McMASTER-CARR®

Certificate

330-995-5500
330-995-9600 (fax)
cle.sales@mcmaster.com

Purchase Order	Order Date	Placed By	McMaster-Carr Number	Number of Certificates
P1567053	3/19/2026	Jonathan Wood	4495049-01	1

Line		Product	Ordered	Status	Certificate
2	96640A341	Black-Oxide 18-8 Stainless Steel Phillips Flat Head Screws, 100 Degree Countersink Angle, 6-32 Thread Size, 5/16" Long	1 pack	1 pack delivers March 20	321–0945

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

700-296-60

PO #443541
PART #0605MP1188B

Quality Inspection Sheet

Date: 2024/10/24

Customer:		Lot No: AV102406	Sampling: 10
PO# 4643/443541	BT24071088	Total Qty: 200,000	Lot Qty:
Part No:	Size: 6-32 X 5/16	Material: 304J3S	
Description:	PHIL 100° FLAT HD MACHINE SCREW FT 18-8 STST PASS BLACK OXIDE (5M/CTN), PART# 0605MP1188B (PASS ONLY)		

Inspection Item	Instrument	Standard(in)	Value(in)	Defect(pcs)	Remark
Surface Hardness:		-			
Core Hardness:		-			
Case Depth:		-			
Finish:		PASSIVATED			OK
Head diameter	Cal.	.235-.262	.243-.250		OK
Head height	V-Micro.	.060 REF.	.060-.061		OK
Recess diameter	Cal.	.148 REF.	.148-.149		OK
Recess P.G.Depth	PEN. Gage	.052-.075	.068-.069		OK
Protrusion height	Pro. 2.5D	.017-.028	.026-.027		OK
Head angle	Pro. 2.5D	99°-101°	99°-100°		OK
Major diameter	Cal.	.1312-.1372	.1365-.1370		OK
6-32 2A THRD.	GO Gage	GO	GO		OK
6-32 2A THRD.	NO GO Gage	NO GO	NO GO		OK
Length	Cal.	.2925-.3125	.3040-.3080		OK
Unthread length	Pro. 2.5D	.031 MAX.	.017-.018		OK
Appearance	Visual	free from burrs, slivers,splits,cracks, laps and defects			OK

Approve: Karen Liu

Inspector: Johnny Chen

ISO9001

燁興企業股份有限公司
YIEH HSING ENTERPRISE CO., LTD.

品 質 證 明 書
INSPECTION CERTIFICATE

820007 高雄市岡山區白米里寶米路 369 號
NO.369, Bao mi Rd., Baimi Village, Gangshan Dist., Kaohsiung City 820007, Taiwan, R.O.C.
TEL:(07)611-1111(10 Lines), FAX:(07)625-1280

客戶編號 Client No.	交運日期 Delivery Date
D11860 89737502	23/07/2024
證明書編號 Certificate No.	證明書日期 Issue Date
A1130723002	29/07/2024

品 名 Commodity: 不銹鋼熱軋固溶化酸洗線材 Stainless steel hot rolled, annealed, pickled wire rod

規 格 Specification: 304J3S

訂單編號 Order No.	線徑 Dia. (mm)	軋製序號 Roll. No.	爐號 Heat No.	數量 Qty	重量 Weight Net (kg)	重量 Weight Gross (kg)	Min Max	化學成分 (Chemical Composition) (%) C X10^2	Si X10^2	Mn X10^2	P X10^2	S X10^3	Ni X10^2	Cr X10^2	Mo X10^2	Cu X10^2	N ppm	機械性質(Mechanical Properties) 降伏 YS (N/mm^2)	抗拉 TS (N/mm^2)	伸長率 EL (%)	斷面縮率 RA (%)	硬度 Hard. (HV)	晶粒 Grain Size (#)
								8	100	200	45	30	800 1050	1700 1900		100 300						
D1SW53201	5.50	E70410	490481	22	37,342	37,364		2.4	29	161	31	2	891	1710	1	265	460		508	48	84	159	

以下空白 blank below

1. 茲證明本產品均依材料規格製造及測試，並符合規定之要求。
2. 本產品無輻射污染(鋼輻偵字第 204 號)。
3. 本報告不得局部複製。

1. We hereby certify that the material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.
2. The material is free from radiation contamination. Atomic Energy Council : No. 204
3. This report can not be partially copied.

備註 Remarks:
1. This material, stainless steel wire rod, CN code:722100, is made in Taiwan, no Russian stainless steel billet was used.

技 術 部 主 管
Manager of Technology Division

Chi - Chung Sun