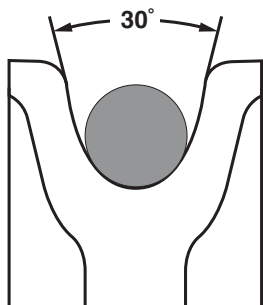


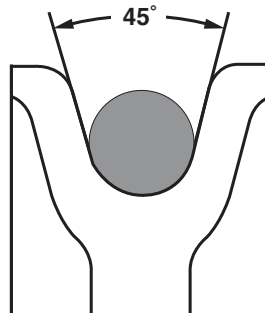
McKissick® Sheaves Groove Profile Available

McKISSICK® Wireline GROOVE PROFILES



API STYLE
30 degrees

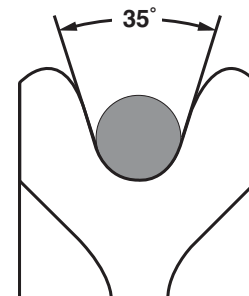
The sheave profile is a very important feature of all sheaves. McKissick manufactures standard sheaves for general use in hoisting wire rope guide applications to minimal API Specifications. The profile includes a groove angle of 30°. This groove profile is used in mobile cranes, drilling rigs, working units, tubing blocks, traveling blocks, crown blocks and many other general hoisting applications.



EUROPEAN STYLE
45 degrees

DIN 15061 lifting appliances defines groove profiles for wire rope sheaves

Nominal tread depth is 1.5 times wire rope diameter.



AISE STYLE
35 degrees

McKissick manufactures 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. The profile includes a groove angle of 35°. Dimensional details are also different from the API profile. This groove profile is used in overhead traveling cranes, mobile cranes, portal cranes, power shovels and other equipment using wire rope.

Contact Crosby for additional available groove angles.

McKissick
Sheaves

McKissick® Sheaves Available to API Standards

- McKissick® products has been licensed by the American Petroleum Institute to manufacture Roll-Forged Sheaves under API specifications 8C. In addition, McKissick® Products is API Q1 certified
- McKissick® Products also produces sheaves to the requirements of API 2C.
- API sheaves must meet the criteria established by the American Petroleum Institute for drilling and production hoisting equipment .
- Typical oilfield applications include: Heavy Haul Trucking, Workover and Well Servicing Units, Tubing Blocks, Traveling Blocks, Crown Blocks and Offshore Cranes.

API 8C Requires

- Databook
- Material certs and traceability
- D/d ratio per API RP9B
- MPI
- UT of full penetration weld
- 30° groove angle. Groove depth a minimum 1.33 d and maximum 1.75 d, where d=nominal rope diameter.
- Manufactured by an API-8C licensed facility
- Specific groove radii
- Can be furnished to API 8C PSL1 or PSL2

API 2C Requires

- Material certs and traceability
- D/d ratio 18/1 or greater, based on pitch diameter
- At least 30° groove angle
- Specific groove radii



Licensed Under
API Spec 8C-0021