

**EXCLUSIVE
5-YEAR
MECHANICAL
WARRANTY***



- Combined with API adapters, these couplers are suitable for rail car and tank truck loading or unloading

- Locking five-cam design provides easy alignment and tight connection
- Modular design allows various face seal combinations to be compatible with different alternative fuels, performance levels, and applications
- Replaceable nose seal can be changed without removing coupler from loading arm
- Fully interlocked collar prevents fitting from opening when disconnected and from being disconnected while opened
- 4" TTMA inlet mounting flange connection
- Ball-end handle for easy and comfortable operation
- No special tools needed for maintenance

- Body: 356 T6 aluminum anodized hard-coat
- Cam: stainless steel
- Poppet: 356T6 aluminum anodized hard-coat
- Seals: FKM-GFLT standard; Baylast, EPDM, Fluoroelastomer, FKM-B
- Link, shaft, pin, crank: hardened 17-4PH stainless steel
- Handle: aluminum, stainless steel

- Seal operating temperature:
 - Baylast™: **-35°F to 212°F (-37°C to 100°C)**
 - EPDM: **-60°F to 250°F (-50°C to 121°C)**
 - FKM-B: **-15°F to 400°F (-26°C to 204°C)**
 - FKM-GFLT: **-35°F to 400°F (-37°C to 204°C)**
 - Fluorosilicone: **-50°F to 350°F (-45°C to 176°C)**
- Flow rate: **600 GPM at 3 PSI** pressure drop; max flow rate: **1,000 GPM**
- Fully compliant with API RP1004:2003 specifications
- Maximum allowable working pressure: **150 PSI**
- Surge pressure: **350 PSI**

Description	Part #
5500 API rack coupler FKM-GFLT aluminum handle	5500G
5500 API load coupler FKM-B seals with aluminum handle	5500B
5500 API rack coupler FKM-B seals with aluminum handle, Inconel® springs for crude service	5500BC
5500 API rack coupler Baylast aluminum handle	5500BL
5500 API rack coupler EPDM aluminum handle	5500E
5500 API rack coupler fluorosilicone aluminum handle	5500F



7280 Union Centre Blvd
West Chester, Ohio 45014
ph: 513.874.8499
fx: 513.874.8399
dixonvalve.com

The Right Connection®

5500-Series

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- The diagram shows a three-legged stool with a rectangular seat and three tapered legs. A circular inset provides a magnified view of the joint where the seat meets one of the legs, showing a complex, interlocking structure that resembles a traditional mortise and tenon joint.

Improvement

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- This will solve the occasional rusting and breaking issues

A 3D perspective diagram of a mechanical assembly. It features a grey cylindrical component on the left labeled 'Sleeve lock' and a blue handle-like structure on the right labeled 'Handle'. The handle has a red circular feature near the sleeve lock and a larger blue spherical end. A blue curved tube connects the handle to the sleeve lock area.

- Two-piece handle is attached to the coupler with two separate cross pins

- Should the handle cross pins be sheared away, the interlock will remain operational, preventing the coupler from opening

Part #: 5501

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- Allows the operator to drain a loading arm easily and safely
- Fits all API bottom loading couplers

Part #: 5204H

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- Neatly store and secure loading arms while not in use

Part #: 5503

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- 4" aluminium

Part #: 40714AL

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- Prevents coupling or opening of coupling while maintenance is performed
- Meets lockout/tagout standard requirements