

Penn Stainless Products, Inc. Stainless Steel Hex Bar Specifications

Penn Stainless Specification #									Page 1/1
F740-3 Rev A	303	304	304/304L	316/316L	321	Alloy 20	630	630 H1150	
ASTM A276/ASME A275		•	•	•	•				
ASTM A479/ASME A479		•	•	•	•				
QQ-S-764	•	•	•	•	•				
ASTM A182		•	•	•	•				
ASTM A370		•	•	•	•				
ASTM A193 B8M/ASME SA193 B8M		•	•	•	•				
ASTM A320 B8M/ASME SA320 B8M		•	•	•	•				
ASTM E112 Grain Size		•	•	•	•				
ASTM A564/ASME SA564							•	•	
ASTM B473/ASME SB473						•			
ASTM B472/ASME SB472						•			
ASTM A582	•								
ASTM A484	•				•			•	
AMS QQ-S-763/QQ-S-763 (current revision)		•	•	•	•				
AMS Spec	5640 Type 1	5639	5639/5647	5648/5653	5645		5643	5643/2303/2315	
UNS	S30300	S30400	S30400/S30403	S31600/S31603	S32100	N08020	S17400	S17400	
NASE MR0175		•	•	•	•				
ROHS Directive 2002/95/EC	•	•	•	•	•		•		
Tolerance- Length/Width/Flatness	According to ASTM A484- Aim for half of tolernace								
ASTM A262		E	E	E	E	B			
Marking: ASTM : Standard(s)- grade(s)- stamp(s) + heat and plate number	2 markings opposed diagonally on the material by low stress stamp.								
	All items must be in U.S. Customary Units All these elements indicated on packing list + quantity + number of packings								
Certificate according to EN 10204-3.1 with the year of EN10204 issue.	Where the spec rev/edition is not notes above, standard latest edition dates must be shown on certificates								
Heat Treatment of 300 Series Stainless	For 300 series stainless - Minimum Solution anneal Temperature and Quench Method.								
Heat Treatment of Alloy 20 Series Stainless	Solution Annealed temperature and Quench Method								
Heat Treatment of 630 Series Stainless	1900 F solution Treatment and cooled below 90 F								
Certification: ISO 9001	Country of Melt and Country of Manufacture								
	Inspector/ Quality person's name and title typed and signature or cert								
	Free from radioactive contamination/No Mercury Contamination/No Weld Repair								
	Fraud and Falsification statement must be on test report								
	Material must be supplied in unsensitized condition								
	Cobalt must be report on material cert.								
	Send test reports to certs@pennstainless.com								
	Compliance/Conformance Statement that material meets all requirements of purchase order and required specifications								
	Approved: <u> Dawn M Dertin </u> 3/1/2020								

