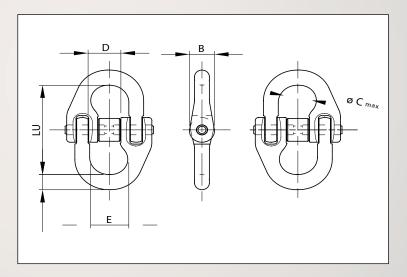




# **Connecting Link Series**



- Grade 8
- Design Factor 4:1
- Reliable & Durable
- Drop Forged Alloy
- Fatigue Tested per EN 1677-4
- Easily connect components to slings



#### **SPECIFICATIONS**

| CHAIN<br>IN. | PART #   | WLL <sup>1</sup><br>(LBS) | WEIGHT<br>(LBS) | PACKAGED<br>QTY |
|--------------|----------|---------------------------|-----------------|-----------------|
| .75          | 1810208R | 28300                     | 4.20            | 1               |
| .875         | 1810228R | 34200                     | 7.00            | 1               |
| 1.0          | 1810268R | 47700                     | 10.80           | 1               |
| 1.25         | 1810328R | 72300                     | 18.20           | 1               |

<sup>1</sup>Design factor is 4 to 1.

#### **DIMENSIONS (IN)**

| А    | В     | C       | D       | E       | LU     |
|------|-------|---------|---------|---------|--------|
| .75  | 1.00  | 1.3125  | 1. 5625 | 1.75    | 2      |
| .875 | 1.125 | 1.50    | 1.75    | 2.00    | 2.25   |
| 1.00 | 1.25  | 1.875   | 2.00    | 2.125   | 2.5625 |
| 1.25 | 1.50  | 2. 4375 | 2.25    | 2. 6875 | 3.125  |



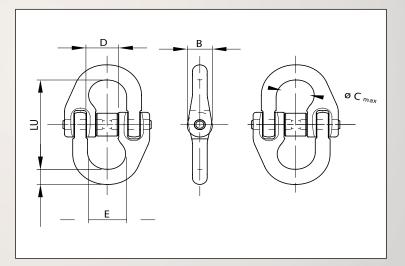


# **Masterlink Products**



# **Connecting Link Series**

- Grade 10
- Design Factor 4:1
- Reliable & Durable
- Drop Forged Alloy
- Fatigue Tested per EN 1677-4
- Easily connect components to slings



#### **SPECIFICATIONS**

| CHAIN<br>IN. | PART #   | WLL <sup>1</sup><br>(LBS) | WEIGHT<br>(LBS) | PACKAGED<br>QTY |
|--------------|----------|---------------------------|-----------------|-----------------|
| .25          | 281006HB | 3100                      | .20             | 30              |
| . 3125       | 281008HB | 5700                      | .40             | 30              |
| .375         | 281010HB | 8800                      | .70             | 20              |
| .50          | 281013HB | 15000                     | 1.50            | 1               |
| .625         | 281016HB | 22600                     | 2.50            | 1               |

<sup>1</sup>Design factor is 4 to 1.

#### **DIMENSIONS (IN)**

| А       | В     | C     | D      | E     | LU     |
|---------|-------|-------|--------|-------|--------|
| . 28125 | .4375 | .50   | .625   | .6875 | 1.75   |
| .50     | .625  | .6875 | .8125  | .875  | 2.1875 |
| .5625   | .75   | .875  | 1.00   | 1.125 | 2.6875 |
| .75     | 1.00  | 1.00  | 1.1875 | 1.375 | 3.75   |
| .875    | 1.125 | 1.25  | 1.4375 | 1.625 | 4.0625 |



# Products STOC .

85

Shoohun

Sile

151

64

ana

Signan

au

Vieles.

b

Man

-

P

â

19

USAMO



### Link Products

WARNING: Improper use of Links can result in serious bodily injury, property damage and/or death. Only properly trained and competent persons are allowed to use links in a proper application. Never exceed working load limit. Always inspect before use for wear damage and elongation. Do not impact load. Apply load slowly and with caution. Protect from sharp corners and objects. Do not bend or force. Do not use on oversize crane hooks where link does not fit in saddle of the hook. Protect from corrosion.

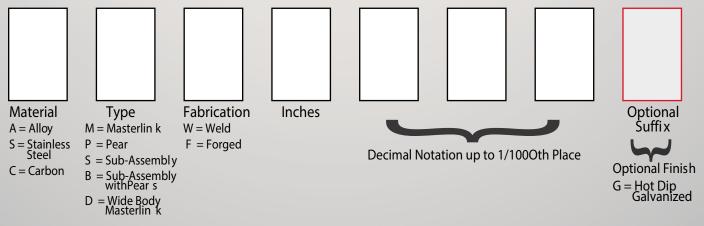
CARE: Care shall be taken so that abuse such as bending or distortion does not occur. They shall not be used in extremely corrosive environments without protective coating such as galvanizing. Before galvanizing, to avoid altering metallurgy or heat treatment, contact Skookum for instructions. Improper processing or use voids all working load ratings. If subjected to high temperatures the load rating shall be temporarily or permanently derated.

INSPECTION: Before use, inspect the link for wear, bending, elongation, collapse, cracks, corrosion damage, nicks and gouges. Immediately remove from service if any of these conditions are found.

NOTES:

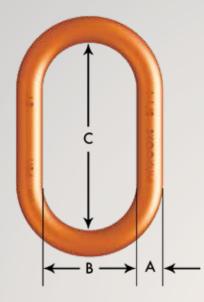
- 1. Links which are worn more than 5% of the original diameter shall be removed from service with proper disposal as referenced in Note 6.
- 2. Corrosion will deteriorate link material. Unless corrosion is very granular, apply wear criterion in Note 1 to determine if link must be removed from service. Any link with granular corrosion shall be removed from service with proper disposal as referenced in Note 6.
- 3. Wear criterion in Note 1 shall be applied to nicks and gouges.
- 4. Any bend in the link at inspection shall result in the link being removed from service with proper disposal as referenced in Note 6.
- 5. Links visibly distorted or twisted shall be removed from service with proper disposal as referenced in Note 6.
- 6. Any link discarded or removed from service shall be destroyed in a permanent manner such as cutting the link in half to ensure no possible future use.

## LINKS PART NUMBER DECODER



NOTE: Standard Finish is Painted Skookum<sup>®</sup> Orange





**SPECIFICATIONS** 

### Masterlink

- Alloy Steel with Orange Finish
- Quenched & Tempered
- Individual Proof Test Certification\* with each link
- Proof test fixture design prevents localized point loading per ASTM A952
- All links marked with material heat code for traceability, size, SKOOKUM, USA and A8 to signify grade 80
- Links 11/2" and smaller are drop forged
- Links 1¾" and larger are robotically welded

| 01 201         |                |         |                 |                   |                   |
|----------------|----------------|---------|-----------------|-------------------|-------------------|
| SIZE IN<br>(A) | SIZE MM<br>(A) | PART #  | WEIGHT<br>(LBS) | WLL 5:1<br>(TONS) | WLL 4:1<br>(TONS) |
| 1/2"           | 13.00          | AMF0500 | 0.80            | 3.50              | 4.38              |
| 5/8"           | 16.00          | AMF0625 | 1.50            | 4.50              | 5.63              |
| 3/4"           | 19.00          | AMF0750 | 2.10            | 6.15              | 7.69              |
| 1"             | 26.00          | AMF1000 | 4.90            | 12.18             | 15.23             |
| 1-1/4"         | 32.00          | AMF1250 | 9.60            | 19.55             | 24.44             |
| 1-1/2"         | 38.00          | AMF1500 | 16.20           | 31.15             | 38.94             |
| 1-3/4"         | 44.00          | AMW1750 | 25.20           | 42.45             | 53.06             |
| 2"             | 51.00          | AMW2000 | 37.00           | 51.30             | 64.13             |
| 2-1/4"         | 57.00          | AMW2250 | 54.10           | 71.55             | 89.44             |
| 2-1/2"         | 63.00          | AMW2500 | 67.80           | 80.00             | 100.00            |
| 2-3/4"         | 70.00          | AMW2750 | 87.70           | 108.45            | 135.56            |
| 3"             | 76.00          | AMW3000 | 115.00          | 114.00            | 142.50            |
| 3-1/2"         | 89.00          | AMW3500 | 200.00          | 139.50            | 174.38            |
| 4"             | 102.00         | AMW4000 | 228.00          | 186.50            | 233.13            |
| 4-1/2"         | 114.00         | AMW4500 | 345.00          | 180.00            | 225.00            |
| 5"             | 127.00         | AMW5000 | 516.00          | 197.50            | 246.88            |
| 5-1/2"         | 140.00         | AMW5500 | 675.00          | 247.95            | 309.94            |
| 6"             | 152.00         | AMW6000 | 875.00          | 303.05            | 378.81            |
| 6-1/2"         | 165.00         | AMW6500 | 1114.00         | 385.70            | 482.13            |
| 7"             | 178.00         | AMW7000 | 1390.00         | 413.25            | 516.56            |
|                |                |         |                 |                   |                   |

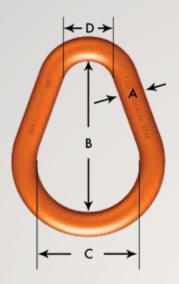
#### **DIMENSIONS (IN)**

| A    | В     | C     |        |  |  |  |  |  |  |
|------|-------|-------|--------|--|--|--|--|--|--|
| 0.50 | 2.50  | 5.00  | Forged |  |  |  |  |  |  |
| 0.63 | 3.00  | 6.00  | Forged |  |  |  |  |  |  |
| 0.75 | 2.75  | 5.50  | Forged |  |  |  |  |  |  |
| 1.00 | 3.50  | 7.00  | Forged |  |  |  |  |  |  |
| 1.25 | 4.38  | 8.75  | Forged |  |  |  |  |  |  |
| 1.50 | 5.25  | 10.50 | Forged |  |  |  |  |  |  |
| 1.75 | 6.00  | 12.00 | Welded |  |  |  |  |  |  |
| 2.00 | 7.00  | 14.00 | Welded |  |  |  |  |  |  |
| 2.25 | 8.00  | 16.00 | Welded |  |  |  |  |  |  |
| 2.50 | 8.00  | 16.00 | Welded |  |  |  |  |  |  |
| 2.75 | 9.50  | 16.00 | Welded |  |  |  |  |  |  |
| 3.00 | 9.00  | 18.00 | Welded |  |  |  |  |  |  |
| 3.50 | 12.00 | 24.00 | Welded |  |  |  |  |  |  |
| 4.00 | 10.00 | 20.00 | Welded |  |  |  |  |  |  |
| 4.50 | 14.00 | 28.00 | Welded |  |  |  |  |  |  |
| 5.00 | 15.00 | 30.00 | Welded |  |  |  |  |  |  |
| 5.50 | 16.00 | 32.00 | Welded |  |  |  |  |  |  |
| 6.00 | 18.00 | 36.00 | Welded |  |  |  |  |  |  |
| 6.50 | 20.00 | 40.00 | Welded |  |  |  |  |  |  |
| 7.00 | 21.00 | 42.00 | Welded |  |  |  |  |  |  |

Skookum Master Links are available in any diameter and any size. Please contact us for any custom product or non-standard sizes. \*Sizes 3-1/2" and above are proof tested at customer request only a certificate of conformance is still provided.







#### **Pear Link**

- Alloy Steel with Orange Finish
- Quenched & Tempered
- Individual Proof Test Certification\* with each link
- All links marked with material heat code for traceability, size, SKOOKUM, USA and A8 to signify grade 80
- Links 1" and smaller are drop forged
- Links 1 1/4" and larger are robotically welded

**DIMENSIONS (IN)** 

|         | ICAIIC  |         |                 |                   |                   | _ |      | LINU    | 0143 (1 |       |       |        |
|---------|---------|---------|-----------------|-------------------|-------------------|---|------|---------|---------|-------|-------|--------|
| SIZE IN | SIZE MM | PART #  | WEIGHT<br>(LBS) | WLL 5:1<br>(TONS) | WLL 4:1<br>(TONS) |   | IN   | A<br>MM | В       | C     | D     |        |
| 1/2"    | 13.00   | APF0500 | 0.50            | 3.50              | 4.38              | ľ | 0.50 | 13.00   | 3.00    | 2.00  | 1.00  | Forged |
| 5/8"    | 16.00   | APF0625 | 1.00            | 4.50              | 5.63              | ľ | 0.63 | 16.00   | 3.75    | 2.50  | 1.25  | Forged |
| 3/4"    | 19.00   | APF0750 | 1.80            | 6.15              | 7.69              | ľ | 0.75 | 19.00   | 4.50    | 3.00  | 1.50  | Forged |
| 7/8"    | 22.00   | APF0875 | 2.90            | 7.50              | 9.38              | ľ | 0.88 | 22.00   | 5.25    | 3.50  | 1.75  | Forged |
| 1"      | 25.00   | APF1000 | 4.40            | 12.18             | 15.23             | ľ | 1.00 | 25.00   | 6.00    | 4.00  | 2.00  | Forged |
| 1-1/4"  | 32.00   | APW1250 | 8.25            | 19.55             | 24.44             | ľ | 1.25 | 32.00   | 7.50    | 5.00  | 2.50  | Welded |
| 1-3/8"  | 35.00   | APW1375 | 11.25           | 21.50             | 26.88             | Ī | 1.38 | 35.00   | 8.25    | 5.50  | 2.75  | Welded |
| 1-1/2"  | 38.00   | APW1500 | 14.25           | 27.15             | 33.94             | Ī | 1.5  | 38.00   | 9.00    | 6.00  | 3.00  | Welded |
| 1-5/8"  | 41.00   | APW1625 | 18.50           | 31.30             | 39.13             | Ī | 1.63 | 41.00   | 9.75    | 6.50  | 3.25  | Welded |
| 1-3/4"  | 44.00   | APW1750 | 22.50           | 42.45             | 53.06             | ľ | 1.75 | 44.00   | 10.50   | 7.00  | 3.50  | Welded |
| 2"      | 51.00   | APW2000 | 34.00           | 51.30             | 64.13             | Ī | 2.00 | 51.00   | 12.00   | 8.00  | 4.00  | Welded |
| 2-1/4"  | 57.00   | APW2250 | 48.00           | 71.55             | 89.44             | Ī | 2.25 | 57.00   | 13.50   | 9.00  | 4.50  | Welded |
| 2-1/2"  | 63.00   | APW2500 | 66.00           | 80.00             | 100.00            | Ī | 2.50 | 63.00   | 15.00   | 10.00 | 5.00  | Welded |
| 2-3/4"  | 70.00   | APW2750 | 88.00           | 108.45            | 135.56            | Ī | 2.75 | 70.00   | 16.50   | 11.00 | 5.50  | Welded |
| 3"      | 76.00   | APW3000 | 114.00          | 114.00            | 142.50            | ſ | 3.00 | 76.00   | 18.00   | 12.00 | 6.00  | Welded |
| 3-1/2"  | 89.00   | APW3500 | 181.00          | 139.50            | 174.38            | ſ | 3.50 | 89.00   | 21.00   | 14.00 | 7.00  | Welded |
| 4"      | 102.00  | APW4000 | 271.00          | 186.50            | 233.13            | Ī | 4.00 | 102.00  | 24.00   | 16.00 | 8.00  | Welded |
| 4-1/2"  | 114.00  | APW4500 | 385.00          | 180.00            | 225.00            | Ī | 4.5  | 114.00  | 27.00   | 18.00 | 9.00  | Welded |
| 5"      | 127.00  | APW5000 | 527.00          | 197.50            | 246.88            | ſ | 5.00 | 127.00  | 30.00   | 20.00 | 10.00 | Welded |
| 5-1/2"  | 138.00  | APW5500 | 701.00          | 247.95            | 309.94            | ſ | 5.50 | 138.00  | 33.00   | 22.00 | 11.00 | Welded |
| 6"      | 152.00  | APW6000 | 911.00          | 303.05            | 378.81            | Ī | 6.00 | 152.00  | 36.00   | 24.00 | 12.00 | Welded |
| 6-1/2"  | 165.00  | APW6500 | 1158.00         | 385.70            | 482.13            | Ī | 6.50 | 165.00  | 39.00   | 26.00 | 13.00 | Welded |
| 7"      | 178.00  | APW7000 | 1446.00         | 413.25            | 516.56            | Ī | 7.00 | 178.00  | 42.00   | 28.00 | 14.00 | Welded |

#### **SPECIFICATIONS**

#### Skookum Master Links are available in any diameter and any size. Please contact us for any custom product or non-standard sizes.

\*Sizes 3-1/2" and above are proof tested at customer request only a certificate of conformance is still provided.

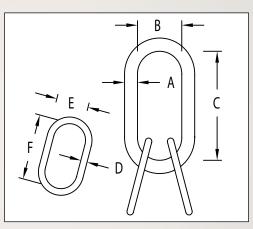






### Sub-Assembly MasterLink

- Alloy Steel with Orange Finish
- Quenched & Tempered
- Individual Proof Test Certification\* with each link
- All links marked with material heat code for traceability, size, SKOOKUM, USA and A8 to signify grade 80
- Links 11/2" and smaller are drop forged
- Links 1¾" and larger are robotically welded



#### **DIMENSIONS (IN)**

|         |         |         |                 |                   |                   |      | • •   |       |      |       |       |
|---------|---------|---------|-----------------|-------------------|-------------------|------|-------|-------|------|-------|-------|
| SIZE IN | SIZE MM | PART #  | WEIGHT<br>(LBS) | WLL 5:1<br>(TONS) | WLL 4:1<br>(TONS) | A    | В     | C     | D    | E     | F     |
| 1"      | 25.00   | ASW1000 | 12.00           | 12.18             | 15.23             | 1.00 | 3.50  | 7.00  | 0.75 | 2.75  | 5.50  |
| 1-1/4"  | 32.00   | ASW1250 | 20.00           | 19.55             | 24.44             | 1.25 | 4.38  | 8.75  | 1.00 | 3.50  | 7.00  |
| 1-1/2"  | 38.00   | ASW1500 | 36.00           | 27.15             | 33.94             | 1.50 | 5.25  | 10.50 | 1.25 | 4.38  | 8.75  |
| 1-3/4"  | 44.00   | ASW1750 | 58.00           | 42.45             | 53.06             | 1.75 | 6.00  | 12.00 | 1.50 | 5.25  | 10.50 |
| 2"      | 51.00   | ASW2000 | 69.00           | 51.30             | 64.13             | 2.00 | 7.00  | 14.00 | 1.50 | 5.25  | 10.50 |
| 2-1/2"  | 63.00   | ASW2500 | 142.00          | 80.00             | 100.00            | 2.50 | 8.00  | 16.00 | 2.00 | 7.00  | 14.00 |
| 2-3/4"  | 70.00   | ASW2750 | 196.00          | 108.45            | 135.56            | 2.75 | 9.50  | 16.00 | 2.25 | 8.00  | 16.00 |
| 3"      | 76.00   | ASW3000 | 251.00          | 114.00            | 142.50            | 3.00 | 9.00  | 18.00 | 2.50 | 8.00  | 16.00 |
| 3-1/2"  | 89.00   | ASW3500 | 375.00          | 139.50            | 174.38            | 3.50 | 12.00 | 24.00 | 2.75 | 9.50  | 16.00 |
| 4"      | 102.00  | ASW4000 | 404.00          | 186.50            | 233.13            | 4.00 | 10.00 | 20.00 | 2.75 | 9.50  | 16.00 |
| 4-1/2"  | 114.00  | ASW4500 | 575.00          | 180.00            | 225.00            | 4.50 | 14.00 | 28.00 | 3.00 | 9.00  | 18.00 |
| 5"      | 127.00  | ASW5000 | 916.00          | 197.50            | 246.88            | 5.00 | 15.00 | 30.00 | 3.50 | 12.00 | 24.00 |
| 5-1/2"  | 140.00  | ASW5500 | 1131.00         | 247.95            | 309.94            | 5.50 | 16.00 | 32.00 | 4.00 | 10.00 | 20.00 |
| 6"      | 152.00  | ASW6000 | 1565.00         | 303.05            | 378.81            | 6.00 | 18.00 | 36.00 | 4.50 | 14.00 | 28.00 |

Skookum Master Links are available in any diameter and any size. Please contact us for any custom product or non-standard sizes.

\*Sizes 3-1/2" and above are proof tested at customer request only a certificate of conformance is still provided.



**SPECIFICATIONS** 

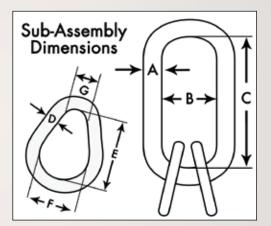




**SPECIFICATIONS** 

### **Sub-Assembly Pear Link**

- Alloy Steel with Orange Finish
- Quenched & Tempered
- Individual Proof Test Certification\* with each link
- All links marked with material heat code for traceability, size, SKOOKUM, USA and A8 to signify grade 80
- Pear Links 1" and smaller are drop forged
- Pear Links 11/4" and larger are robotically welded



#### **DIMENSIONS (IN)**

| SIZE IN | SIZE MM | PART #  | WEIGHT<br>(LBS) | WLL 5:1<br>(TONS) | WLL 4:1<br>(TONS) | А    | В     | C     | D    | E     | F     | G    |        |
|---------|---------|---------|-----------------|-------------------|-------------------|------|-------|-------|------|-------|-------|------|--------|
| 1-1/2"  | 38.00   | ABW1500 | 33.00           | 27.15             | 33.94             | 1.50 | 5.25  | 10.50 | 1.25 | 7.50  | 5.00  | 2.50 | Forged |
| 1-3/4"  | 44.00   | ABW1750 | 54.00           | 42.45             | 53.06             | 1.75 | 6.00  | 12.00 | 1.50 | 9.00  | 6.00  | 3.00 | Welded |
| 2"      | 51.00   | ABW2000 | 66.00           | 51.30             | 64.13             | 2.00 | 7.00  | 14.00 | 1.50 | 9.00  | 6.00  | 3.00 | Welded |
| 2-1/2"  | 63.00   | ABW2500 | 136.00          | 80.00             | 100.00            | 2.50 | 8.00  | 16.00 | 2.00 | 12.00 | 8.00  | 4.00 | Welded |
| 2-3/4"  | 70.00   | ABW2750 | 184.00          | 108.45            | 135.56            | 2.75 | 9.50  | 16.00 | 2.25 | 13.50 | 9.00  | 4.50 | Welded |
| 3"      | 76.00   | ABW3000 | 247.00          | 114.00            | 142.50            | 3.00 | 9.00  | 18.00 | 2.50 | 15.00 | 10.00 | 5.00 | Welded |
| 3-1/2"  | 89.00   | ABW3500 | 376.00          | 139.50            | 174.38            | 3.50 | 12.00 | 24.00 | 2.75 | 16.50 | 11.00 | 5.50 | Welded |
| 4"      | 102.00  | ABW4000 | 404.00          | 186.50            | 233.13            | 4.00 | 10.00 | 20.00 | 2.75 | 16.50 | 11.00 | 5.50 | Welded |
| 4-1/2"  | 114.00  | ABW4500 | 573.00          | 180.00            | 225.00            | 4.50 | 14.00 | 28.00 | 3.00 | 18.00 | 12.00 | 6.00 | Welded |
| 5"      | 127.00  | ABW5000 | 878.00          | 197.50            | 246.88            | 5.00 | 15.00 | 30.00 | 3.50 | 21.00 | 14.00 | 7.00 | Welded |
| 5-1/2"  | 140.00  | ABW5500 | 1217.00         | 247.95            | 309.94            | 5.50 | 16.00 | 32.00 | 4.00 | 24.00 | 16.00 | 8.00 | Welded |
| 6"      | 152.00  | ABW6000 | 1645.00         | 303.05            | 378.81            | 6.00 | 18.00 | 36.00 | 4.50 | 27.00 | 18.00 | 9.00 | Welded |

Skookum Master Links are available in any diameter and any size. Please contact us for any custom product or non-standard sizes. \*Sizes 3-1/2" and above are proof tested at customer request only a certificate of conformance is still provided.



# Forestry Products

#109 Knock Out Pin Shackle Item Located on Page 79

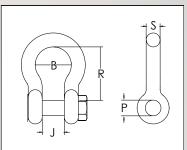


#### **101 Screw Pin Shackle**

With 1/8" oversize screw pin; most commonly used shackle for general rigging

| PART NO. | SIZE<br>(S) | WLL<br>(TONS) | Р    | J    | В    | R    | WEIGHT<br>(LBS) |
|----------|-------------|---------------|------|------|------|------|-----------------|
| 610105   | 5/8"        | 6.00          | 0.75 | 0.88 | 1.38 | 2.25 | 1.50            |
| 610106   | 3/4"        | 9.00          | 0.88 | 1.00 | 1.63 | 2.75 | 2.50            |
| 610107   | 7/8"        | 12.00         | 1.00 | 1.13 | 1.75 | 3.00 | 3.50            |
| 610108   | 1"          | 16.00         | 1.13 | 1.25 | 2.00 | 3.25 | 4.50            |
| 610109   | 1 1/8"      | 18.00         | 1.25 | 1.38 | 2.13 | 3.50 | 6.00            |
| 610110   | 1 1/4"      | 21.00         | 1.38 | 1.50 | 2.25 | 4.00 | 8.00            |
| 610111   | 1 3/8"      | 26.00         | 1.50 | 1.63 | 2.63 | 4.50 | 11.00           |
| 610112   | 1 1/2"      | 31.00         | 1.63 | 1.75 | 2.88 | 5.00 | 15.00           |
| 610113   | 1 5/8"      | 35.00         | 1.75 | 1.88 | 3.13 | 5.25 | 19.00           |
| 610114   | 1 3/4"      | 41.00         | 2.00 | 2.25 | 3.25 | 6.00 | 21.00           |
| 610116   | 2"          | 52.00         | 2.25 | 2.50 | 3.63 | 6.50 | 30.00           |



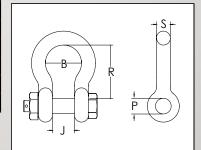


#### **102 Bolt Type Shackle**

Same bale configuration as above #101; pin is complete with nut and molly hole. This shackle is frequently referred to as a **Bolt Type** pin shackle.

| PART NO. | SIZE<br>(S) | WLL<br>(TONS) | Р    | J    | В    | R    | WEIGHT<br>(LBS) |
|----------|-------------|---------------|------|------|------|------|-----------------|
| 610205   | 5/8"        | 6.00          | 0.75 | 0.88 | 1.38 | 2.25 | 2.00            |
| 610206   | 3/4"        | 9.00          | 0.88 | 1.00 | 1.63 | 2.75 | 2.50            |
| 610207   | 7/8"        | 12.00         | 1.00 | 1.13 | 1.75 | 3.00 | 4.50            |
| 610208   | 1"          | 16.00         | 1.13 | 1.25 | 2.00 | 3.25 | 5.00            |
| 610209   | 1 1/8"      | 18.00         | 1.25 | 1.38 | 2.13 | 3.20 | 7.00            |
| 610210   | 1 1/4"      | 21.00         | 1.38 | 1.50 | 2.25 | 4.00 | 9.00            |
| 610211   | 1 3/8"      | 26.00         | 1.50 | 1.63 | 2.63 | 4.50 | 12.00           |
| 610212   | 1 1/2"      | 31.00         | 1.63 | 1.75 | 2.88 | 5.00 | 16.00           |
| 610213   | 1 5/8"      | 35.00         | 1.75 | 1.88 | 3.13 | 5.25 | 20.00           |
| 610214   | 1 3/4"      | 41.00         | 2.00 | 2.25 | 3.25 | 6.00 | 23.00           |
| 610216   | 2"          | 52.00         | 2.25 | 2.50 | 3.63 | 6.50 | 35.00           |





Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description:

- New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.
- $\cdot$  Used for Logging / Skidding or Pulling Applications
- ·NOT FOR OVERHEAD LIFTING

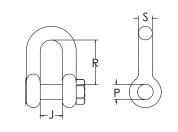




#### 105 Straight Side / Screw Pin Shackle

| SPECI    | SPECIFICATIONS |               |                 | DIMENSIONS (IN) |      |      |  |  |  |
|----------|----------------|---------------|-----------------|-----------------|------|------|--|--|--|
| PART NO. | SIZE<br>(S)    | WLL<br>(TONS) | WEIGHT<br>(LBS) | Р               | J    | R    |  |  |  |
| 610504   | 1/2"           | 4.00          | 1.00            | 0.63            | 0.75 | 2.25 |  |  |  |
| 610505   | 5/8"           | 6.00          | 1.50            | 0.75            | 0.88 | 2.50 |  |  |  |
| 610506   | 3/4"           | 9.00          | 2.50            | 0.88            | 1.00 | 2.75 |  |  |  |
| 610507   | 7/8"           | 12.00         | 3.50            | 1.00            | 1.13 | 3.00 |  |  |  |
| 610508   | 1"             | 16.00         | 4.50            | 1.13            | 1.25 | 3.50 |  |  |  |
| 610509   | 1 1/8"         | 18.00         | 6.00            | 1.25            | 1.38 | 3.75 |  |  |  |
| 610510   | 1 1/4"         | 21.00         | 8.00            | 1.38            | 1.50 | 4.25 |  |  |  |
| 610511   | 1 3/8"         | 26.00         | 10.00           | 1.50            | 1.63 | 5.00 |  |  |  |
| 610512   | 1 1/2"         | 31.00         | 15.00           | 1.63            | 1.75 | 5.50 |  |  |  |
| 610514   | 1 3/4"         | 41.00         | 21.00           | 2.00            | 2.25 | 6.00 |  |  |  |



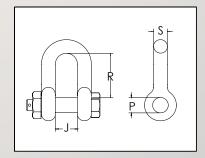


### 106 Straight Side / Bolt Type Shackle

With nut and molly hole

| PART NO.       | SIZE<br>(S) | WLL<br>(TONS) | WEIGHT<br>(LBS) | Р    | J    | R    |
|----------------|-------------|---------------|-----------------|------|------|------|
| 610604         | 1/2"        | 4.00          | 1.5             | 0.63 | 0.75 | 2.25 |
| 610605         | 5/8"        | 6.00          | 2               | 0.75 | 0.88 | 2.50 |
| 610606         | 3/4"        | 9.00          | 2.5             | 0.88 | 1.00 | 2.75 |
| 610607         | 7/8"        | 12.00         | 3.5             | 1.00 | 1 1/ | 3.00 |
| 610608         | 1"          | 16.00         | 4.5             | 1.13 | 1.25 | 3.50 |
| 610609         | 1 1/8"      | 18.00         | 6               | 1.25 | 1.38 | 3.75 |
| 610610         | 1 1/4"      | 21.00         | 8               | 1.38 | 1.50 | 4.50 |
| 610611         | 1 3/8"      | 26.00         | 10              | 1.50 | 1.63 | 5.00 |
| 610612         | 1 1/2"      | 31.00         | 15              | 1.63 | 1.75 | 5.50 |
| 610614         | 1 3/4"      | 41.00         | 21              | 2.00 | 2.25 | 6.00 |
| <b>6106</b> 16 | 2"          | 52.00         | 30              | 2.25 | 2.50 | 6.50 |





Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

- ·Used for Logging / Skidding or Pulling Applications
- •NOT FOR OVERHEAD LIFTING



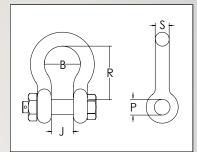


#### **108 Hanging Shackle**

Bale has a deep spread with a wide bell. Pin is secured with a jam nut and molly hole.

| PART NO. | SIZE<br>(S) | WLL<br>(TONS) | Р    | J    | В    | R    | WEIGHT<br>(LBS) |
|----------|-------------|---------------|------|------|------|------|-----------------|
| 610805   | 5/8"        | 6.00          | 0.75 | 0.88 | 2.00 | 3.00 | 3.50            |
| 610806   | 3/4"        | 9.00          | 0.88 | 1.00 | 2.38 | 3.50 | 4.00            |
| 610807   | 7/8"        | 12.00         | 1.00 | 1.13 | 2.63 | 4.00 | 4.50            |
| 610808   | 1"          | 16.00         | 1.13 | 1.25 | 3.00 | 5.00 | 6.00            |
| 610809   | 1 1/8"      | 18.00         | 1.25 | 1.38 | 3.25 | 5.50 | 7.50            |
| 610810   | 1 1/4"      | 21.00         | 1.38 | 1.50 | 3.75 | 6.00 | 10.00           |
| 610811   | 1 3/8"      | 26.00         | 1.50 | 1.63 | 4.00 | 6.50 | 15.00           |
| 610812   | 1 1/2"      | 31.00         | 1.63 | 1.75 | 4.25 | 7.00 | 17.00           |
| 610813   | 1 5/8"      | 35.00         | 1.75 | 1.88 | 4.63 | 7.50 | 21.00           |
| 610814   | 1 3/4"      | 41.00         | 2.00 | 2.25 | 5.00 | 8.00 | 28.00           |
| 610816   | 2"          | 52.00         | 2.25 | 2.50 | 5.50 | 8.50 | 37.00           |



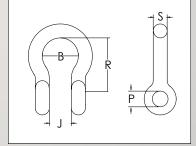


### 109 Knock Out Pin Shackle

Complete with #108 Shackle bale

| PART NO. | SIZE<br>(S) | WLL<br>(TONS) | Р    | J    | В    | R    | WEIGHT<br>(LBS) |
|----------|-------------|---------------|------|------|------|------|-----------------|
| 610906   | 3/4"        | 9.00          | 0.88 | 1.00 | 2.38 | 3.50 | 3.50            |
| 610907   | 7/8"        | 12.00         | 1.00 | 1.13 | 2.63 | 4.00 | 4.00            |
| 610908   | 1"          | 16.00         | 1.13 | 1.25 | 3.00 | 5.00 | 6.00            |
| 610909   | 1 1/8"      | 18.00         | 1.25 | 1.38 | 3.25 | 5.50 | 7.50            |
| 610910   | 1 1/4"      | 21.00         | 1.38 | 1.50 | 3.75 | 6.00 | 10.00           |
| 610911   | 1 3/8"      | 26.00         | 1.50 | 1.63 | 4.00 | 6.50 | 15.00           |
| 610912   | 1 1/2"      | 31.00         | 1.63 | 1.75 | 4.25 | 7.00 | 17.00           |
| 610913   | 1 5/8"      | 35.00         | 1.75 | 1.88 | 4.63 | 7.50 | 21.00           |
| 610914   | 1 3/4"      | 41.00         | 2.00 | 2.25 | 5.00 | 8.00 | 28.00           |
| 610916   | 2"          | 52.00         | 2.25 | 2.50 | 5.50 | 8.50 | 37.00           |





109 Knock Out Pin

Pin Only



| PART NO. | diam.  | WEIGHT<br>(LBS) |
|----------|--------|-----------------|
| 109006   | 7/8"   | 1.10            |
| 109007   | 1"     | 1.60            |
| 109008   | 1 1/8" | 2.10            |
| 109009   | 1 1/4" | 3.00            |
| 109010   | 1 3/8" | 4.40            |
| 109011   | 1 1/2" | 5.00            |
| 109012   | 1 5/8" | 5.70            |
| 109013   | 1 3/4" | 7.00            |

Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

- ·Used for Logging / Skidding or Pulling Applications
- ·NOT FOR OVERHEAD LIFTING



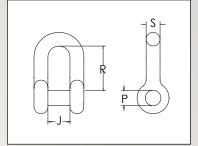


### 110 Flush Pin Shackle

Pin threads into the shackle, hole will accommodate a 1/2" drive

| PART NO. | SIZE<br>(S) | WLL<br>(TONS) | Р    | J    | R    | WEIGHT<br>(LBS) |
|----------|-------------|---------------|------|------|------|-----------------|
| 611005   | 5/8"        | 6.00          | 0.75 | 1.00 | 2.25 | 1.50            |
| 611006   | 3/4"        | 9.00          | 0.88 | 1.00 | 1.88 | 2.00            |
| 611007   | 7/8"        | 12.00         | 1.00 | 1.13 | 2.00 | 2.50            |
| 611008   | 1"          | 16.00         | 1.13 | 1.25 | 2.25 | 4.10            |
| 611009   | 1 1/8"      | 18.00         | 1.25 | 1.38 | 2.75 | 5.00            |
| 611010   | 1 1/4"      | 21.00         | 1.38 | 1.50 | 3.25 | 7.00            |
| 611011   | 1 3/8"      | 26.00         | 1.50 | 1.63 | 4.00 | 10.00           |
| 611012   | 1 1/2"      | 31.00         | 1.63 | 1.75 | 4.25 | 11.00           |
| 611013   | 1 5/8"      | 32.00         | 1.75 | 1.88 | 4.63 | 14.00           |
| 611014   | 1 3/4"      | 41.00         | 2.00 | 2.25 | 5.00 | 17.00           |
| 611016   | 2"          | 52            | 2.25 | 2.50 | 6.00 | 28.00           |





### 110S Flat Bottom / Flush Pin Shackle

Shackle Complete

| PART NO. | SIZE<br>(S) | WLL<br>(TONS) | Р     | J    | R    | WEIGHT<br>(LBS) |
|----------|-------------|---------------|-------|------|------|-----------------|
| 611056   | 3/4"        | 9.00          | 0.88  | 1.13 | 2.75 | 3.00            |
| 611057   | 7/8"        | 12.00         | 1.00  | 1.25 | 2.75 | 4.00            |
| 611058   | 1"          | 16.00         | 1.125 | 1.25 | 3.25 | 4.30            |

Flush Pin Roller available on request





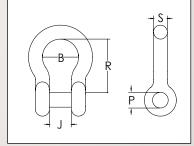
### 112 Arch Hook Shackle

Complete Shackle has a slight bell in the bale.

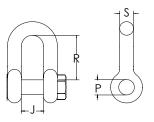
| PART NO. | SIZE<br>(S) | WLL<br>(TONS) | Р    | J    | В    | R    | WEIGHT<br>(LBS) |
|----------|-------------|---------------|------|------|------|------|-----------------|
| 611206   | 3/4"        | 9.00          | 0.88 | 1.00 | 1.13 | 1.88 | 2.00            |
| 611208   | 1"          | 16.00         | 1.13 | 1.25 | 1.38 | 2.25 | 4.50            |
| 611209   | 1 1/8"      | 18.00         | 1.25 | 1.38 | 1.50 | 2.38 | 6.00            |
| 611210   | 1 1/4"      | 21.00         | 1.38 | 1.50 | 1.63 | 2.75 | 8.00            |
| 611211   | 1 3/8"      | 26.00         | 1.50 | 1.63 | 1.75 | 3.00 | 12.00           |

#### SEE WARNING PAGE FOR IMPORTANT NOTE REGARDING FORESTRY PRODUCT RATINGS DETAIL









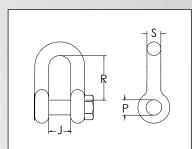


### 174 Butt Rigging Shackle

Shackle Complete with pin

| PART NO. | SIZE<br>(S) | Р    | J    | R    | WLL<br>(TONS) | WEIGHT<br>(LBS) |
|----------|-------------|------|------|------|---------------|-----------------|
| 617406   | 3/4"        | 0.88 | 0.94 | 2.50 | 9.00          | 3.00            |
| 617407   | 7/8"        | 1.00 | 1.00 | 2.75 | 12.00         | 4.80            |
| 617408   | 1"          | 1.13 | 1.19 | 3.07 | 16.00         | 5.80            |
| 617409   | 1 1/8"      | 1.25 | 1.38 | 3.75 | 18.00         | 8.30            |
| 617410   | 1 1/4"      | 1.38 | 1.50 | 4.00 | 21.00         | 10.00           |
| 617411   | 1 3/8"      | 1.50 | 1.69 | 4.25 | 26.00         | 15.00           |
| 617412   | 1 1/2"      | 1.63 | 1.81 | 4.50 | 31.00         | 19.00           |
| 617413   | 1 5/8"      | 1.75 | 1.94 | 5.00 | 35.00         | 21.00           |
| 617414   | 1 3/4"      | 1.88 | 2.13 | 5.50 | 41.00         | 23.00           |





### 118i Intergal Swivel Buzzard Hook

| PART NO. | SIZE   | WEIGHT<br>(LBS) |
|----------|--------|-----------------|
| 611811i  | 1 3/8" | 12.00           |
| 611812i  | 1 1/2" | 15.00           |
| 611814i  | 1 3/4" | 17.00           |

Latch repair kit part #611711K



#### 117 Buzzard Hook

| PART NO. | LINE SIZE | SIZE   | WEIGHT<br>(LBS) |
|----------|-----------|--------|-----------------|
| 611711   | 1/2       | 1 3/8" | 11.00           |
| 611712   | 5/8       | 1 1/2" | 12.00           |
| 611714   | 3/4       | 1 3/4  | 14.00           |
| 611716   | 7/8       | 2"     | 18.00           |
| 611718   | 1.00      | 2 1/4" | 22.00           |
| 611720   | 1 1/8     | 2 1/2" | 30.00           |

Latch repair kit part #611711K

Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

·Used for Logging / Skidding or Pulling Applications

·NOT FOR OVERHEAD LIFTING





### 113 Cross Eye / (Reverse Eye)

T-Point Arch Hook

| PART NO. | SIZE   | LINE SIZE | SHACKLE SIZE | WEIGHT<br>(LBS) |
|----------|--------|-----------|--------------|-----------------|
| 611310TP | 1 1/4" | 1/2       | 3/4          | 5.00            |
| 611312TP | 1 1/2" | 3/4       | 1            | 6.00            |
| 611313TP | 1 5/8" | 3/4       | 1            | 7.00            |
| 611314TP | 1 3/4" | 7/8       | 1 1/8        | 9.00            |
| 611315TP | 1 7/8" | 7/8       | 1 1/4        | 12.00           |
| 611316TP | 2"     | 1         | 1 1/4        | 15.00           |
| 611317TP | 2 1/8" | 1         | 1 3/8        | 18.00           |
| 611318TP | 2 1/4" | 1 1/8     | 1 3/8        | 20.00           |
| 611320TP | 2 1/2" | 1 1/4     | 1 3/8        | 25.00           |

### 114 Straight Eye / (Regular Eye)

Arrow Point Arch Hook

| PART NO. | SIZE   | LINE SIZE | SHACKLE SIZE | SHACKLE<br>Part No. | HOOK WEIGHT<br>(LBS) |
|----------|--------|-----------|--------------|---------------------|----------------------|
| 611410PP | 1 1/4" | 1/2       | 3/4          | 611410              | 5.50                 |
| 611412PP | 1 1/2" | 3/4       | 1            | 611412              | 7.00                 |
| 611414PP | 1 3/4" | 7/8       | 1 1/8        | 611414              | 10.00                |
| 611416PP | 2"     | 1.00      | 1 1/4        | 611416              | 16.00                |
| 611418PP | 2 1/4" | 1 1/8     | 1 3/8        | 611418              | 22.00                |
| 611420PP | 2 1/2" | 1 1/4     | 1 3/8        | 611420              | 27.00                |

### 115 Line Hook (Cross Eye)

| PART NO. | SIZE   | LINE SIZE | HOLE SIZE | JAW OPENING | WEIGHT<br>(LBS) |
|----------|--------|-----------|-----------|-------------|-----------------|
| 611506CE | 3/4"   | 0.25      | 0.50      | 0.88        | 0.80            |
| 611507CE | 7/8"   | 0.38      | 0.63      | 1.00        | 1.00            |
| 611508CE | 1"     | 0.38      | 0.75      | 1.13        | 1.00            |
| 611509CE | 1 1/8" | 0.44      | 0.88      | 1.25        | 2.50            |
| 611510CE | 1 1/4" | 0.50      | 1.00      | 1.38        | 4.00            |
| 611511CE | 1 3/8" | 0.56      | 1.13      | 1.50        | 5.00            |
| 611512CE | 1 1/2" | 0.63      | 1.13      | 1.63        | 6.00            |
| 611514CE | 1 3/4" | 0.75      | 1.13      | 1.75        | 8.50            |

U





Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description:

- •New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.
- $\cdot$  Used for Logging / Skidding or Pulling Applications
- ·NOT FOR OVERHEAD LIFTING





### 115 Line Hook (Straight Eye)

| PART NO. | SIZE   | LINE SIZE | HOLE SIZE | JAW OPENING | WEIGHT<br>(LBS) |
|----------|--------|-----------|-----------|-------------|-----------------|
| 611506SE | 3/4"   | 0.25      | 0.50      | 0.88        | 0.80            |
| 611507SE | 7/8"   | 0.38      | 0.63      | 1.00        | 1.00            |
| 611508SE | 1"     | 0.38      | 0.75      | 1.13        | 1.00            |
| 611509SE | 1 1/8" | 0.44      | 0.88      | 1.25        | 2.50            |
| 611510SE | 1 1/4" | 0.50      | 1.00      | 1.38        | 4.00            |
| 611511SE | 1 3/8" | 0.56      | 1.13      | 1.50        | 5.00            |
| 611512SE | 1 1/2" | 0.63      | 1.13      | 1.63        | 6.00            |
| 611514SE | 1 3/4" | 0.75      | 1.13      | 1.75        | 8.50            |



### 116 Flat Choker Hook

Order by Line Size. Intended for regular wire rope, not swaged wire rope.

| PART NO. | LINE SIZE | SIZE          | HOLE SIZE | WEIGHT<br>(LBS) |
|----------|-----------|---------------|-----------|-----------------|
| 611603   | 3/8"      | 1/2 x 1 1/2   | 0.63      | 0.80            |
| 611604   | 1/2"      | 5/8 x 2       | 0.69      | 1.00            |
| 611605   | 5/8"      | 3/4 x 2       | 0.75      | 2.00            |
| 611606   | 3/4"      | 7/8 x 2 1/2   | 0.88      | 3.00            |
| 611607   | 7/8"      | 1 x 3         | 1.00      | 5.00            |
| 611608   | 1"        | 1 1/8 x 3 1/2 | 1.13      | 7.00            |
| 611609   | 1 1/8"    | 1 1/4 x 4     | 1.25      | 10.00           |
| 611610   | 1 1/4"    | 1 1/2 x 5     | 1.50      | 15.00           |



### **125 Skidding Tongs**

| PART NO. | SIZE   | SPREAD | WEIGHT<br>(LBS) |
|----------|--------|--------|-----------------|
| 612507   | 7/8"   | 14"    | 14.00           |
| 612508   | 1"     | 16"    | 16.00           |
| 612509   | 1 1/8" | 20"    | 20.00           |
| 612510   | 1 1/4" | 24"    | 24.00           |
| 612512   | 1 1/2" | 28"    | 28.00           |
| 612514   | 1 3/4" | 32"    | 32.00           |



Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

- · Used for Logging / Skidding or Pulling Applications
- •NOT FOR OVERHEAD LIFTING





#### 126 Guyline Sleeve With Bolt & Nut

Includes #102 safety pin

| PART NO. | SIZE   | WEIGHT<br>(LBS) |
|----------|--------|-----------------|
| 612607   | 7/8"   | 8.00            |
| 612608   | 1"     | 11.00           |
| 612609   | 1 1/8" | 15.00           |
| 612610   | 1 1/4" | 18.00           |
| 612611   | 1 3/8" | 25.00           |
| 612612   | 1 1/2" | 27.00           |
| 612613   | 1 5/8" | 33.00           |
| 612614   | 1 3/4" | 38.00           |



#### **128 Splicing Hammer**

| PART NO. | SIZE/TYPE         |
|----------|-------------------|
| 612803   | 3# Without Handle |
| 612813   | 3# With Handle    |
| 612804   | 4# Without Handle |
| 612814   | 4# With Handle    |



#### 146 Sledge Hammer

| PART NO. | WEIGHT<br>(LBS)    |
|----------|--------------------|
| 614606   | 6# Without Handle  |
| 614607   | 6# With Handle     |
| 614608   | 8# Without Handle  |
| 614609   | 8# With Handle     |
| 614610   | 10# Without Handle |
| 614611   | 10# With Handle    |
| 614612   | 12# Without Handle |
| 614613   | 12# With Handle    |



Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

- ·Used for Logging / Skidding or Pulling Applications
- NOT FOR OVERHEAD LIFTING





#### **137 Strawline Swivel**

| PART N | 0. | SIZE         | WEIGHT<br>(LBS) |
|--------|----|--------------|-----------------|
| 61377  | 5  | 3/8" - 7/16" | 0.80            |



#### 131 Strawline Hook

| PART NO. | LINE SIZE |
|----------|-----------|
| 613104   | 1/4"      |
| 613105   | 5/16"     |
| 613106   | 3/8"      |
| 613107   | 7/16"     |
| 613108   | 1/2"      |

### 178 Line Swivel

| PART # | LINE SIZE |  |
|--------|-----------|--|
| 617804 | 1/2"      |  |
| 617805 | 5/8"      |  |
| 617806 | 3/4"      |  |
| 617808 | 1"        |  |
| 617809 | 1 1/8"    |  |

### 151 Trailer Loading Hook

With 1in #108 Shackle

| PART NO. | TON    | SIZE   | WEIGHT<br>(LBS) |
|----------|--------|--------|-----------------|
| 615112   | 8 Ton  | 1 1/2" | 19.00           |
| 615114   | 11 Ton | 1 3/4" | 24.00           |

### **154 Dropline Socket**

| PART NO. | SIZE        | HOOK | PIN DIAM. |
|----------|-------------|------|-----------|
| 154066   | 5/8" - 3/4" | 1.38 | 0.88      |
| 154067   | 3/4" - 7/8" | 1.50 | 1.00      |
| 154068   | 7/8" - 1"   | 1.75 | 1.13      |





Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

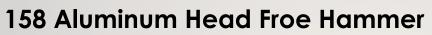
- ·Used for Logging / Skidding or Pulling Applications
- NOT FOR OVERHEAD LIFTING





#### **152 Splitting Froe**

| PART NO. | SIZE                 | WEIGHT<br>(LBS) |
|----------|----------------------|-----------------|
| 615218   | 18" Froe With Handle | 8.00            |



| PART NO. | WEIGHT<br>(LBS) |
|----------|-----------------|
| 615810   | 10.00           |



#### **120 Alloy Rings**

| PART NO. | SIZE ID          | WLL<br>(TONS) | WEIGHT<br>(LBS) |
|----------|------------------|---------------|-----------------|
| 612004   | 1/2" x 2 3/4"    | 1.25          | 0.80            |
| 612005   | 5/8" x 3"        | 2.00          | 1.00            |
| 612006   | 3/4" x 3 1/2"    | 3.50          | 1.80            |
| 612007   | 7/8" x 3 3/4"    | 5.00          | 2.50            |
| 612008A  | 1" x 4"          | 6.00          | 3.50            |
| 612008B  | 1" x 4 1/2"      | 6.00          | 3.80            |
| 612009   | *1 1/8" x 4 3/4" | 6.50          | 5.30            |
| 612010   | *1 1/4" x 5"     | 7.00          | 7.00            |



\* Welded

#### **Marlin Spikes**

| PART NO. | LENGTH | PART NO. | LENGTH |
|----------|--------|----------|--------|
| 650106   | 6"     | 650118   | 18"    |
| 650108   | 8"     | 650120   | 20"    |
| 650110   | 10"    | 650124   | 24"    |
| 650112   | 12"    | 650130   | 30"    |
| 650114   | 14"    | 650136   | 36"    |
| 650116   | 16"    | 650142   | 42"    |



Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

·Used for Logging / Skidding or Pulling Applications

NOT FOR OVERHEAD LIFTING





#### "Clark" Swivels

Use With Ulven #114 Hook

| PA | RT NO. | SIZE | LINE SIZE | HOOK   |
|----|--------|------|-----------|--------|
| 5  | 01207  | C-7  | 3/4"      | 1 3/4" |
| 5  | 01209  | C-9  | 7/8"      | 2"     |



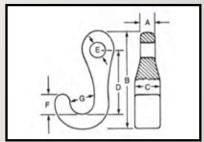
#### **Double Ender Hooks**

| PART NO. | SIZE     | LINE SIZE   |
|----------|----------|-------------|
| 501010   | Bantam   | 5/8 x 3/4   |
| 501000   | Junior   | 7/8 x 1 3/4 |
| 501020   | Standard | 1 x 1 1/2   |

#### #31 SKM RR Car Hook

| PART<br>NO. | WLL<br>(TONS) | А    | В     | C    | D    | E    | F    | G    | LINE<br>SIZE | WEIGHT<br>(LBS) |
|-------------|---------------|------|-------|------|------|------|------|------|--------------|-----------------|
| 312069      | 25.00         | 1.50 | 12.25 | 3.00 | 7.75 | 1.81 | 2.56 | 3.13 | 1.50         | 23.50           |
| 312068      | 20.00         | 1.38 | 12.00 | 3.00 | 7.75 | 1.69 | 2.56 | 3.50 | 1.38         | 20.00           |





#### **Drawbar Protector Arcs**

| SIZE   | STOCK NO. | WEIGHT<br>(LBS) |
|--------|-----------|-----------------|
| 1/2"   | DB1960    | 17.00           |
| 9/16"  | DB1970    | 18.00           |
| 5/8"   | DB1980    | 20.00           |
| 3/4"   | DB1990    | 27.00           |
| 7/8"   | DB2000    | 38.00           |
| 1"     | DB2010    | 45.00           |
| 1-1/8" | DB2020    | 50.00           |



Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description:

- New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.
- $\cdot$  Used for Logging / Skidding or Pulling Applications
- ·NOT FOR OVERHEAD LIFTING





#### **Car Wheel Hooks**

| ТҮРЕ                     | STOCK NO. | WLL*<br>(TONS) | WEIGHT<br>(LBS) |
|--------------------------|-----------|----------------|-----------------|
| Standard                 | CWH2360   | 3.10           | 17.00           |
| Heavy                    | CWH2390   | 4.10           | 24.00           |
| Ex Heavy                 | CWH2400   | 8.00           | 27.00           |
| Combination <sup>1</sup> | CWH2370   | 3.00           | 23.00           |

\* 5:1 Design Factor when used in pairs





1CWH2370

### **Car Puller Hooks**

| TYPE | STOCK NO. | WLL*<br>(TONS) | WEIGHT<br>(LBS) |  |  |
|------|-----------|----------------|-----------------|--|--|
| #7   | CPH2030   | 7.50           | 18.00           |  |  |
| #8   | CPH2040   | 12.50          | 22.00           |  |  |
| -1-  |           |                |                 |  |  |

\* 5:1 Design Factor



#### **Manhole Pins**

| PART NO. | SIZE  | WLL*<br>(TONS) |
|----------|-------|----------------|
| MH-3550  | 1 1/4 | 2.30           |
| MH-3555  | 1 1/2 | 4.00           |
| MH-3560  | 1 7/8 | 5.00           |

\* WLL and 5:1 Design Factor require pins to be used in pairs



Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description:

- $\cdot$  New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.
- $\cdot$  Used for Logging / Skidding or Pulling Applications

·NOT FOR OVERHEAD LIFTING





### **MAINTENANCE & WARNINGS**

#### MAINTENANCE, INSPECTION AND WORKING LOAD CRITERIA FOR SKOOKUM GROUP OF HOISTING BLOCKS, FAIRLEADS, SHEAVES, AND FORGINGS. LUBRICATION AND SCHEDULES:

Before leaving our manufacturing facilities all parts that require grease are lubricated with multipurpose, polyurea petroleum based grease of medium consistency. This does not relieve the end user of their responsibility of periodic lubrication. The following is a general lubrication schedule. The frequency of inspection and lubrication should be based on the frequency of use, harshness of environment, climatic conditions, and the user's own maintenance and lubrication schedules.

#### SHEAVES AND ROLLER LUBRICATION:

Bronze Bushings:

(Non self-lubricating type) every 8 hours of normal continuous operation, twice a month for normal intermittent use, or monthly if seldom used.

(Self-lubricating type) this type of bushing should never be greased. A light oil reservoir system is recommended under severe conditions.

- Roller/Ball Bearings Every 24 hours of normal continuous operation, twice a month for normal intermittent use, or monthly if seldom used.
- Tapered Roller Bearings Every 40-48 hours of normal continuous operation, or once a month for intermittent use.

Thrust Bearings and Thrust Washer Lubrication:

- Thrust Bearings Twice a month for frequent normal swiveling or every 3 weeks for intermittent normal swiveling and/or straight static loading.
- Bronze/Brass Thrust Washers Once a day for frequent normal swiveling or every 3 weeks for intermittently normal swiveling and/or straight loading.

#### **STORAGE CONDITIONS:**

If parts have been stored outside without adequate cover, bearings (particularly Roller, Ball, or Tapered Bearings) should be checked monthly and lubricated to reduce the risk of corrosion between matching metal parts. Before initial startup of stored equipment, it is highly recommended that parts be cleaned and lubricated prior to use, regardless of the last scheduled lubrication period.

#### WORKING LOAD LIMITS:

All ratings shown in Skookum literature are based upon the item being new or in "as new" condition.

Catalog ratings are considered to be the greatest load that should be applied to the item. Therefore, abnormal loading must be taken into consideration when selecting the item for use in any system. Continuous rapid shock, or surge loading, i.e. high cycle loading will rapidly reduce the Working Load and the life of the product. These conditions require more frequent inspection and testing, including additional N.D.E. (Non-destructive testing/examination).

Catalog ratings are based upon typical environmental conditions. Consideration must be given to item selection when unusual conditions are to be encountered. All ratings are in U.S. short tons of 2,000 lb per Ton.

The products shown are to be used in a tension or straight pull manner. Caution must be used to prevent the product from being subjected to side loading conditions that would cause additional and/or unintended loading.

All hook latches are intended to retain loose slings or devices under slack conditions. They are not intended to be antifouling devices. Caution should be to prevent the latch from supporting any part of the load. Periodic inspection of latches must be made to insure a proper operating condition.

Grinding, welding, and/or weld repair of any of our products without written consent by our company voids all warranty, whether written or expressed. It is recommended that you contact our engineering department for consultation before attempting any type of repair by welding or grinding.

Line sizes expressed in our catalog refer to regular 6 x 19 construction wire rope, not swaged rope.

#### **INSPECTION AND WEAR:**

Wear, misuse, overloading, deformation, intentional alteration, and other usage factors may necessitate a reduction in the product's working load rating, or a reduction in its design factor rating. It is recommended that all products be inspected



### MAINTENANCE & WARNINGS (cont.)

on a regular basis to determine their serviceability. It is necessary to clean and inspect all items on a regular basis and keep accurate records of the inspection. The minimum industry standard is daily visual inspection and a monthly written and recorded inspection. Things to look for and inspections to perform include (but are not limited to) the following:

- Marks, nicks, gouges, scuffing, and cracks.
- Wear, especially excessive wear at load bearing points and threaded parts.
- Twists or bends in forged shackles and hooks.
- Unauthorized grinding, welding, cutting, or high heating conditions
- Opening or stretching of hooks, shackles and links
- Loose or worn retaining latches on hooks
- Loose nuts, pins, or missing cotter/clip pins
- Mushroomed contact points on shackles, hooks, and striking faces on hammers and splitting devices.
- N.D.E. Inspection as warranted (non-destructive testing examination such as Magnetic Particle, Die Penetrant, Ultrasonic, and/or X-Ray)

Any item showing evidence of, or failing any of the above inspections should be immediately removed from service. Items may be returned to Skookum (freight prepaid) for professional inspection for a minimum charge. If the item cannot be reworked or repaired, or is in an unsafe condition, we will notify the customer immediately and make arrangements for the disposal of the item.

#### TYPES OF LOADS:

Knowing the correct terminology of the load ratings helps in specifying the correct item for your application. The following load definitions are the ones most commonly used in our industry:

#### Working Load or Working Load Limit

The maximum recommended load that should be applied on the item. The terms Working Load (WL) and Working Load Limit (WLL) refer to straight in-line pull with respect to the centerline of the item unless otherwise noted.

#### **PROOF LOAD**

The average load to which an item may be subjected to before visual or permanent deformation occurs. It also refers to a testing procedure where a load is applied in the performance of a proof test.

#### **ULTIMATE LOAD**

The weighted average load at which the item being tested fails or will no longer supports the load.

#### SHOCK LOAD

Is a resulting load caused by the rapid change of movement such as impacting or jerking of a static load. A shock load is typically significantly greater than the static load. In some cases it will double the static load instantaneously and should be avoided as both a potential hazard to equipment operators and to the equipment itself.

#### **DESIGN FACTOR:**

This is an Industry term denoting theoretical reserve capability. This is usually expressed as a ratio such as 4 to 1 or 5 to 1 (4:1 or 5:1). It is normally determined by dividing the rated ultimate strength by the stated working load limit (WLL). It may also be based as a weighted average (as per the ultimate load definition above), or as a minimum factor. In which case the ultimate tested load meets or exceeds the stated design factor.

Terms to be avoided or not to be used at all:

Safe Working Load or Resultant Safe Working Load are not accepted terminology and do not denote specific product capabilities. Working Load or Working Load Limit are the proper descriptors.

Safety Factor is not an accepted terminology. Design Factor is the proper descriptor.

#### IMPORTANT NOTE REGARDING FORESTRY PRODUCT RATINGS:

Skookum Forest products are designed to be used with and tested with Wire Rope conforming to the following description: • New 6 x 19 or 6 x 37 Class, EIP, IWRC, Right Regular Lay Wire Rope made to US specifications.

· Used for Logging / Skidding or Pulling Applications

· NOT FOR OVERHEAD LIFTING



### MAINTENANCE & WARNINGS (cont.)

#### SKOOKUM SHACKLES, RIGGING, AND BLOCKS

This guide covers the application and maintenance for the Skookum, B.C.M., RopeMaster, and Ulven Brand Shackles and Rigging. It also includes the Skookum and Ulven Brand Blocks and Rigging products.

#### **SKOOKUM SHACKLES:**

Skookum Shackles are Forged Alloy Steel, and meet or exceed the criteria of ASME B30.26, Chapter 26-1, and/or the Federal Specification RR-C-271.

#### **DESIGN FACTOR:**

The Design Factor on standard catalog Skookum Shackles are based on a minimum of 5 to 1 (5:1). The Design Factor (ultimate capacity) is arrived at under ideal and controlled conditions and should never be used as a basis for reverse design engineering.

#### WORKING LOAD (RATED LOAD):

The working load or rated load is the maximum load that should be exerted on the item.

#### **PROOF TESTING:**

Proof testing is completed per customer request and/or at Skookum's discretion. As a rule, poofing of Skookum shackles requires testing at twice the stated Working Load Limit (WLL), or as required by ASME B30.26, Chapter 26-1, or in accordance with the RR-C-271. In some cases, the standard Skookum proof test exceeds both of these specifications and Skookum should be consulted with any special proof test requirements.

Standard process on all RR-C-271 proof testing shall be single point loading. All other Proof Tests shall fill up to 80% of the jaw width to properly center the load on the pin. It is recommended that spacers or washers be used to center the load during normal operations so no accidental side loading occurs.

See Figure SL-001.1 for recommendations using Skookum Shackles with Slings.

See Figure SL-001.2 side loaded reduction table for pad eye configuration. In all cases the pad eye width should be at least 80% of the Jaw width.

For special testing purposes such as periodic Magnetic Particle Inspection after proof testing see below for maximum percentage allowances for removing tooling/forging marks/ and minor indications. If grinding exceeds these percentages parts should be removed from service and Skookum Engineering should be consulted.

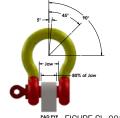
#### MAXIMUM CLEAN UP ALLOWED BY GRINDING FOR MPI PURPOSES



The following are maximum percentages of removal allowed if grinding out minor linear indications found during MPI testing.

- A. 3% to 4% Off of Catalog Dimensions B. 6% to 8% Off of Catalog Dimensions
- C. 15% to 20% On Non-Load Areas

#### SIDE LOADED REDUCTION TABLE FOR PAD EYE USAGE



pad eye FIGURE SL-001.2

Angled loads must be applied in the plane of the Shackle Bow.

| Side loading reduction Chart for Screw<br>Pin and Bolt Type Shackles Only |  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| SIDE LOADING<br>ANGLE (DEG)   | % RATE LOAD REDUCTION  |  |  |  |  |  |
| Inline 0° to 5°   | None   |  |  |  |  |  |
| 6° to 45° 30%   |  |  |  |  |  |  |
| 46° to 90°  | 50%  |  |  |  |  |  |
| Over 90°  | Not recommended to load in this<br>condition. Consult manufacturer or<br>qualified person. |  |  |  |  |  |
| * In-Line Load is   | applied perpendicular to pin.  |  |  |  |  |  |
| ** Never side loa   | ** Never side load Round Pin Shackles.   |  |  |  |  |  |
| *** If angle exce   | *** If angle exceeds 45° use a Bolt Type Shackle.  |  |  |  |  |  |
|   | ger than 117 Tons, where the angle<br>°. contact Skookum Engineering.                      |  |  |  |  |  |

#### RECOMMENDATION USING SKOOKUM SHACKLES WITH SLINGS



Never exceed 120° Inclusive angle. Never use Round Pin Shackles.

Shackles symmetrically loaded with two legged slings having a maximum inclusive angle of 120° can be used to full rated Working Load Limit.

For Shackles larger than 117 Ton, the maximum angle is 90° for full working load limit. If inclusive angle is greater than 120°, Contact Skookum Engineering.



### **METRIC/DECIMAL EQUIVALENTS**

|      |       | 1/64  | .015625 | 0.3969  |
|------|-------|-------|---------|---------|
|      | 1/32  |       | .031250 | 0.7938  |
|      |       |       | .039370 | - 1     |
|      |       | 3/64  | .046875 | 1.1906  |
| 1/16 |       |       | .062500 | 1.5875  |
|      |       | 5/64  | .078125 | 1.9844  |
|      |       |       | .078740 | - 2     |
|      | 3/32  | _     | .093750 | 2.3812  |
|      |       | 7/64  | .109375 | 2.7781  |
|      |       |       | .118110 | - 3     |
| 1/8  |       |       | .125000 | 3.1750  |
|      |       | 9/64  | .140625 | 3.5719  |
|      | 5/32  |       | .156250 | 3.9688  |
|      |       |       | .157480 | - 4     |
|      |       | 11/64 | .171875 | 4.3656  |
| 3/16 |       |       | .187500 | 4.7625  |
|      |       |       | .196850 | - 5     |
|      |       | 13/64 | .203125 | 5.1594  |
|      | 7/32  |       | .218750 | 5.5562  |
|      |       | 15/64 | .234375 | 5.9531  |
|      |       |       | .236220 | - 6     |
| 1/4  |       |       | .250000 | 6.3500  |
|      |       | 17/64 | .265625 | 6.7469  |
|      |       |       | .275591 | - 7     |
|      | 9/32  |       | .281250 | 7.1438  |
|      |       | 19/64 | .296875 | 7.5406  |
| 5/16 |       |       | .312500 | 7.9375  |
|      |       |       | .314961 | - 8     |
|      |       | 21/64 | .328125 | 8.3344  |
|      | 11/32 |       | .343750 | 8.7312  |
|      |       | _     | .354331 | - 9     |
|      |       | 23/64 | .359375 | 9.1281  |
| 3/8  |       |       | .375000 | 9.5250  |
|      |       | 25/64 | .390625 | 9.9219  |
|      | _     |       | .393701 | - 10    |
|      | 13/32 |       | .406250 | 10.3188 |
|      |       | 27/64 | .421875 | 10.7156 |
|      |       |       | .433071 | - 11    |
| 7/16 |       |       | .437500 | 11.1125 |
|      |       | 29/64 | .453125 | 11.5094 |
|      | 15/32 |       | .468750 | 11.9062 |
|      |       |       | .472441 | - 12    |
|      |       | 31/64 | .484375 | 12.3031 |
| 1/2  |       |       | .500000 | 12.7000 |
|      |       |       | .511811 | - 13    |
|      |       |       |         |         |

|       |       | 33/64 | .515625 | 13.0969 |
|-------|-------|-------|---------|---------|
|       | 17/32 |       | .531250 | 13.4938 |
|       |       | 35/64 | .546875 | 13.8906 |
|       |       |       | .551181 | - 14    |
| 9/16  |       |       | .562500 | 14.2875 |
|       |       | 37/64 | .578125 | 14.6844 |
|       |       |       | .590551 | - 15    |
|       | 19/32 |       | .593750 | 15.0812 |
|       |       | 39/64 | .609375 | 15.4781 |
| 5/8   |       |       | .629921 | 15.8750 |
|       |       |       | .625000 | - 16    |
|       |       | 41/64 | .640625 | 16.2719 |
|       | 21/32 |       | .656250 | 16.6688 |
|       |       |       | .669291 | - 17    |
|       |       | 43/64 | .671875 | 17.0656 |
| 11/16 |       |       | .687500 | 17.4625 |
|       |       | 45/64 | .703125 | 17.8594 |
|       |       |       | .708661 | - 18    |
|       | 23/32 |       | .718750 | 18.2562 |
|       |       | 47/64 | .734375 | 18.6531 |
|       |       |       | .748031 | - 19    |
| 3/4   |       |       | .750000 | 19.0500 |
|       |       | 49/64 | .765625 | 19.4469 |
|       | 25/32 |       | .781250 | 19.8438 |
|       |       |       | .787402 | - 20    |
|       |       | 51/64 | .796875 | 20.2406 |
| 13/16 |       |       | .826775 | 20.6375 |
|       |       |       | .812500 | - 21    |
|       |       | 53/64 | .828125 | 21.0344 |
|       | 27/32 |       | .843750 | 21.4312 |
|       |       | 55/64 | .859375 | 21.8281 |
|       |       |       | .866142 | - 22    |
| 7/8   |       |       | .875000 | 22.2250 |
|       |       | 57/64 | .890625 | 22.6219 |
|       |       |       | .905512 | - 23    |
|       | 29/32 |       | .906250 | 23.0188 |
|       |       | 59/64 | .921875 | 23.4156 |
| 15/16 |       |       | .944882 | 23.8125 |
|       |       |       | .937500 | - 24    |
|       |       | 61/64 | .953125 | 24.2094 |
|       | 31/32 |       | .968750 | 24.6062 |
|       |       |       | .984252 | - 25    |
|       |       | 63/64 | .984375 | 25.0031 |
| 1     |       |       | 1.00000 | 25.4000 |
|       |       |       |         |         |

#### **Decimal Equivalents of Millimeters**

| mm | Inches  | mm  | Inches  |
|----|---------|----|---------|----|---------|----|---------|----|---------|-----|---------|
| 25 | 0.98425 | 38 | 1.49606 | 51 | 2.00787 | 64 | 2.51968 | 77 | 3.03149 | 90  | 3.54330 |
| 26 | 1.02362 | 39 | 1.53543 | 52 | 2.04724 | 65 | 2.55905 | 78 | 3.07086 | 91  | 3.58267 |
| 27 | 1.06299 | 40 | 1.57480 | 53 | 2.08661 | 66 | 2.59842 | 79 | 3.11023 | 92  | 3.62204 |
| 28 | 1.10236 | 41 | 1.61417 | 54 | 2.12598 | 67 | 2.63779 | 80 | 3.14960 | 93  | 3.66141 |
| 29 | 1.14173 | 42 | 1.65354 | 55 | 2.16535 | 68 | 2.67716 | 81 | 3.18897 | 94  | 3.70078 |
| 30 | 1.18110 | 43 | 1.69291 | 56 | 2.20472 | 69 | 2.71653 | 82 | 3.22834 | 95  | 3.74015 |
| 31 | 1.22047 | 44 | 1.73228 | 57 | 2.24409 | 70 | 2.75590 | 83 | 3.26771 | 96  | 3.77952 |
| 32 | 1.25984 | 45 | 1.77165 | 58 | 2.28346 | 71 | 2.79527 | 84 | 3.30708 | 97  | 3.81889 |
| 33 | 1.29921 | 46 | 1.81102 | 59 | 2.32283 | 72 | 2.83464 | 85 | 3.34645 | 98  | 3.85826 |
| 34 | 1.33858 | 47 | 1.85039 | 60 | 2.36220 | 73 | 2.87401 | 86 | 3.38582 | 99  | 3.89763 |
| 35 | 1.37795 | 48 | 1.88976 | 61 | 2.40157 | 74 | 2.91338 | 87 | 3.42519 | 100 | 3.93700 |
| 36 | 1.41732 | 49 | 1.92913 | 62 | 2.44094 | 75 | 2.95275 | 88 | 3.46456 |     |         |
| 37 | 1.45669 | 50 | 1.96850 | 63 | 2.48031 | 76 | 2.99212 | 89 | 3.50393 |     |         |

1 Inch = 25.400 mm



### WARRANTY

Conditions of Sale & Limited Warranty - Notice to customers. Please read carefully:

These terms and conditions contain disclaimers of warranties and strict limitation of liability and remedies.

Manufacturer warrants to the original wholesaler or OEM purchaser and/or to the original retail purchaser only that the goods, equipment or merchandise described herein will be free from defects in material and workmanship for a period of twelve (12) months from date of manufacturers shipment. Should the goods, equipment or merchandise prove defective within twelve (12) month period. Skookum will, at its option, repair or replace the same when returned to its plant, charges prepaid. If Skookum sigtien written notice of any such claimed defect promptly and is submitted, freight prepaid, within such twelve (12) month period for examination. Repair and/or replacement at the option of Skookum shall be the sole and exclusive remedy of the buyer for breach of the above express warranty.

Except as expressly set forth herein, Skookum makes no warranty either express or implied, that the goods, equipment, or merchandise shall be merchantable or if for any particular purpose or use, nor does it make any other warranty, express, or implied statutory. Skookum shall have no liability for incident consequential, special, general or other damages arising from the use of its product including, but not limited to: failure of the goods, equipment, or merchandise to perform any general or particular function or purpose whether such damage or failure is due to mistake or deficiency in any design, formula, plan specification, advertising material, printed instructions, defective materials, defective or improper assembly or otherwise; the sole liability of Skookum being to repair or replace, at its option, defects in material or workmanship as stated in the preceding paragraph. Skookum shall not have any responsibility or liability for damage in shipment, during assembly, installation, erection, or that arising from accidents, abuse or improper operation of the goods, equipment or merchandise.

These terms and conditions shall supersede and, in case of conflict, shall have control over any other terms or provisions in any oral or written purchase order or other document pertaining to the goods, equipment or merchandise described herein, including any negotiations between parties or as suggested by any product catalog or descriptive literature. Nor does any distributor, dealer, franchisee, independent sales representative or other person, firm or corporation have authority to assume any other obligations or liability on behalf of Skookum, or to waive, modify or change these terms and conditions. We agree, in performing the work required by any purchase order, not to discriminate against any worker because of race, creed, color, sex or national origin.

In the event of stoppage or partial stoppage of our plants or shipments of the items ordered by the customer due to causes beyond our control (such as, but not limited to: strikes, differences with workmen, fires, floods, accidents, scarcity of labor, materials, power, fuel or transportation, difficulties, war-whether in this country or abroad, government regulations, orders or proclamations, laws, acts of public enemies, mobs or rioters, or acts of God) deliveries hereunder may be suspended or partially suspended, during the continuance of such interruption.

Warranty Disclaimer: The Warranty, whether expressed or implied, shall be void if parts are altered or repaired by other than Skookum, or by their approved agent. Approval shall be in writing and required before alterations or repairs are done.

By acceptance of our sales order acknowledgment copy you accept all the terms and provisions heretofore set forth and agree that the delivery of the merchandise described in said order shall be subject to no other terms and conditions whatsoever unless additional terms are made the subject of negotiation and are covered by separate written acceptance by us.

Receipt of acknowledgment by you without written objection to us within thirty days from the date of receipt of the merchandise described in said order shall constitute an acceptance by you of the terms hereof and an agreement that the delivery of the merchandise described in said order is subject to no other terms than those stated in this acceptance.

The provisions of the instrument shall be construed in accordance with, and the rights and liabilities of both the manufacturer and purchaser shall be controlled by the laws of the state of Oregon, USA, in force as of the date of shipment by the manufacturer.

#### **TERMS - Miscellaneous**

Prices and discounts are subject to change without notice. Orders accepted with the understanding that price and discounts prevailing at the time of shipment shall apply.

Drop Ship Fees - \$25.00 on orders up to \$500.00, \$50.00 on orders from \$501.00 to \$2000.00, and \$100.00 on orders from \$2001.00 and up. Will also include Will Call for end-users picking up on behalf of the Skookum dealer.

Shipment discrepancies must be documented. Notification of discrepancies in quantities of items shipped must be made within 15 days of receipt of shipment.

Material may not be returned without prior written permission. Requests to return material should include Skookum's original invoice number.

Any items not cataloged or items not shipped within the preceding 90 days are non-returnable. Items to be returned must be in new and unused condition.

Non-cataloged items or special engineered products canceled will be subject to a cancellation charge equal to the greater of the cost of labor and material incurred by the company and no less than 25% of net order value.

For standard items returned, a minimum restocking charge the greater of 25% or \$50 shall be made, with additional charges as required for repairing items not received in good condition.

Returned items must be freight prepaid, and all transportation costs previously assumed by Skookum will be charged back.

All items are FOB Hubbard, OR, unless otherwise noted.

## www.SKOOKUMTOUGH.com









 Toll Free:
 800.547.8211

 Phone:
 503.651.3175

 Fax:
 503.651.3409

 Email:
 Sales\_Team@ulvencompanies.com

Mailing Address: 2310 Industrial Ave Hubbard, OR 97032