

# BAR 304 12MM

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Heat No		Thick (Dia)	Pcs	Wt	Chemical Composition(wt%)											Mechanical Property							
		(mm)		(kg)	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N				TS	YS	EL	RA	HRB	HRC
Spec		Min			x100	x100	x100	x1000	x1000	x100	x100	x100	x100	x10000				N/mm2	N/mm2	%	%		
	Max				3	100	200	45	30	800	1800			1000				620	310	30	40		
ST203		12.00		1539	2.1	35	172	36	29.9	808	1822	14	49	800				750	560	46	70	99	

Total: 1539

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TOLERANCE:h9

LENGTH TOLERANCE:0-50

Acc.to ASTM A276 Cond.A

The hardness conform to the requirement of raw material on NACE MR0103 and MR0175-A2.

The chemistry conform to the requirement of raw material on NACE MR0103 and MR0175-D1.

This inspection certificate is issued according to EN 10204 2.2

Remark:

Melted manufactured :Taiwan , Improved machining.

Solution annealed treatment:Acc. to ASTM A484.

Micro structure:good., Grain size:Acc.to ASTM E112.

SUPPLY CONDITION:

A:Annealed  
B:Shot Blasted  
C:As Casted  
E:Reeled/Skin Pass  
H:Precipitation Hardening  
HR:Hot Rolled  
I:Straightened  
K:Cut Edge  
L:Polished  
M:Cold Rolled  
P:Pickled  
S:Shaved  
V:Slit  
W:Cut  
X:Temper  
CD:Cold Draw  
CG:Centerless Ground  
PL:Turned or Peeled

We have the following certification.

- 1.ISO9001:2015 Quality Management System
- 2.ISO/IEC 17025:2005 Laboratory Management System
- 3.PED & AD2000-Merkblatt W0
- 4.DNV · LR · ABS Classification Society certification
- 5.ISO14001:2015 Environment Management System
- 6.OHSAS 18001:2007 & TOSHMS Certificate

TEST METHOD :

CHEMICAL-ASTM E1806, E415, E1086, E1019

- 1.We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with requirement of the above material specification.
- 2.We certify that the material is free from mercury and radiation contamination. Qualification No. of Taiwan Atomic Energy Committee:136
- 3.The Above Testing Results Relate Only To The Items Tested.
- 4.No welding repaired

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