



**HSM Wire International, Inc**  
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## Mechanical Properties Stainless Steel 302 Alloy

<b>% CW</b>	<b>Y.S. (psi)</b>	<b>U.T.S. (psi)</b>	<b>% E (10" gauge length)</b>
<b>0</b>	49,000	106,000	48
<b>20</b>	125,000	147,000	9.8
<b>37</b>	169,000	189,000	3.2
<b>50</b>	196,000	220,000	2.6
<b>60</b>	222,000	244,000	2.2
<b>68</b>	243,000	273,000	2.1
<b>75</b>	251,000	289,000	2.4
<b>80</b>	282,000	309,000	2.2
<b>84</b>	295,000	327,000	2.2
<b>87</b>	300,000	332,000	2.3
<b>90</b>	319,000	345,000	2.2
<b>92</b>	322,000	371,000	2.5