



TECHNICAL BULLETIN

New products and developments from Anvil International

NEW STYLE MALLEABLE IRON UNIONS FIGURE #463, #554, #459 (1/4" - 2" SIZES)

Anvil now offers a new style of malleable unions for Figures 463, 554 and 459 in the 1/4" to 2" sizes. The new style malleable unions are created using a universal casting for male/female parts, resulting in component interchangeability. Since both the male and female components are machined from the same casting, both pieces are the same length.

Improvements of new style

- Interchangeability of components
- Increased wall thickness
- Standardized 8 sided design
- End to end dimensions remain unchanged
- New brass seat provides a uniform seating surface and maintains seal ability when reused. The brass seat allows for a smoother sealing surface, resulting in lower nut torques to seal the union.

The redesigned unions are machined on Anvil's brand new, state-of-the-art equipment in our ISO 9001:2008 compliant manufacturing facility. All unions are pressure tested.



Note: New style union parts are not interchangeable with old style unions.

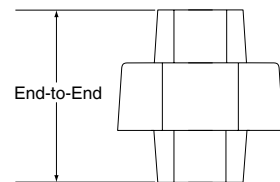
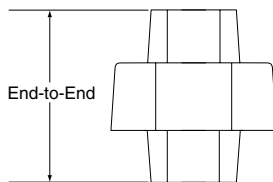
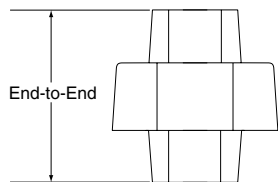


FIG. 463 - CLASS 150#			
Size	Agency	End-to-End	Black Weight
<i>in.</i>		<i>in.</i>	<i>lbs.</i>
1/4	UL FM	1 ¹³ / ₁₆	0.48
3/8	UL FM	1 ¹³ / ₁₆	0.42
1/2	UL FM	1 ¹⁵ / ₁₆	0.42
3/4	UL FM	2 ¹ / ₁₆	0.60
1	UL FM	2 ⁷ / ₁₆	1.12
1 1/4	UL FM	2 ⁵ / ₈	1.74
1 1/2	UL FM	2 ³ / ₄	2.08
2	UL FM	2 ¹⁵ / ₁₆	3.00

FIG. 554 - CLASS 250#			
Size	Agency	End-to-End	Black Weight
<i>in.</i>		<i>in.</i>	<i>lbs.</i>
1/4	UL FM	1 ¹³ / ₁₆	0.48
3/8	UL FM	1 ¹³ / ₁₆	0.42
1/2	UL FM	2 ¹ / ₁₆	0.64
3/4	UL FM	2 ¹ / ₄	1.00
1	UL FM	2 ⁹ / ₁₆	1.56
1 1/4	UL FM	2 ³ / ₄	2.30
1 1/2	UL FM	3	2.74
2	UL FM	3 ³ / ₈	4.34

FIG. 459 - CLASS 300#			
Size	Agency	End-to-End	Black Weight
<i>in.</i>		<i>in.</i>	<i>lbs.</i>
1/4	UL FM	1 ¹³ / ₁₆	0.48
3/8	UL FM	1 ¹³ / ₁₆	0.42
1/2	UL FM	2 ¹ / ₁₆	0.64
3/4	UL FM	2 ¹ / ₄	1.00
1	UL FM	2 ⁹ / ₁₆	1.56
1 1/4	UL FM	2 ³ / ₄	2.30
1 1/2	UL FM	3	2.74
2	UL FM	3 ³ / ₈	4.34

BUILDING CONNECTIONS THAT LAST

