Knuckle Joints
Threaded / Configurable Type

Features:
- Can choose between Convex and Concave threaded type.
- Convex Type
  - Threads: F Fixed, FNMB, FNMTB
  - Sizes: 20–2.5, 12, 13, 14, 15, 16, 20
- Concave Type
  - Threads: F Configurable, FNMTBF
  - Sizes: 4–0.7, 6–1.0, 3–0.5, 8–1.25, 5, 6, 8, 5–16, 5–8

Selection
- The end face of the screw may have a counterbored hole.
- The end face of Oil-Free Bushings may have a counterbored hole.

Material
- 12C steel, 4140, 17-4 PH, 304 stainless steel

Surface Treatment
- Black Oxide
- 304 Stainless Steel

There's more on the web: misumiusa.com

Knuckle Joints
Oil-Free Bushing Press-Fit

Features:
- Knuckle joints with embedded oil-free bushings to prevent abrasion by rotating.

Selection
- When NO-4, thread depth t = M x 1. When NO-14 or 12, thread depth t = 0.8 x 1.
- There may be a counterbored hole on the end face of the screw.

Type
- Convex Type
  - Threads: F Fixed, FNMB, FNMTB
  - Sizes: 20–2.5, 12, 13, 14, 15, 16, 20
- Concave Type
  - Threads: F Configurable, FNMTBF
  - Sizes: 4–0.7, 6–1.0, 3–0.5, 8–1.25, 5, 6, 8, 5–16, 5–8

Material
- 12C steel, 4140, 17-4 PH, 304 stainless steel

Surface Treatment
- Black Oxide
- 304 Stainless Steel

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