

**Penn Stainless Products, Inc. Stainless Steel Rolled Flat Bar**

Penn Stainless Specification #	F740- 12 Rev A									
Grade	303	304	304/304L	316/316L	321	ALLOY 20	630	630H1150		
ASTM A582/ASME SA582	•									
ASTM A484	•				•		•	•		
QQ-S-764	•									
ASTM A276/ASME SA276		•	•	•	•					
ASTM A 479/ASME SA479		•	•	•	•					
QQ-S-763		•	•	•	•					
AMS-QQ-S-763 CONDITION A		•	•	•	•					
ASTM B473/ASME SB473						•				
ASTM B472/ASME SB472						•				
ASTM B564/ASME SB564							•	•		
ASTM E112		•	•	•	•					
ROHS DIRECTIVE 200/95/EC	•	•	•	•		•	•	•		
UNS	S30300	S30400	S30400/S30403	S31600/S31603	S32100	N08020	S17400	S17400		
AMS Spec	5640	5639	5639/5647	5648/5653	5645		5643/2303/2315	5643 H-1100/2303/2315		
NACE MR 0103 & MR 0175		•	•	•	•	•				
Hardness test	According to ASTM A484									
Tolerance- Length/Width/Flattness	According to ASTM A 484- Aim for half of tolernace									
Corrosion Test: ASTM A262		•	•	•	•					
Marking: ASTM : grade(s)- stamp(s) + heat and plate number	MARK PER ASTM A484									
	All items must be in U . S. Customary Units									
	All these elements indicated on packing list + quantity + number of packings									
Confirmity to the Directive PED n° 97/23/EC	•	•	•	•	•	•	•	•		
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 treatment and quenching method indicated on certificates *Temperature & time of heat									
Certification: ISO 9001	Country of melt and manufacturer									
	Inspector/ Quality person's name and title typed and signature or cert									
	Free from radioactive contamination/No Mercury Contamination/No Weld Repair									
	H Grade: Carbon must meet .04 min, Grain size must show on MTR									
	Fraud and Falsification statement must be on test report									
	Material must be supplied in unsensitized condition									
	Cobalt must be report on material cert.									
Approved By:	<i>Dawn M Devlin</i>					3/1/2020				