



ISO 9001:2000 Certified Company

**PRECISION BRAND PRODUCTS, INC.**

2250 CURTISS STREET

DOWNERS GROVE, IL 60515 USA

PHONE: (630) 969-7200 FAX: (630) 969-0310

This is to certify that to the best of our knowledge and belief, all values shown below are correct and true and the material complies with the specifications shown.

### TOOL WRAP

	<b>309 ANNEALED STAINLESS</b>	<b>321 ANNEALED STAINLESS</b>
CARBON	.08 MAX.	08 MAX
SILICON	.75 MAX.	75 MAX
MANGANESE	2.00 MAX.	2.00 MAX
PHOSPHORUS	.045 MAX.	045 MAX
SULPHUR	.030 MAX.	030 MAX
CHROMIUM	22.0 – 24.0 MAX.	17.00 - 19.00 MAX
NICKEL	12.0 – 15.0 MAX.	9.00 - 12.00 MAX
TITANIUM		> 5 X (C+N) MAX .70
NITROGEN		.10 MAX
ULTIMATE TENSILE STRENGTH		75 KSI
YIELD STRENGTH		30 KSI
ELONGATION IN 2”		40%
ROCKWELL HARDNESS		95 B SCALE (MAX)

### **MEETS SPECIFICATIONS:**

#### **309**

AMS S-523 / ASTM A-240

ASME S A240

SAE 30309S / UNS S30908

#### **321**

AMS-5510

ASTM-A-240

ASTM-A-167