

Crosby Value Added

- **Charpy Impact Properties:** Crosby's quenched, tempered and normalized end fittings and normalized bodies have enhanced impact properties for greater toughness at all temperatures. If requested at the time of order, Crosby can provide Charpy impact properties.
- **Fatigue Properties:** Typical fatigue properties are available for selected sizes. Crosby turnbuckles are designed with quenched, tempered or normalized end fittings and modified UNJ threads for improved fatigue properties.
- **Typical Hardness Levels, Tensile Strengths and Ductility Properties:** These properties are available for all sizes.
- **Inspection:** If requested at the time of order, turnbuckles can be furnished proof tested or magnaflux inspected with certificates.
- **Full Line:** Turnbuckle assembly combinations include: Eye and Eye, Hook and Hook, Hook and Eye, Jaw and Jaw, Jaw and Eye.
- **Hot Dip Galvanize:** Turnbuckle components have a high quality "hot dip" galvanize finish. Self colored turnbuckle bodies are available upon request.
- **Jaw Ends:** Jaw ends are fitted with bolts and nuts (1/4" through 5/8"), or pins and cotters (3/4" through 2-3/4").
- **Turnbuckle Eyes:** Eyes are elongated by design, maximizing easy attachment in system and minimizing stress in the eye. For turnbuckle sizes 1/4" through 2-1/2", shackles one size smaller can be reeved through the eye.
- **Turnbuckle Hooks:** Crosby forges its turnbuckle hooks with a greater cross sectional area that results in a stronger hook with better fatigue properties.
- **Material Analysis:** Crosby can provide certified material (mill) analysis for each production lot, traceable by the Product Identification Code (PIC). Crosby, through its own laboratory, verifies the analysis of each heat of steel. Crosby purchases only special bar forging quality steel with specific cleanliness requirements and guaranteed hardenability.



HG-223 Hook & Hook

Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1, Class 5, and ASTM F-1145, except for those provisions required of the contractor.

HG-225 Hook & Eye

Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1, Class 6, and ASTM F-1145, except for those provisions required of the contractor.

HG-226 Eye & Eye

Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1, Class 4, and ASTM F-1145, except for those provisions required of the contractor.

HG-227 Jaw & Eye

Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1, Class 8, and ASTM F-1145, except for those provisions required of the contractor.

HG-228 Jaw & Jaw

Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1, Class 7, and ASTM F-1145, except for those provisions required of the contractor.

HS-251 Stub End

Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1, Class 3, and ASTM F-1145, except for those provisions required of the contractor.