McMASTER-CARR®

Certificate

562-692-5911
562-695-2323 (fax)
la.sales@mcmaster.com

Purchase Order	Order Date	Placed By	McMaster-Carr Number	Number of Certificates
PO26442266	11/4/2026	Christopher Berger	8256542-02	1

Line		Product	Ordered	Status	Certificate
2	97654A383	18-8 Stainless Steel Flanged Button Head Hex-Drive Screw, M8 x 1.25 mm Thread, 16 mm Long	3 packs	3 packs deliver November 5	398–4031

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

PO#QQQ215941 PN#31-MFB-8-16 STAR STAINLESS LOT ID#510736

PRECISION METAL SERVICES, INC

Precision Metal Services, Inc.
418 Stump Road, Montgomeryville, PA. 18936
Phone: (215)661-0225, 1-800-635-4885 Fax: (215)661-0366
Email: pms@precisionmetalservices.com
Website: www.precisionmetalservices.com

MATERIAL TEST REPORT

I045570

SOLD TO:
FALL RIVER MFG
540 CURRANT ROAD
FALL RIVER, MA 02720

SHIP TO:
FALL RIVER MFG CO, INC.
540 CURRANT ROAD
FALL RIVER, MA 02720

Heat Number	Product Description	Certificate No	Certificate Date
107268	SRC 302HQ 9% NI MIN .2950" x Coil, COATED	A1140828006	09/11/25

Sales Order	Salesperson	Customer PO	Contact	Country Of Origin
W030712	MP4/DCP	16580	DAVE MONTI	TAIWAN

Chemical Analysis (Weight %)

C	Mn	P	Si	S	Cr	Ni	Mo	Cu	Co	V	Ti
0.0190	0.6200	0.0310	0.3200	0.0010	17.5800	9.6400	0.1700	3.4900			

Cb	N	Pb	Al	Fe	Cb+	Mg	B	Zn	Sn	Bi	Se
	0.0130										

Mechanical Properties

Yield Strength	Tensile Strength	% EL	% RA	Hardness	Grain Size
27.0 KSI (186.16 MPA)	68.5 KSI (472.29 MPA)	50%	82%	HV 147	6.00

Other Tests / Remarks

MATERIAL FREE OF RADIAITON CN CODE 722100 NO RUSSIAN BILLET
USED EL TEST 3.937 IN ACC AASTM A493 AMS QQS763 ASTM A262
A580 A493 A555/580 CHEM ONLY CWHF 95 NO WELD MERCURY
RADIOACTIVE ELEMENTS BILLET SEMI FINISH 7218.99 MELT/CAST
TAIWAN HRAP GANGSHAN KAOHSIUNG TAIWAN EN 10204 3.1

Material Manufactured in Accordance with Order Requirements.

Quality Control Manager: _____
Michael J. Walter

Date: 01/20/26 11:40:45 HLR

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

品 質 證 明 書
INSPECTION CERTIFICATE

(PHYSICAL AND CHEMICAL CERTIFICATES) 036455

820007 高雄市岡山區白米里賓非路 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 Client	INVOICE NO.: HAWX711-4 PRECISION METAL SERVICES INC.	客戶編號 Client No.	交運日期 Delivery Date
住 址 Address	418 STUMP RD. MONTGOMERYVILLE, PA 18936	FA0095	28/08/2025
品 名 Commodity	Stainless steel hot rolled, annealed, pickled wire rod DESCRIPTION:AISI STAINLESS STEEL WIRE ROD, HOT ROLLED, ANNEALED AND PICKLED	證明書編號 Certificate No.	證明書日期 Issue Date
		A1I40828006	11/09/2025
規 格 Specification	302HQ		

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)		化學成分 (Chemical Composition) (%) C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N	機械性質(Mechanical Properties) 降伏 YS (N/mm²)	抗拉 TS (N/mm²)	伸長率 EL (%)	斷面縮率 RA (%)	硬度 Hard. (HV)	晶粒 Grain Size (#)
							Min						8.00	17.00		3.00								
							Max	0.030	1.00	2.00	0.045	0.030	10.00	19.00		4.00								
HAWX70810	7.50	F81022	107268	13	22,202	22,215		0.019	0.32	0.62	0.031	0.001	9.64	17.58	0.17	3.49	0.013	186	472	50	82	147	6
〃	〃	F81023	107268	2	2,872	2,874		0.019	0.32	0.62	0.031	0.001	9.64	17.58	0.17	3.49	0.018	189	480	52	80	150	6
HAWX70811	9.00	F7Z120	106933	2	3,409	3,411		0.018	0.36	0.40	0.031	0.001	9.67	17.39	0.18	3.50	0.011	215	466	54	82	145	5
								———— 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(輻輻偵字第 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 Russia stainless steel billet was used.
2.Gage length of elongation measurement:3.937inches. Above material meet the requirement of ASTM A493 & AMS QQS763
3.ASTM A262 PRACTICE E. ASTM A580 and ASTM A493 - chemistry only. ASTM A493 ASTM A262 ASTM A-556/580.
4.This inspection certificate is issued according to EN 10204 3.1. 107268:CWHF 95 106933:CWHF 96
5.We hereby certify that the material is no weld, does not insert Hg(mercury) during the production process and no other radioactive elements.
6.Billet(SEMI-FINISHED PRODUCT) HS Code: 7218.99
Product HS Code: 7221.00
Place of melting and casting: Taiwan, Facility: Yieh United Steel Corp.
Place of hot rolling, annealing and pickling: Gangshan (Kaohsiung), Taiwan, Facility: Yieh Hsing Enterprise Co., LTD.

Yieh Hsing Enterprise Co., Ltd Document Stamp Technology Division

技 術 部 主 管
Manager of Technology Division

Po-Chih Lee.

Certificate: 398–4031