



# INNER LOCK FLEX

**STRONG  
INDUSTRIAL  
DESIGN!**



**HIGHER  
HEAT  
RESISTANCE!**

## KNOW YOUR STAINLESS STEEL Ryerson Bulletin 99-8

GRADE	DESCRIPTION	Cr Chromium	Ni Nickel	HEAT RESISTANCE (Service In Air °F)		WELDABILITY
				Max Continuous	Max Intermittent	
201	Excellent toughness at low temperatures. Non-magnetic on the annealed condition but slightly magnetic after cold working.	16-18%	3.5-5.5%	1550 °F 843 °C	1400 °F 760 °C	Very Good
304	The basic 18 chrome 8 nickel stainless steel. The .08 max carbon content reduces intergranular corrosion usually associated with carbide precipitation that can occur during welding. It offers excellent resistance to a wide range of corrosives and atmospheric exposure.	18-20%	8-10.5%	1700 °F 926 °C	1600 °F 871 °C	Excellent
409	Originally designed for muffler stock and also used for exterior parts in non-critical corrosive applications. Economical and easily fabricated.	10.5-11.7%	0.5% Max	1300 °F 704 °C	1500 °F 815 °C	Good

***Call for pricing and availability  
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## AVAILABLE IN MANY SIZES

### BLANK

PART NUMBER	DESCRIPTION
1344ILB	1 3/4"ID X 4"OL Inner Lock Blank
1346ILB	1 3/4"ID X 6"OL Inner Lock Blank
1348ILB	1 3/4"ID X 8"OL Inner Lock Blank
2004ILB	2"ID X 4"OL Inner Lock Blank
2006ILB	2"ID X 6"OL Inner Lock Blank
2008ILB	2"ID X 8"OL Inner Lock Blank
2124ILB	2 1/2"ID X 4"OL Inner Lock Blank
2125ILB	2 1/2"ID X 5"OL Inner Lock Blank
2126ILB	2 1/2"ID X 6"OL Inner Lock Blank
2128ILB	2 1/2"ID X 8"OL Inner Lock Blank
2144ILB	2 1/4"ID X 4"OL Inner Lock Blank
2146ILB	2 1/4"ID X 6"OL Inner Lock Blank
2148ILB	2 1/4"ID X 8"OL Inner Lock Blank
21410ILB	2 1/4"ID X 10"OL Inner Lock Blank
3004ILB	3"ID X 4"OL Inner Lock Blank
3006ILB	3"ID X 6"OL Inner Lock Blank
30010ILB	3"ID X 10"OL Inner Lock Blank

### INNER LOCK



CONSTRUCTED  
ENTIRELY OF  
304 GRADE  
STAINLESS STEEL  
*SEE CHART FOR DETAILS*



### WITH NECKS

PART NUMBER	DESCRIPTION
1344ILN	1 3/4"ID X 4"(8"OL) Inner Lock w/ Necks
1346ILN	1 3/4"ID X 6"(10"OL) Inner Lock w/ Necks
1348ILN	1 3/4"ID X 8"(12"OL) Inner Lock w/ Necks
2004ILN	2"ID X 4"(8"OL) Inner Lock w/ Necks
2006ILN	2"ID X 6"(10"OL) Inner Lock w/ Necks
2008ILN	2"ID X 8"(12"OL) Inner Lock w/ Necks
2144ILN	2 1/4"ID X 4"(8"OL) Inner Lock w/ Necks
2146ILN	2 1/4"ID X 6"(10"OL) Inner Lock w/ Necks

### INNER WEAVE



ALUMINIZED NECKS  
AND REMAINING  
PROCESS IS  
201 GRADE  
STAINLESS STEEL

Necks add 4" to the FLEX LENGTH for OVERALL LENGTH  
Example: 1344ILN means that the FLEX LENGTH is 4" and the OVERALL LENGTH = 8"