MACRO HP™
TWO-BOLT WIDE RANGE DUCTILE IRON COUPLING

MACRO HP™
TWO-BOLT EXTENDED RANGE COUPLING

• New Sizes - Macro HP is now available for pipe sizes 2” through 12”

• High Performance One-Piece Gasket

• Up To 25% Higher Working Pressure (up to 305 PSI)

• Up To 25% More Deflection (up to 10°)

• Stainless Steel Armors Are Bonded To Gaskets

• Patent Number: 8448993

MACRO HP ADVANTAGES

• DUCTILE IRON
  Long-life ductile iron end-rings and center-ring.

• WIDE RANGE
  Macro HP fits a wide variety of pipe materials and diameters.

• SIMPLE INSTALLATION
  Macro HP is a fast stab-fit installation with only two bolts to tighten. The built-in handle makes the Macro HP simple to carry and maneuver.

• EASY TO REMOVE
  In the event that the coupling needs to be removed, Macro HP can be quickly removed simply by loosening two bolts.

• CATHODIC PROTECTION
  The Macro HP can be ordered with an adapter/connection for cathodic protection if desired.

• ALLOWS DEFLECTION
  When properly installed the Macro HP can accommodate pipe deflection of up to 10 degrees (5 degrees on each end).

• MANUFACTURED IN THE U.S.A.
  BY ROMAC INDUSTRIES, INC.
  Patent Number: 8448993

MATERIAL SPECIFICATIONS

CASTINGS: All cast components (end rings, center ring, and bolt guides) are ductile iron, meeting or exceeding the requirements of ASTM A 536, grade 65-45-12. End rings are segmented and joined with a hinge.

GASKETS: Made from virgin Ethylene Propylene Diene Monomer Rubber (EPDM) compounded for water and sewer service in accordance with ASTM D2000, NSF 61 Certified. NBR - NSF 61 gaskets available upon request.


ARMOR: Heavy gauge 304 stainless steel bonded to gaskets.

COATINGS: Center Ring is Romacote fusion bonded epoxy, NSF 61 Certified. Center Ring can be coated to AWWA C213 upon request. End Rings are E-Coated epoxy.

PRESSURE: When properly installed, the Romac MACRO HP coupling can be used at working pressures up to 305 psi. Contact Romac Engineering for details.

Flexible couplings do not provide protection against possible pullout of pipe ends in unrestrained conditions.

See following page for dimensions.
MACRO HP™
TWO-BOLT WIDE RANGE DUCTILE IRON COUPLING

The 2 and 3 inch Macro HP Couplings are designed to fit most common pipe materials.

For other ranges and gasket configurations not shown in the table below, contact Romac Industries, Inc.

WIDE RANGE GASKETS
MACRO HP Sizes 4 - 12 inch, are preassembled with standard wide range gaskets that accommodate IPS through cast iron pipe. XL sizes cover DI through Oversize Cast Iron pipe diameters.

A/C GASKET INCLUDED
For larger pipe diameters such as some asbestos cement, a separate A/C gasket is included.

TO ORDER MACRO HP COUPLING: Determine the O.D. of the pipes to be coupled, and select coupling size which covers the pipe diameters of both pipe ends. Use the high range [in table above] of the overall coupling range to identify which coupling you’re ordering.

EXAMPLE: To couple 8" DI and 8" std. steel, order MACRO HP 9.75.
MACRO LR (Low-Range) GASKET
The MACRO LR gasket is for smaller pipe diameters such as OD Steel. Max. working pressure for MACRO HP with LR gasket is 200 psi. LR Gaskets are not compatible with 10” XL or 12” XL SIZES. LR Gaskets are Ethylene Propylene Diene Monomer Rubber (EPDM) compounded for water and sewer service. NBR gaskets available upon request. List prices do not include coupling.

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>RANGE</th>
<th>CATALOG NUMBER</th>
<th>APPROX. WEIGHT (lbs.)</th>
<th>LIST PRICE EACH</th>
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<tbody>
<tr>
<td>4”</td>
<td>3.50 - 4.30</td>
<td>8R26104LR</td>
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<td>6”</td>
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<td>8R26108LR</td>
<td>3.00</td>
<td>59.78</td>
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<td>8R26110LR</td>
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<td>8R26112LR</td>
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TO ORDER LR GASKET: Specify which sized LR gasket by indicating the corresponding Catalog Number.

INSULATING BOOT
COMPATIBLE WITH MACRO HP AND 501 COUPLINGS
Romac Insulating boot effectively stop electrolytic action by isolating one pipe from the other. Insulating boots are Ethylene Propylene Diene Monomer (EPDM) compounded for water and sewer service.

<table>
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<th>PIPE SIZE</th>
<th>O.D. (inches)</th>
<th>LENGTH (inches)</th>
<th>LIST PRICE</th>
<th>APPROX. WEIGHT (lbs.)</th>
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<td>4.50</td>
<td>12.00</td>
<td>$41.94</td>
<td>.75 #</td>
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<tr>
<td></td>
<td>4.80</td>
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<tr>
<td>6”</td>
<td>6.625</td>
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<td>50.71</td>
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<td>6.90</td>
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</tr>
<tr>
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<td>9.05</td>
<td>12.00</td>
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</tr>
<tr>
<td>10”</td>
<td>10.75 ¹</td>
<td>12.00</td>
<td>92.06</td>
<td>1.75 #</td>
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<td>11.10</td>
<td>12.00</td>
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<tr>
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</table>

¹Special, not common stock gaskets.

NOTE: Insulating Boots are not for use with 10” XL, 12” XL or Macro LR Gaskets. Insulating Boots limit working pressure of coupling to 200 psi.

TO ORDER INSULATING BOOTS: Specify pipe OD.

ADAPTED CATHODIC PROTECTION
Mechanical Connection for adding cathodic protection such as an anode (Romac does not supply anode). List price does not include coupling.

ADD-ON LIST PRICE
$187.16

TO ORDER "ADAPTED FOR CATHODIC PROTECTION" ADD-ON:
Add the designation "C" to the end of the coupling order.

EXAMPLE: To order an 8” MACRO Adapted for Cathodic Protection, Order: MACRO HP 9.75 - C.