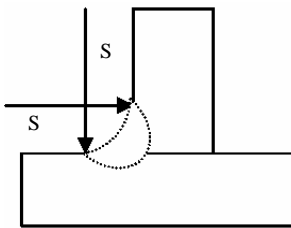




Quality Management System  
in accordance with  
**ISO 9001:2000**  
Cert # 05-R0925

## Horizontal Fillet Weld on Steel Feet per pound of alloy

U.S. ALLOY CO.  
dba Washington Alloy  
7010-G Reames Rd.  
Charlotte, NC 28216  
[www.weldingwire.com](http://www.weldingwire.com)



Size of fillet "S"	Stick Electrodes	Cored Wire	Solid wire
1/8"	<b>20.40816</b>	<b>29.41176</b>	<b>33.33333</b>
3/16"	<b>8.77193</b>	<b>12.65823</b>	<b>14.28571</b>
1/4"	<b>5.181347</b>	<b>7.518797</b>	<b>8.474576</b>
5/16"	<b>3.311258</b>	<b>4.807692</b>	<b>5.434783</b>
3/8"	<b>2.304147</b>	<b>3.355705</b>	<b>3.773585</b>
1/2"	<b>1.293661</b>	<b>1.883239</b>	<b>2.118644</b>
5/8"	<b>0.829876</b>	<b>1.206273</b>	<b>1.356852</b>
3/4"	<b>0.576037</b>	<b>0.837521</b>	<b>0.942507</b>
1"	<b>0.323939</b>	<b>0.471032</b>	<b>0.529101</b>

### Other Density Factors that may help (Feet divided by factor)

Deox Copper	1.14
Phos Bronze	1.13
Silicon Bronze	1.09
308, 309	1.01
316, 347	1.03
Titanium	0.75
1100 Aluminum	.346
4043 Aluminum	.343
5356 Aluminum	.339
Magnesium (AZ61A)	.231

These calculated averages are guidelines to help in estimating your approximate needs and cost the exact amount will depend on many factors

**EAST COAST**  
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Stafford, TX 77477  
Tel (877) 711-9274  
Fax (281)313-6332

**WEST COAST**  
8535 Utica Ave  
Rancho Cucamonga, CA 91730  
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Warehouse Distribution Center – Dayton, Ohio

Head Office – Puyallup, Washington

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