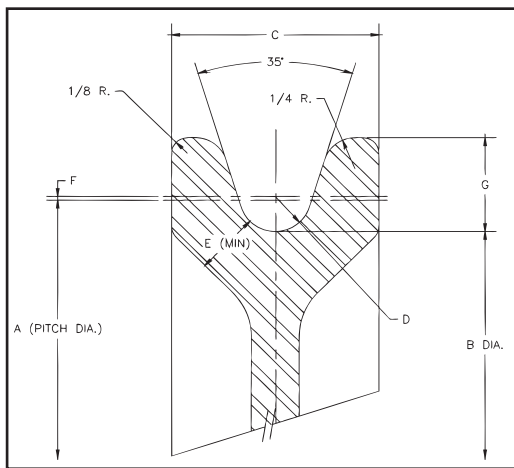


McKissick® manufactures special Roll-Forged Sheaves to meet the Specifications of AISE Standard Number 6.

- AISE Sheaves must meet specified criteria established by the Association of Iron and Steel Engineers for special use in electric overhead Traveling Cranes for Steel Mill Service.
- Other typical applications that may specify AISE sheaves:
  - Mobile Cranes
  - Portal Cranes
  - Power Shovels
  - Other equipment using Wirelinee

**Typical AISE Sheave Rim Profile with Specified Dimensional Requirements**



| Sheave Wheel Contours |                 |        |       |       |       |      |         |
|-----------------------|-----------------|--------|-------|-------|-------|------|---------|
| Rope Diameter* (in)   | Dimensions (in) |        |       |       |       |      |         |
|                       | A               | B      | C     | D     | E     | F    | G       |
| 1/2                   | 15              | 14-1/2 | 1-3/4 | 9/32  | 1/2   | 1/32 | 3/4     |
| 5/8                   | 18-3/4          | 18-1/8 | 2     | 11/32 | 5/8   | 1/32 | 15/16   |
| 3/4                   | 22-1/2          | 21-3/4 | 2-1/4 | 13/32 | 3/4   | 1/32 | 1-1/8   |
| 7/8                   | 26-1/4          | 25-3/8 | 2-1/2 | 31/64 | 7/8   | 3/64 | 1-5/16  |
| 1                     | 30              | 29     | 2-3/4 | 35/64 | 1     | 3/64 | 1-1/2   |
| 1-1/8                 | 33-3/4          | 32-5/8 | 3     | 39/64 | 1-1/8 | 3/64 | 1-11/16 |
| 1-1/4                 | 37-1/2          | 36-1/4 | 3-1/4 | 11/16 | 1-1/4 | 1/16 | 1-7/8   |
| 1-3/8                 | 41-1/4          | 39-7/8 | 3-1/2 | 3/4   | 1-3/8 | 1/16 | 2-1/16  |
| 1-1/2                 | 45              | 43-1/2 | 3-3/4 | 13/16 | 1-1/2 | 1/16 | 2-1/4   |

\* Sheaves with other Wireline sizes are available upon request. Other pitch diameters available on application basis. Grooves are flame hardened to min. RC35 for 1/2" Wireline and larger.

**For additional information concerning special AISE sheaves, contact:**

**In U.S.A.** - Crosby's Special Engineered Product Group at 1-800-777-1555

**In Canada** - Crosby Canada at (877) 462-7672

**In Europe** - N.V. Crosby Europe at (+32) (0)15 75 71 25