



### Certifications & Standards

- Meets ASTM C 564
- Meets FM 1680 Class 1
- Meets ASTM C 1540
- Meets CSA B 60
- Meets CISPI 310
- IAPMO File 6525

Size	Width	# of Clamps	Torque
1½" - 4"	3"	4	80
5" - 8"	4"	6	80

### Material Specifications

Clamp: Type 301 AISI stainless steel

Screw: Type 304 AISI stainless steel 5/16" Hex

Shield: Type 301 AISI stainless steel, corrugated. Shield thickness 0.010"

Gasket: The gasket shall be manufactured from a properly vulcanized virgin compound in which the primary elastomer is polychloroprene (Neoprene) conforming to ASTM C 564. Oil immersion test: 80% max. Volume Change after immersion in ASTM oil no. 3 for 70 hours at 212 °F.

The Joiner Heavy Duty SS No Hub Coupling has been engineered by Deks to provide a heavy duty, all stainless steel coupling, fulfilling the desire for a more rigid joint with the need to provide a superior sound seal, which can accommodate possible disparities in the mating of No Hub pipe and fittings. This has been accomplished by manufacturing our coupling with a heavy duty corrugated shield of ample width to accommodate additional surface bearing sealing clamps.

The additional sealing clamps when torqued to 80 inch pounds, offer two important performance related installation benefits. First, the overall dimensional thickness of the clamp and shield, in conjunction with the additional width of the coupling result in a more uniformly rigid joint, with the load being supported at both the outer edge of the coupling and the centerline of the joint. Second, the additional sealing clamps provide increased surface bearing contact between the coupling and the pipe or fittings, thereby inhibiting joint movement at higher internal pressures.

These couplings consist of a 301 stainless shield in conjunction with multiple stainless steel clamps mounted in a uniform series, secured in place by means of an affixed and floating eyelet to allow the clamps movement during tightening.

All Joiners Heavy Duty SS No Hub Couplings are designed to be installed with a pre-set torque wrench calibrated at 80 inch pounds to accommodate the 304 stainless steel 5/16" hex head fasteners.

Deks USA HQ: Chicago, IL [www.deks.com.au](http://www.deks.com.au) "Over 20 Years of Joiner Manufacturing Experience"



### Certifications & Standards

- Meets ASTM C 564
- Meets ASTM C 1277
- Meets CISPI 310 (ASTM A 888)
- Meets CSA B 60
- UPC / IAPMO File #4936

Size	Width	# of Clamps	Torque
1½" - 4"	3"	2	60
5" - 8"	4"	2	60

### Material Specifications

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**Clamp:** Type 301 AISI stainless steel

**Screw:** Type 304 AISI stainless steel 5/16" Hex

**Shield:** Type 301 AISI stainless steel, corrugated. Shield thickness .0075"

**Gasket:** The gasket shall be manufactured from a properly vulcanized virgin compound in which the primary elastomer is polychloroprene (neoprene) conforming to ASTM C 564. Oil immersion test: 80% max. Volume Change after immersion in ASTM oil no. 3 for 70 hours at 212 degrees F.

The Joiner SS No Hub Coupling has been engineered by Deks to join hubless cast iron pipe and fittings. Horizontal pipe and fittings must be installed / properly braced per Chapter IV, Handbook Cast Iron Soil Pipe Institute to prevent movement or joint separation.

These couplings consist of a 301 stainless shield in conjunction with stainless steel clamps, secured in place by means of an affixed and floating eyelet to allow the clamps movement during tightening, allowing the band and shield to move independently. The stainless steel shield and clamps are corrosion resistant.

The corrugated stainless shield design provides maximum sealing pressure to prevent pull out failures.

All Joiners SS No Hub Couplings are designed to be installed with a pre-set torque wrench calibrated at 60 inch pounds to accommodate the 304 stainless steel 5/16" hex head fasteners.

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### Certifications & Standards

- Meets ASTM C 564
- Meets CISPI 310
- Meets ASTM C1460
- UPC / IAPMO File #6525
- Meets CSA B 602

Size	Width	# of Clamps	Torque
1½" - 4"	3"	2	60
6"	3"	4	60
8"	4"	4	60

### Material Specifications

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**Clamp:** Type 301 AISI stainless steel

**Screw:** Type 304 AISI stainless steel 5/16" Hex

**Shield:** Type 301 AISI stainless steel, Shield thickness 0.012"

**Gasket:** The gasket shall be manufactured from a properly vulcanized virgin compound in which the primary elastomer is polychloroprene (neoprene) conforming to ASTM C 564. Oil immersion test: 80% max. Volume Change after immersion in ASTM oil no. 3 for 70 hours at 212 degrees F.

The Joiner Heavy –Duty SS Shielded Coupling has been engineered by Deks to join Cast Iron pipe, PVC., Steel, Copper, and tubular drain waste and vent systems. Horizontal pipe and fittings must be installed / properly braced per Chapter IV, Handbook Cast Iron Soil Pipe Institute to prevent movement or joint separation.

These couplings consist of a 301 stainless shield in conjunction with stainless steel clamps, secured in place by means of an affixed and floating eyelet to allow the clamps movement during tightening, allowing the band and shield to move independently. The stainless steel shield and clamps are corrosion resistant.

All Joiners SS Heavy-Duty Shielded Couplings are designed to be installed with a pre-set torque wrench calibrated at 60 inch pounds to accommodate the 304 stainless steel 5/16" hex head fasteners.

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### Certifications & Standards

- Meets ASTM C1173
- Meets ASTM D5926
- Meets CISPI 310
- UPC / IAPMO File 5014
- Meets CSA B 602

Size	Width	# of Clamps	Torque
1½" - 4"	3"	2	60
5" - 8"	4"	2	60

### Material Specifications

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**Clamp:** Type 301 AISI stainless steel

**Screw:** Type 304 AISI stainless steel 5/16" Hex

**Maximum Test Pressure:** 4.3 PSI ( 29.6 KPA )

**Maximum Operating Temperature:** 140 Degrees F, intermittently

**Minimum Operating Temperature:** - 30 Degrees F

**Gasket:** Elastomeric materials used in the manufacturing of couplings shall comply with the requirements set forth in ASTM C 1173 Table 1.

The Joiner Flexible Coupling has been engineered by Deks to provide a leak proof seal connection on many pipe materials. Joiner Flexible Couplings provide a high quality and user friendly installation. Applications include, but are not limited to sewer and in house connections: seals against infiltration and exfiltration, drain, waste, vent piping, house to main, retrofit, repairs, roof drains and cut ins.

The compounds utilized to manufacture will provide long-term installed life and are not affected by soil. Further, Joiners are resistant to chemicals, ultraviolet rays, normal sewer gas, fungus growth and root resistant.

All Joiners Flexible Couplings are designed to be installed with a pre-set torque wrench calibrated at 60 inch pounds to accommodate the 305 stainless steel 5/16" hex head fasteners.

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