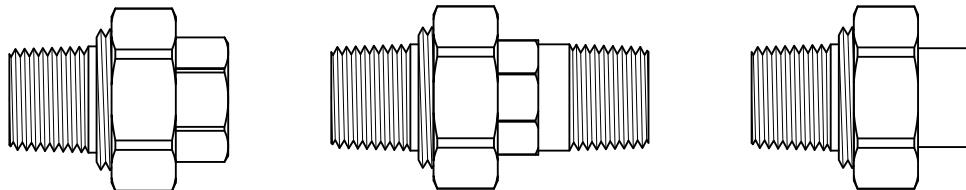




UA Series Specifications Brass Union Adapter



PRODUCT DESCRIPTION: The UA is a brass MNPT x union adapter that connects to FNPT ended products. The UA converts line connection types and offers line size reductions. The union tail pieces are available in FNPT, MNPT, and SWT ends. Refer to the product selection guide below for available reductions. The UA ships as a configured kit consisting of the UA body, o-ring, union nut, and tail piece.

| Product Size | Reduction Size Needed - Female / UA Model # | | | | | |
|--------------|---|-------|-------|--------|--------|------|
| | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
| 1/2" MNPT | UA1F | -- | -- | -- | -- | -- |
| 3/4" MNPT | UA21F | UA2F | -- | -- | -- | -- |
| 1" MNPT | UA31F | UA32F | UA3F | -- | -- | -- |
| 1 1/4" MNPT | -- | UA42F | UA43F | UA4F | -- | -- |
| 1 1/2" MNPT | -- | -- | UA53F | UA54F | UA5F | -- |
| 2" MNPT | -- | -- | -- | UA64F | UA65F | UA6F |

-- Indicates reduction size is not available without additional reducers

| Product Size | Reduction Size Needed - Male / UA Model # | | | | | |
|--------------|---|-----------|---------|-------------|-------------|---------|
| | 1/2" MNPT | 3/4" MNPT | 1" MNPT | 1 1/4" MNPT | 1 1/2" MNPT | 2" MNPT |
| 1/2" MNPT | UA1M | -- | -- | -- | -- | -- |
| 3/4" MNPT | UA21M | UA2M | -- | -- | -- | -- |
| 1" MNPT | UA31M | UA32M | UA3M | -- | -- | -- |
| 1 1/4" MNPT | UA41M | UA42M | UA43M | UA4M | -- | -- |
| 1 1/2" MNPT | -- | UA52M | UA53M | UA54M | UA5M | -- |
| 2" MNPT | -- | -- | UA63M | UA64M | UA65M | UA6M |

| Product Size | Reduction Size Needed - Sweat / UA Model # | | | | | |
|--------------|--|----------|--------|--------|--------|------|
| | 1/2" SWT | 3/4" SWT | 1" SWT | 1 1/4" | 1 1/2" | 2" |
| 1/2" MNPT | UA1S | UA12S | -- | -- | -- | -- |
| 3/4" MNPT | UA21S | UA2S | -- | -- | -- | -- |
| 1" MNPT | UA31S | UA32S | UA3S | -- | -- | -- |
| 1 1/4" MNPT | -- | UA42S | UA43S | UA4S | -- | -- |
| 1 1/2" MNPT | -- | -- | UA53S | UA54S | UA5S | -- |
| 2" MNPT | -- | -- | -- | UA64S | UA65S | UA6S |

| STANDARD MATERIAL SPECIFICATIONS | |
|--|--|
| UA Body | Brass ASTM B455 |
| Tail Piece | Brass ASTM B124-09, B228-06, or B763-08A |
| Union Nut | Brass ASTM B455 |
| O-Ring | EPDM |
| Rate at 600 | |
| Max Temp 350°F | (See Note 1) |
| Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes in design, materials, and/or specifications without notice or liability. | |

NOTES:1. Standard Specification Detail



UA Series Dimensions Brass Union Adapter

| | MODEL | END CONNECTIONS (UA x Tail Piece) | A | B | AVERAGE LENGTH OF ENGAGEMENT | WEIGHT |
|------------|-------|--------------------------------------|-----|-----|---------------------------------|--------|
| | | | | | | |
| <p>FPT</p> | UA1F | 1/2" M x 1/2" F | 1.7 | 1.5 | 0.32 | 0.3 |
| | UA21F | 3/4" M x 1/2" F | 2.1 | | 0.34 | 0.5 |
| | UA2F | 3/4" M x 3/4" F | 1.8 | 1.8 | | 0.4 |
| | UA31F | 1" M x 1/2" F | 3.0 | | | 0.8 |
| | UA32F | 1" M x 3/4" F | 2.5 | 2.1 | 0.40 | 0.7 |
| | UA3F | 1" M x 1" F | 2.2 | | | 0.7 |
| | UA42F | 1-1/4" M x 3/4" F | 3.2 | | | 1.3 |
| | UA43F | 1-1/4" M x 1" F | 3.3 | 2.8 | 0.42 | 1.4 |
| | UA4F | 1-1/4" M x 1-1/4" F | 2.3 | | | 1.1 |
| | UA53F | 1-1/2" M x 1" F | 4.0 | | | 2.1 |
| | UA54F | 1-1/2" M x 1-1/4" F | 4.0 | 3.2 | 0.53 | 2.3 |
| | UA5F | 1-1/2" M x 1-1/2" F | 2.7 | | | 1.8 |
| <p>MPT</p> | UA64F | 2" M x 1-1/4" F | 4.5 | | | 2.3 |
| | UA65F | 2" M x 1-1/2" F | 4.5 | 3.8 | 0.44 | 3.1 |
| | UA6F | 2" M x 2" F | 2.7 | | | 2.5 |
| | UA1M | 1/2" M x 1/2" M | 2.6 | 1.5 | 0.32 | 0.4 |
| | UA21M | 3/4" M x 1/2" M | 2.6 | | | 0.4 |
| | UA2M | 3/4" M x 3/4" M | 2.7 | 1.8 | 0.34 | 0.5 |
| | UA31M | 1" M x 1/2" M | 3.2 | | | 0.8 |
| | UA32M | 1" M x 3/4" M | 3.2 | 2.1 | 0.40 | 0.8 |
| | UA3M | 1" M x 1" M | 3.2 | | | 0.8 |
| | UA41M | 1-1/4" M x 1/2" M | 3.1 | | | 1.2 |
| | UA42M | 1-1/4" M x 3/4" M | 3.3 | | | 1.4 |
| | UA43M | 1-1/4" M x 1" M | 3.3 | 2.8 | 0.42 | 1.4 |
| | UA4M | 1-1/4" M x 1-1/4" M | 3.4 | | | 1.5 |
| <p>SWT</p> | UA52M | 1-1/2" M x 3/4" M | 3.4 | | | 1.8 |
| | UA53M | 1-1/2" M x 1" M | 4.0 | | | 2.1 |
| | UA54M | 1-1/2" M x 1-1/4" M | 4.0 | 3.2 | 0.53 | 2.2 |
| | UA5M | 1-1/2" M x 1-1/2" M | 4.0 | | | 2.0 |
| | UA63M | 2" M x 1" M | 4.5 | | | 3.5 |
| | UA64M | 2" M x 1-1/4" M | 4.5 | | | 3.1 |
| | UA65M | 2" M x 1-1/2" M | 4.5 | 3.8 | 0.44 | 3.1 |
| | UA6M | 2" M x 2" M | 4.5 | | | 3.6 |
| | UA1S | 1/2" M x 1/2" S | 1.7 | | | 0.3 |
| | UA12S | 1/2" M x 3/4" S | 1.9 | 1.5 | 0.32 | 0.3 |
| | UA21S | 3/4" M x 1/2" S | 1.8 | | | 0.4 |
| | UA2S | 3/4" M x 3/4" S | 1.8 | 1.8 | 0.34 | 0.4 |
| | UA31S | 1" M x 1/2" S | 2.1 | | | 0.6 |
| | UA32S | 1" M x 3/4" S | 2.1 | 2.1 | 0.40 | 0.6 |
| | UA3S | 1" M x 1" S | 2.2 | | | 0.6 |
| | UA42S | 1-1/4" M x 3/4" S | 2.3 | | | 1.0 |
| | UA43S | 1-1/4" M x 1" S | 2.7 | 2.8 | 0.42 | 1.0 |
| | UA4S | 1-1/4" M x 1-1/4" S | 2.4 | | | 1.1 |
| | UA53S | 1-1/2" M x 1" S | 2.9 | | | 1.6 |
| | UA54S | 1-1/2" M x 1-1/4" S | 3.0 | 3.2 | 0.53 | 1.6 |
| | UA5S | 1-1/2" M x 1-1/2" S | 2.7 | | | 1.6 |
| | UA64S | 2" M x 1-1/4" S | 3.0 | | | 2.2 |
| | UA65S | 2" M x 1-1/2" S | 3.1 | 3.8 | 0.44 | 2.2 |
| | UA6S | 2" M x 2" S | 2.9 | | | 2.2 |

NOTE: All dimensions (inches), weights (pounds), and materials are subject to minor variations. Consult with the factory for confirmation of dimensions, weights, and material specifications. The average Length of Engagement dimensions are according to ANSI/ASME B1.20.1-1983 (R2006). Machinery's Handbook 28th Edition, Industrial Press, 2008. Table 1a, p. 1862.