# INVOICE



**HIGH TEMP METALS** SALES@HIGHTEMPMETALS.COM 12500 FOOTHILL BLVD. SYLMAR CA 91342-6038

PHONE: (818)362-5357

PAGE 1

INVOICE DATE 07/27/2019

INVOICE NO 00203536

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O SUPER MATERIALS ONE MEMBER CO L 201/15 LE VAN VIET STREET, D HIEP PHU WARD DISTRICT 9

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SUPER MATERIALS ONE MEMBER CO

201/15 LE VAN VIET STREET,

Ρ HIEP PHU WARD,

DISTRICT 9

Τ HO CHI MINH CIT VIETNAM

TOTAL DUE

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SLS 1	SLS 2	DUE	DATE	DIS	C DUE DA	TE	ORDER N	10 0	ORDER DA	TE SHIP DATE	SHIP NO
VAN		07/2	7/2019				00124752		07/12/201	9	
TERMS DESCRIPTION CUSTOM					P.O.NUM	BER	SHIP V				
ADVANCE	SM-HI	GHTE	MP/10071	9	TNT SERVICE (AIR)						
ITEM ID					UNIT OF MEASURE	Ol	RDERED S		HIPPED	UNIT PRICE	EXTENSION
L605(HS NO. OF P AMS 553 .385/.426 SHEAR TO HOT ROLI VIM ESR	CS: 1, TOT 7J, UNS-R3 5 x 6 x 48 OL. +.125/- LED, ANNE 60-5-1436	WGHT 30605 -0 ALED, [		00 D	LBS		40.000		40.000	55.93	2237.20
CUT Cutting Charge				EACH		1.000		1.000	200.00	200.00	
PKG Packaging	g Charge				EACH		1.000		1.000	40.00	40.00
										Subtotal :	2477.20
TAXABLE NONTAXABLE					FRE	IGHT	S	ALES	STAX N	IISC CHARGE	TOTAL
.00 2477.20 Amount Paid: 2477.20 Certs and MSDS with Packing List and Invoic						.00 t Du			.00	.00	2477.20



#### **HIGH TEMP METALS**

## **PACKING LIST**

SALES@HIGHTEMPMETALS.CON BATCH CODE 12500 FOOTHILL BLVD.
SYLMAR CA 91342–6038
PHONE: (818)362–5357

ORDER NUMBER	ORDER DATE	PAGE
00124752	07/12/2019	1
CUSTOM	ER P.O.NUMBER	
SM-HIG	HTEMP/100719	

S SUPER MATERIALS ONE MEMBER CO 201/15 LE VAN VIET STREET,

FAX: (818)362-9884

I HIEP PHU WARD, P DISTRICT 9

HO CHI MINH CIT VIETNAM

T O S SMOM00
O SUPER MATERIALS ONE MEMBER CO
L 201/15 LE VAN VIET STREET,

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SLS 1	SLS 2	LOCATIO	N	SHIP VIA	1	PACKING LIST NO.	REQUESTED SHIP DATE	ACTUAL SHIP DATE
VAN		1	TN	IT SERVICE	(AIR)		07/26/2019	07/27/2019
	ITEM ID		UNIT OF MEASURE	BIN	ORE	DERED	SHIPPED	BACK ORDER
001124752L605P0.375 L605(HS 25) NO. OF PCS: 1, TOT WGHT: AMS 5537J, UNS-R30605 .385/.426 x 6 x 48 SHEAR TOL. +.125/-0 HOT ROLLED, ANNEALED, D VIM ESR HEAT: 1860-5-1436 BUYR: Anh Bui						40.000	40.000	
002CUT Cuttir	002CUT Cutting Charge					1.000	1.000	
003 PKG Packaging Charge			EACH			1.000	1.000	



### HIGH TEMP METALS SALES@HIGHTEMPMETALS.COM 12500 FOOTHILL BLVD. SYLMAR CA 91342-6038

PHONE: (818)362-5357

### **CERTIFICATE OF COMPLIANCE**

We certify that this material conforms to the applicable specifications as shown on this purchase order.

Customer	SUPER MATERIALS ONE MEMBER CO				
Customer PO #	SM-HIGHTEMP/100719				
HTM Work Order #	00124752				
Quantity	40.000 LBS				
Weight	LBS				
Material Detail	L605(HS 25)				
	NO. OF PCS: 1, TOT WGHT: 40 LBS				
	AMS 5537J, UNS-R30605				
	.385/.426 x 6 x 48				
	SHEAR TOL. +.125/-0				
	HOT ROLLED, ANNEALED, DESCALED				
	VIM ESR				
	HEAT: 1860–5–1436				
,	BUYR: Anh Bui				

John Vulchev
QC Certifications Clerk

Date

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ろのな	nal enue 6902	gundi	1, AS9100					BUTT END *01										
COPY /504/2	Haynes International 1020 West Park Avenue PO Box 9013 Kokomo, Indiana, 46902	Product Description • Description Produit • Material Beshreibung 0.425) x 48 x 144 219 MM x 3657 MM	HAYNES(R) 25 ALLOY PLATE  Nadcap Materials Testing Accredited  GE# 19762, S400 21/72014, S1000 12/4/2013, EN 10204 3.1, AS9100				W	14.80		BUTT END *01								
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	<b>(2</b> )	48 x 144 1 x 3657	LOY PL esting A 4, S1000 1				ΙΙ		Ni+Co									
	NE	Product Descr (0.425) X (219 MIV	) 25 ALI erials To				Si	0.25	Al+Ti									
	HAYNES International	Product Description • Description Pro 0.395 (0.385/0.425) x 48 x 144 10.0 MM x 1219 MM x 3657 MM	HAYNES(R) 25 ALLOY PLATE Nadcap Materials Testing Accred GE# 19762, S400 21/12014, S1000 12/4/20	•		alyse	S	<0.002	Ca									
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		Ship To De HIGH 12500 I	SYLMAR CA 91342				Ç	20.50	Ľa									
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	Customer Reference Reference Client Kundenbestelldaten 8248						Cb+Ta (Nb+Ta)		Bi		th: Jessica							
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D	Date	Bestellaransch MP ME OTHIL	SO 8E09	cification • Sp	RR9000:S.		ਬ		Cb(Nb)		Certifie P Fechnician							
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Stress Rupture Temperature • Essai A Charge De Rupture Zeitstandversuch %RA %RA % Elong In % Allong EN % Dehnung Kokomo, Indiana, 46902 1020 West Park Avenue PO Box 9013 Hours Heures Stunden CUSTOMER COPY Stress Constrainte Spannung Test Essai Versuch International %RA %RA Tensile Test at Elevated Temperature • Essai De Traction A Hte.Temp.

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| Bei Raum Temp. | Selong in 38 % 49 % 88 % 67000 PSI 66000 PSI Sales Order No Reference Commande Bestellungs Nr 815713001-0 157000 PSI 151000 PSI

Junia H. Holt Certified By • Certifie Par • Bescheinigt Durch: Jessica Holt Certification Technician

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CERTIFICATION OF TESTS • RAPPORT D'ESSAIS CERTIFIE • WERKSZEUC	Customer Reference Reference Client Kyndenbestelldsten 8248	
CERTIFICATION	Date Entered Date De Commande Bestelldatum 07/20/15	
	Sales Order No Reference Commande Bestellungs Nr 815713001-0	

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CUSTOMER COPY

Haynes International 1020 West Parts Kokomo, Indiana, 46902 PO Box 9013

MELT METHOD: ELECTRIC FCE/AOD/ESR. NO WELD REPAIRS PERFORMED. ROHS COMPLIANT. COMPLIES WITH DFARS 252.225-7014 & 225.7002-3(1)(B) WR 2.4964 MATERIAL ONLY MEETS CHEMISTRY REQUIREMENTS PER NACE MRO 103 SECTION 3.1.1.1.1

All tests and inspections have been performed and results meet specification requirements. THIS MATERIAL IS FREE FROM MERCURY, CADMIUM, RADIUM, AND ALPHA SOURCE CONTAMINATION. THIS MATERIAL WAS MELTED AND MANUFACTURED IN THE UNITED STATES.

When microstructure analysis is performed, the etchant used is H2O2 and HCl. Samples were viewed at 100-500x magnification. Grain size evaluation is performed to the requirements of ASTM E112-96(2004)e2 Plate 1. Samples

are prepared per ASTM E3-01. The material has been evaluated for alloy depletion. No welding performed on this material. This material was melted and manufactured in the United States.

Stress rupture conformance is based on periodic tests (tenth heat) as described in paragraph 4.2.2. This material is capable of meeting the stress rupture requirements of AMS 5759.

This material conforms to all technical requirements of AMS 5759

Mill Orders Used: 2781571301 (2 PC)

A) 2150 °F to 2250 °F Mill To 2250 °F Method of Chemistry Analysis for Heat# 51436 BUTT END \*01: O.E. (P.Si); LECO (C.S); XARL LINFIT (Co,Cr,Fe,Mn,Ni,W);

Certified By • Certifie Par • Bescheinigt Durch: Jessica Holt Certification Technician Liemia H. Halt



Haynes International, Inc. 1020 West Park Avenue P.O. Box 9013 Kokomo, Indiana 46904-9013 Tel: 765-456-6000 FAX: 765-456-6905 www.haynesintl.com

November 28, 2017

Mr. John Vulchev High Temp Metals 12500 Foothill Blvd. Slymar, CA 91342-6038 USA

Dear John:

A new revision of AMS 5537 has been published which is now AMS5537™ Revision J. Any material that is certified by Haynes International, Inc. to AMS 5537 Revision H, also meets the requirements of AMS5537™ Revision J, with the possible exception of any marking which was done to Revision H.

Please let me know if you have any questions.

Sincerely,

**Leslie Labig** 

Senior Quality Engineer

Leslie K. Labig

cc: Larry Tuff Jose Rios Jeff Sipf