

# 17-7ph Stainless Steel - AMS 5528, AMS 5529, AMS 5644

## *Typical Applications*

Chemical processing equipment

Oil and Petroleum refining equipment

Food processing equipment



*17-7 is a precipitation hardenable stainless steel. It develops its strength and hardness through heat treating.*

This makes it well suited for applications that require good formability, high strength/hardness and minimum distortion upon heat treating. 17/7 stainless steel (UNS S17700) also provides benefits for other applications requiring high strength and good corrosion resistance, as well as excellent properties for flat springs at temperatures up to 315°C (600°F).

## **Related Products**

**15 5Ph Stainless Steel**

**17 4Ph**

**17 7Ph**

**431 - 1-4057 STAINLESS STEEL**

**A286 Bar**

**A286 Sheet**

**Aermet 100**

## Technical specification

### *Related Specifications*

AMS 5528

AMS 5529

Mil S 25043

UNS S17700

### *Specific Gravity*

7.81 g/cm<sup>3</sup>

### *Chemical Composition (WT %)*

	Min	Max
<b>C</b>	-	0.09
<b>Mn</b>	-	1.00
<b>P</b>	-	0.040
<b>S</b>	-	0.030
<b>Si</b>	-	1.00



40 Eden Way  
Chartwell Business Park  
Leighton Buzzard  
Bedfordshire  
LU7 4FY

T: +44 (0)1525 217 556

## **Conversion Centre**

Suite 2 Meadowhall Riverside  
Meadowhall Road  
Sheffield  
South Yorkshire  
S9 1BW

T: +44 (0)1143 030 320

## **Useful Links**

[Privacy Policy](#)

[Sitemap](#)

