

# Heavy Duty MD No-Hub Couplings

Product Specifications

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## Product Features:

- Engineered to connect no-hub cast iron pipe, replacing less efficient hub and spigot material
- All bands, housings, screws and shields constructed using corrosion resistant AISI stainless steel
- Provides superior performance at a very competitive cost
- Made in USA



## Material & Specifications:

- Complete: Conforms to ASTM C1540, CISPI 310, FM 1680
- Clamp: Type 304 AISI stainless steel
- Screw: Type 305 AISI stainless steel 5/16" hex head/shoulder
- Shield: Type 304 AISI stainless steel, corrugated, thickness 0.008", yellow in color
- Gasket: Fabricated from a high quality elastomeric compound (ASTM C564)

| ✓ To Submit | Part #    | Description                     | Shield Width Size | Installation Torque (in - lbs) | # of Clamps for Coupling |
|-------------|-----------|---------------------------------|-------------------|--------------------------------|--------------------------|
|             | MLC150HW  | 1-1/2" Heavy MD No-Hub Coupling | 3"                | 80                             | 4                        |
|             | MLC200HW  | 2" Heavy MD No-Hub Coupling     | 3"                | 80                             | 4                        |
|             | MLC300HW  | 3" Heavy MD No-Hub Coupling     | 3"                | 80                             | 4                        |
|             | MLC400HW  | 4" Heavy MD No-Hub Coupling     | 3"                | 80                             | 4                        |
|             | MLC500HW  | 5" Heavy MD No-Hub Coupling     | 4"                | 80                             | 6                        |
|             | MLC600HW  | 6" Heavy MD No-Hub Coupling     | 4"                | 80                             | 6                        |
|             | MLC800HW  | 8" Heavy MD No-Hub Coupling     | 4"                | 80                             | 6                        |
|             | MLC1000HW | 10" Heavy MD No-Hub Coupling    | 4"                | 80                             | 6                        |

## Warranty

See warranty information for more details.

All dimensions listed are nominal. MAINLINE® reserves the right to make product and material changes at any time without notice.



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| Features                   | Standard No-Hub  | Standard USA No-Hub                                      | Heavy-Duty MD No-Hub                         | Heavy-Duty HD No-Hub                         | 12" & 15" No-Hub |
|----------------------------|--|--|--|--|------------------|
| 1/2" Clamp Band            | 1-1/2" thru 4"   | 1-1/2" thru 4"   |  |  |                  |
| 9/16" Clamp Band           | 5" thru 10"  | 5" thru 10"  | x  | x  |                  |
| 5/8" Clamp Band            |  |  |  |  | x                |
| 5/16" Hex Head Screw       | x  | x  | x  |  |                  |
| 3/8" Hex Head Screw        |  |  |  | x  | x                |
| No. of Clamps Included     | 2 (1-1/2" thru 4")<br>4 (5" thru 10")                    | 2 (1-1/2" thru 4")<br>4 (5" thru 10")                    | 4 (1-1/2" thru 4")<br>6 (5" thru 10")        | 4 (1-1/2" thru 4")<br>6 (5" thru 10")        | 6                |
| Coupling Width             | 1-1/2" thru 4" = 2-1/8"<br>5" & 6" = 3"<br>8" & 10" = 4" | 1-1/2" thru 4" = 2-1/8"<br>5" & 6" = 3"<br>8" & 10" = 4" | 1-1/2" thru 4" = 3"<br>5", 6", 8" & 10" = 4" | 1-1/2" thru 4" = 3"<br>5", 6", 8" & 10" = 4" | 5-1/2"           |
| Shield Color               | None   | None   | Yellow                                       | Green  | None             |
| Bi-Directional Shield      | Unidirectional   | x  | x  | x  | x                |
| Beaded Gaskets             | x  | x  | 8" & 10"                                     | 8" & 10"                                     | x                |
| Offset Ribbed Gaskets      |  |  | 1-1/2" thru 6"                               | 1-1/2" thru 6"                               |                  |
| Floating Eyelets           | x  | x  | x  | x  | x                |
| Interlocked Housing Design | x  | x  | x  |  |                  |
| Shield Material            | 301 SS   | 301 SS   | 304 SS                                       | 304 SS                                       | 304 SS           |
| Band Material              | 301 SS   | 301 SS   | 304 SS                                       | 304 SS                                       | 304 SS           |
| Housing Material           | 301 SS   | 301 SS   | 304 SS                                       | 304 SS                                       | 304 SS           |
| Screw Material             | 305 SS   | 305 SS   | 305 SS                                       | 305 SS                                       | 305 SS           |
| Eyelet Material            | 305 SS   | 305 SS   | 305 SS                                       | 305 SS                                       | 305 SS           |
| Gasket Material            | ASTM C564  | ASTM C564  | ASTM C564                                    | ASTM C564                                    | ASTM C564        |
| Installation Torque        | 60 in-lbs  | 60 in-lbs  | 80 in-lbs                                    | 80 in-lbs                                    | 120 in-lbs       |
| Ultimate Torque            | 75 in-lbs  | 75 in-lbs  | 100 in-lbs                                   | 100 in-lbs                                   | 150 in-lbs       |
| CISPI 310 Compliant        | x  | x  | Exceeds                                      | Exceeds                                      | x                |
| ASTM C1277 Compliant       | x  | x  |  |  | x                |
| ASTM C1540 Compliant       |  |  | x  | x  | x                |
| Factory Mutual 1680        |  |  | Compliant                                    | Compliant                                    |                  |
| IAPMO                      | Certified  | Certified  | Certified                                    | Certified                                    | Certified        |
| Canadian Std. Association  | Certified  | Certified  | Certified                                    | Certified                                    |                  |
| NSF                        | Certified 1-1/2" to 10"<br>Excludes reducers             | Certified 1-1/2" to 10"<br>Excludes reducers             |  |  |                  |

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