

ACCIAIO INOSSIDABILE 17/7PH

17/7 è un acciaio inossidabile temprabile a precipitazione. Sviluppa la sua forza e durezza attraverso il trattamento termico. Questo lo rende adatto per applicazioni che richiedono una buona plasticità, alta resistenza / durezza e minima distorsione a trattamento termico. 17/7 fornisce inoltre vantaggi per altre applicazioni che richiedono tenuta elevata e buona resistenza alla corrosione, nonché eccellenti proprietà per molle piatte a temperature fino a 315 ° C (600 ° F).

Specific Gravity										
7.81 g/cm3										
Typical Applications						Related Specifications				
Chemical processing equipment						AMS 5528				
Oil and Petroleum refining equipment						AMS 5529				
Food processing equipment						Mil S 25043				
						UNS S17700				
Chemical Composition (Wt %)										
	C	Mn	P	S	Si	Ch	Ni	Al	Cr	Fe
Min	–	–	–	–	–	16.00	6.50	0.75	16	Bal
Max	0.09	1.00	0.04	0.03	1.00	18.00	7.75	1.50	18	–
Typical Mechanical Properties after Heat treatment (AMS 5528)										
					0.2% Proof Stress	Tensile Strength	Elongation	Hardness		
					MPA	MPA	%	HRC		
					Min	1035	1241	4	38	
					Max	–	1448	6	46	
* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change										

without notice.

General Enquiries

T: +44 (0) 1525 217 556 [_ \(tel:+4401525217556\)](tel:+4401525217556)

E: sales@dynamicmetalsltd.com [_ \(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



UK Address:

Head Office

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

T: +44 (0)1525 217 556 [_ \(tel:+441525217556\)](tel:+441525217556)

Conversion Centre

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

T: +44 (0)1143 030 320 [_ \(tel:+4401143030320\)](tel:+4401143030320)

Registered Office (only)

The Granary
Crowhill Farm Ravensden Road
Wilden
Bedfordshire
MK44 2QS

T: +44 (0)1525 217 556 [_ \(tel:+441525217556\)](tel:+441525217556)



[\(/media/zn2dbklo/cyber-essentials-certified-plus.png\)](#)



[\(/media/dyelbliq/cyber-essentials-certified.png\)](#)