



## Quick-Acting Coupling Specifications

### Applications

Agriculture • Chemicals • Petroleum • Construction • Material Handling • Irrigation • Fracking

## Aluminum

### Features & Benefits

- All sizes except 1/2", 5" and 8" comply with Mil-Spec A-A-59326 for interchangeability
- 5" Size complies with ASTM specs for interchangeability
- 1/2" x 1/2" are not specified under Mil Specs
- All 8" and 10" female couplers supplied with 4 locking handles, safety clips, pull rings and chains
- Aluminum alloy is specially designed for high tensile strength, lightness and rigidity
- Locking feature using safety clips to prevent disconnection during use on all sizes except 1/2"
- Hose shanks specially designed for easy assembly with Tigerflex type hoses
- Aluminum couplings supplied with brass handles which results in less wear on connecting parts

### Aluminum 8" Coupling Options

- Kuriyama offers both 8" coupling styles in aluminum
- Standard AL-(X)800 couplings interchange with PT Domestic, Dixon Global, Campbell, and Jason
- Heavy Duty HDAL-(X)801 couplings interchange with PT Import, Dixon Andrews, NECO, Ever-Tite, UPD, and Sealfast

### Material Specifications

- ASTM B85 Grade 383 aluminum alloy
- Forged brass handles - aluminum items
- Type 304 stainless steel handles - ALSH items
- Zinc-plated carbon steel handle pins
- Zinc-plated carbon steel pull rings
- Zinc-plated carbon steel safety clips
- Buna-N Gaskets

### PSI Rating @ 70°F (+21°C)

1/2" – 2"	250 PSI
2 1/2" – 4"	150 PSI
5" – 6"	75 PSI
8" – 10"	50 PSI

## Brass

### Features & Benefits

- All sizes except 1/2" and 5" comply with Mil-Spec A-A-59326 for interchangeability
- 5" Size complies with ASTM specs for interchangeability
- 1/2" x 1/2" are not specified under Mil Specs
- Brass alloy is specially designed for high tensile strength and rigidity
- Locking feature using safety clips to prevent disconnection during use on all sizes except 1/2"

### Material Specifications

- ASTM B584 Grade C85700 brass alloy
- Forged brass handles
- Type 304 stainless steel handle pins
- Type 304 stainless steel pull rings
- Zinc-plated carbon steel safety clips
- Buna-N Gaskets

### PSI Rating @ 70°F (+21°C)

1/2" – 2"	250 PSI
2 1/2" – 4"	150 PSI
5" – 6"	75 PSI

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## 316 Stainless Steel

### Features & Benefits

- All sizes except 1/2" and 5" comply with Mil-Spec A-A-59326 for material and interchangeability
- 5" Size complies with ASTM specs for interchangeability
- 1/2" x 1/2" are not specified under Mil Specs
- Stainless steel alloy chemical composition is analyzed on every melt
- Composition test certificate is available upon request
- Locking feature using safety clips to prevent disconnection during use on all sizes except 1/2"

### Material Specifications

- ASTM A666 316 stainless steel alloy
- Type 304 stainless steel handles
- Type 304 stainless steel handle pins
- Type 304 stainless steel pull rings
- Type 304 stainless steel safety clips
- Buna-N Gaskets

### PSI Rating @ 70°F (+21°C)

1/2" – 2"	250 PSI
2 1/2" – 4"	150 PSI
5" – 6"	75 PSI

## 304 Stainless Steel

### Features & Benefits

- All sizes except 1/2" and 5" comply with Mil-Spec A-A-59326 for material and interchangeability
- 5" Size complies with ASTM specs for interchangeability
- 1/2" x 1/2" are not specified under Mil Specs
- Stainless steel alloy chemical composition is analyzed on every melt
- Composition test certificate is available upon request
- Locking feature using safety clips to prevent disconnection during use on all sizes except 1/2"

### Material Specifications

- ASTM A666 304 stainless steel alloy
- Type 304 stainless steel handles
- Type 304 stainless steel handle pins
- Type 304 stainless steel pull rings
- Type 304 stainless steel safety clips
- Buna-N Gaskets

### PSI Rating @ 70°F (+21°C)

1/2" – 2"	250 PSI
2 1/2" – 4"	150 PSI
5" – 6"	75 PSI

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## Polypropylene

### Features & Benefits

- All sizes except 1/2" comply with Mil-Spec A-A-59326 for interchangeability
- 1/2" x 1/2" are not specified under Mil Specs
- Polypropylene material is glass-filled for added strength and durability
- Locking feature using safety clips to prevent disconnection during use on all sizes except 1/2"
- All 4" size female couplers are supplied with three locking handles to provide added stability

### Material Specifications

- Type 304 stainless steel handles
- Type 304 stainless steel handle pins
- Type 304 stainless steel pull rings
- Type 304 stainless steel safety clips
- EPDM gaskets

### PSI Rating @ 70°F (+21°C)

1/2" – 2"	100 PSI
3" – 4"	50 PSI

## Glass Reinforced Nylon

### Features & Benefits

- All sizes comply with Mil-Spec A-A-59326 for interchangeability
- Nylon material is fiberglass reinforced for high tensile strength and durability
- Locking feature using safety clips to prevent disconnection during use on all sizes
- All 4" size female couplers are supplied with three locking handles to provide added stability

### Material Specifications

- Type 304 stainless steel handles
- Type 304 stainless steel handle pins
- Type 304 stainless steel pull rings
- Type 304 stainless steel safety clips
- EPDM gaskets

### PSI Rating @ 70°F (+21°C)

1/2" – 2"	100 PSI
3" – 4"	50 PSI

## Ductile Iron

### Features & Benefits

- All sizes comply with Mil-Spec A-A-59326 for interchangeability
- Coupling ID is specially designed for maximum flow of product
- Locking feature using safety clips to prevent disconnection during use on all sizes

### Material Specifications

- Type 304 stainless steel handles
- Type 304 stainless steel handle pins
- Type 304 stainless steel pull rings
- Zinc-plated carbon steel safety clips
- BUNA gaskets

### PSI Rating @ 70°F (+21°C)

4"	150 PSI
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