

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/cm³

Chemical Composition (WT %)

	Min	Max
C	-	0.09
Mn	-	1.00
P	-	0.040
S	-	0.030
Si	-	1.00

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