



AEROSPACE  
HI-SHEAR CORPORATION  
2600 SKYPARK DR  
TORRANCE, CA. 90509-2975  
(310)326-8110  
FAX:(310)784-4095

ORDER NO: 0050080242  
PACKING LIST NO: 591428  
DELIVERY NO: 10545123  
PAGE: 1 of 1  
DATE: 09/08/2015  
CUST PO NUMBER: G016302

## PACKING LIST

SOLD TO: 55169  
ADEPT FASTENERS  
28709 INDUSTRY DRIVE  
VALENCIA CA  
91355 USA

SHIP TO: 001  
ADEPT FASTENERS  
28709 INDUSTRY DRIVE  
VALENCIA CA  
91355 USA

SHIP VIA: CUST/156968

Packing ID: 597482

FOB:	TERMS: F05 % -	Days	-	Days	Net:	Days
TOTAL BOXES: 5	GROSS WT. 69.96 LBS	NET WT. 68.36 LBS				

PLEASE SHIP VIA FREIGHT COLLECT UPS# 7T778T - DO NOT INSURE  
\* SINGLE LOTS ONLY \* BOXES MUST NOT EXCEED 50LBS \* IF OVER  
150 LBS, PLEASE CONTACT BUYER FOR SHIPPING INSTRUCTIONS \*

PO LN #	ORD LN #	ITEM / ITEM NAME	UM	ORDER QUANTITY	QUANTITY DUE	SHIPPED QUANTITY	BACKORDER QUANTITY
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MFR'S C OF C, TEST REPORTS, RAW MATERIAL, PHYS/CHEM CERTS &  
DFAR 252.225.7009 RQRD \* REV 37 APPLIES \* PLEASE SHIP ASAP  
\* QTY TOLERANCE IS +/-0% \* LINE 1A.

1	1	5160454	PCE	50000		50000	0
						X 49944 total	
						Export Control: NO MILIT (see below)	
						* 510 PCS START	
						1. 3767 MPW JV 9-15-15	

CUSTOMER PART NO HST10AG5-2 CATALOG ITEM

BACB30VT5K2 Dual Cert To: BPS-F-67 LOT 8140915

LIST OF CROSS REFERENCES: B0206001AG5-2, BACB30VT5K2, HST10AG5-2

Total Boxes 5 Dimension 10.19 X 5.06 X 3.88 in. Gross wt. 69.96 LBS Net wt. 68.36 LBS Type of package CARDBOARD

Hi-Shear Fasteners are manufactured, inspected and tested in accordance with Federal Aviation Administration (FAA) Technical Standard Order (TSO) C148 and as such are excluded from the amended Fastener Quality Act P.L. 101-592.

Threads have been manufactured and inspected in accordance with the latest revision of AS8879 as modified by drawing and/or procurement specification. Seller hereby certifies that the raw materials used in the performance of this contract meet the chemical and physical requirements of applicable material and/or procurement specifications. Seller further certifies that dimensional, fluorescent penetrant or magnetic particle inspections have been performed as required by applicable drawings and/or specifications. Records of such inspections are on file and available for on-site examination.

Hi-Shear does hereby certify that these goods were produced in compliance with all applicable requirements of section 6, 7 and 12 of the Fair Labor Standard Act, as amended, and of regulations and orders of the U.S. Department of Labor issued under section 14 thereof.

Parts contained in this shipment are free from mercury and radioactive contamination.

Export Control Regulations:

NO MILIT: "These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited."

SHIPPED BY: OROZCO David

CHECKED BY: 

DATE: 09/08/2015

Our Terms and Conditions of Sales apply exclusively to this sales order and are available at <http://www.lisi-aerospace.com/attachment/tsw-2012.pdf>





LISI AEROSPACE HI-SHEAR CORPORATION  
2600 SKYPARK DRIVE  
TORRANCE  
CA 90509-2975

## CERTIFIED TEST REPORT

8

Certificate No 0000099311 Lot No 8140915

Date : 08-Sep-2015 Page :1(2)

### PREVENT FRAUD

This certificate must be reproduced in its entirety, not in part. Any alteration or misuse of this certificate, or any unauthorized rework or modification of HI-Shear products voids all warranties and may lead to civil damages and/or criminal penalties.

LISI AEROSPACE HI-Shear Corporation does certify that all parts and materials on this shipment, unless otherwise noted, conform to the requirements of applicable drawings, specifications and/or standards as set forth by the above referenced purchase order. All inspection records, physical and chemical test reports and special process certifications (if applicable) are on file at LISI AEROSPACE HI-Shear Corporation and are available for review and examination upon request.

### Customer Name & Address

ADEPT FASTENERS  
28709 INDUSTRY DRIVE  
CA 91355, VALENCIA

Item No	5160454	Drawing Standard	HST10	PO Number / Line	G016302 / 1
Part Number/REV	HST10AG5-2 37	Procurement Spéc	SPEC N°380 K	Customer PO Date	23-Mar-2015
Part Type	PIN	Qty Shipped	50000 PCE	Lisl Order Number/Line	0050080242 / 1
		Mfg Lot Size	63352 PCE	Delivery No	10545123
Customer	ADEPT FASTENERS	Mfg. Date	14-Jul-2015	Certificate No	0000099311
Customer Part	HST10AG5-2	Rev	37		
Customer Part 2		Rev 2			
Customer Part 3		Rev 3			
Customer Part 4		Rev 4			
Customer Part 5		Rev 5			

### Raw Material Composition

Item No	3R0079	Lot Number	1507076584
Part Number	W T164 34.11[0.162]	Heat Number	PVD3358
Description	TITANIUM,WIRE,6AL-4V,	Material Spec	NIS4967L
Supplier	THE PERRYMAN CO	Melt Source	EBCHR-VAR

### Alloy Verified Date:

07-Jul-2015

### Metallurgical Exam

Test ID	Spec. Min. Value	Spec. Max. Value	Results	Unit	Quantity
MICRO EXAM SAMPLE SIZE			15	N/A	21928
MICRO EXAM			ACCEPT	N/A	21928
THREADS SAMPLE SIZE			15	N/A	21928
THREADS			ACCEPT	N/A	21928
COATING/PLATING THICKNESS SAMPLE SIZE			15	N/A	21928
COATING/PLATING THICKNESS	0.0002	0.0005	.0003	ins	21928
COATING/PLATING THICKNESS	0.0002	0.0005	.0004	ins	21928
ADHESION SAMPLE SIZE			5	N/A	21928
ADHESION			ACCEPT	N/A	21928
BROACH SAMPLE SIZE			15	N/A	21928
BROACH			ACCEPT	N/A	21928



AEROSPACE HI-SHEAR CORPORATION  
2600 SKYPARK DRIVE  
TORRANCE  
CA 90509-2975

## CERTIFIED TEST REPORT

Certificate No 0000099311 Lot No 8140915

Date : 08-Sep-2015 Page :2(2)

HYDROGEN SAMPLE SIZE	1	N/A	21928
HYDROGEN	125	26	ppm 21928

Mechanical Tests			
Tested	Type / Material	Result	Quantity
TORSIONAL TEST SAMPLE SIZE		15	N/A 21928
TORSIONAL TEST		ACCEPT	N/A 21928
REQUIREMENT: 10 IN LBS MIN		TESTED BOTH DIRECTIONS CW & CCW	

Process Specification			
Process	Part / Material	Spec	Qty
HEAT TREAT PER:	AMSH81200	D	
FLUORESCENT PENETRANT INSPECT PER	ASTM E1417/E1417M	13	
ALUMINUM COATING PER:	SPEC N°294	N	
PAINT IDENTIFICATION PER:	HST10	COLOR ORANGE	37
CETYL ALCOHOL PER:	SPEC N°305	AA	

### Remarks

The parts contained in this shipment have been manufactured and inspected in accordance with TSO-C146, when TSO-C146 is applicable. The conditions and tests required for TSO approval are minimum performance standards set in this manufacture design. Aircraft fasteners approved under TSO are not necessarily interchangeable with other aircraft fasteners. Fasteners of similar dimensional properties may have widely varying performance and metallurgical properties. Substitution of parts may only be done if acceptable to or approved by the Administrator. Threads are manufactured and inspected in accordance with the latest revision of AS8879 and/or per applicable customer drawing.

Name and title

Authorized Signature

Date

KROY

05-Sep-2015

Raquel ROY, Quality Administrator



AEROSPACE HI-SHEAR CORPORATION  
2600 SKYPARK DRIVE  
TORRANCE  
CA 90509-2975

## CERTIFIED TEST REPORT

Certificate No 0000099311 Lot No 8140915

Date : 08-Sep-2015 Page :1(2)



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### Customer Name & Address

ADEPT FASTENERS  
28709 INDUSTRY DRIVE  
CA 91355, VALENCIA

Item No	5160454	Drawing Standard	HST10	PO Number / Line	G016302 / 1
Part Number/REV	HST10AG5-2 37	Procurement Specs	SPEC N°380 K	Customer PO Date	23-Mar-2015
Part Type	PIN	Qty Shipped	50000 PCE	Lisi Order Number/Line	0050080242 / 1
		Mfg Lot Size	83352 PCE	Delivery No	10545123
Customer	ADEPT FASTENERS	Mfg. Date	14-Jul-2015	Certificate No	0000099311
Customer Part	B0206001AG5-2	Rev	V		
Customer Part 2		Rev 2			
Customer Part 3		Rev 3			
Customer Part 4		Rev 4			
Customer Part 5		Rev 5			

### Raw Material Composition

Item No	3R0079	Lot Number	1507076584
Part Number	WT164 04.11[0.132]	Heat Number	PVD3358
Description	TITANIUM WIRE, 6AL-4V,	Material	6AL-4V
Supplier	THE PERRYMAN CO	Melt Source	EBCHR-VAR

### Alloy Verified Date:

07-Jul-2015

### Metallurgical Exam

Test ID	Spec. Description	Spec. Attributes	Quantity	Unit	Lot Number
MICRO EXAM SAMPLE SIZE			15	N/A	21928
MICRO EXAM			ACCEPT	N/A	21928
THREADS SAMPLE SIZE			15	N/A	21928
THREADS			ACCEPT	N/A	21928
COATING/PLATING THICKNESS SAMPLE SIZE			15	N/A	21928
COATING/PLATING THICKNESS	0.0002	0.0005	.0003	ins	21928
COATING/PLATING THICKNESS	0.0002	0.0005	.0004	ins	21928
ADHESION SAMPLE SIZE			5	N/A	21928
ADHESION			ACCEPT	N/A	21928
BROACH SAMPLE SIZE			15	N/A	21928
BROACH			ACCEPT	N/A	21928



ATROSPACE HI-SHEAR CORPORATION  
2800 SKYPARK DRIVE  
TORRANCE  
CA 90509-2975

## CERTIFIED TEST REPORT

Certificate No 0000099311

Lot No 8140915

Date : 08-Sep-2015 Page :2(2)

HYDROGEN SAMPLE SIZE	1	N/A	21928
HYDROGEN	125	28	ppm 21928

Mechanical Tests				
Test ID	Spec. Measurement	Spec. Min/Max	Result	Quantity
TORSIONAL TEST SAMPLE SIZE			15	N/A 21928
TORSIONAL TEST			ACCEPT	N/A 21928
REQUIREMENT: 10 IN LBS MIN		TESTED BOTH DIRECTIONS CW & CCW		

Process Specification			
Process	Per Specification	Spec	Result
HEAT TREAT PER:	AMSH81200		D
FLUORESCENT PENETRANT INSPECT PER	ASTM E1417/E1417M		13
ALUMINUM COATING PER:	SPEC N°284		N
PAINT IDENTIFICATION PER:	HST10	COLOR ORANGE	37
CETYL ALCOHOL PER:	SPEC N°305		AA

Remarks

The parts contained in this shipment have been manufactured and inspected in accordance with TSO-C148, when TSO-C148 is applicable. The conditions and tests required for TSO approval are minimum performance standards set in the manufacture design. Aircraft fasteners approved under TSO are not necessarily interchangeable with other aircraft fasteners. Fasteners of similar dimensional properties may have widely varying performance and metallurgical properties. Substitution of parts may only be done if acceptable to or approved by the Administrator. Threads are manufactured and inspected in accordance with the latest revision of AS8879 and/or per applicable customer drawing.

Name and title

Authorized Signature

Date

RROY

05-Sep-2015

Raquel ROY, Quality Administrator



AEROSPACE HI-SHEAR CORPORATION  
2600 SKYPARK DRIVE  
TORRANCE  
CA 90509-2975

## CERTIFIED TEST REPORT

Certificate No 0000099311 Lot No 8140915

Date : 08-Sep-2015 Page :1(2)

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### Customer Name & Address

ADEPT FASTENERS  
28709 INDUSTRY DRIVE  
CA 91355, VALENCIA

Item No	5180454	Drawing Standard	BACB30VT	PO Number / Line	G016302 / 1
Part Number/REV	BACB30VT5K2 AP	Procurement Spec	BPS-F-67 AR	Customer PO Date	23-Mar-2015
Part Type	PIN	Qty Shipped	50000 PCE	Lisi Order Number/Line	0050080242 / 1
		Mfg Lot Size	63352 PCE	Delivery No	10545123
Customer	ADEPT FASTENERS	Mfg. Date	14-Jul-2015	Certificate No	0000099311
Customer Part	BACB30VT5K2	Rev	AP		
Customer Part 2		Rev 2			
Customer Part 3		Rev 3			
Customer Part 4		Rev 4			
Customer Part 5		Rev 5			

### Raw Material Composition

Item No	3R0079	Lot Number	1507076584
Part Number	W T164 94.11[0.162]	Heat Number	PVD3358
Description	TITANIUM WIRE, 6AL-4V,	Material	34867L
Supplier	THE PERRYMAN CO	Matl Source	EBCHR-VAR

### Alloy Verified Date:

07-Jul-2015

### Metallurgical Exam

Test ID	Drawn	Specs	Results	U/L	Location
MICRO EXAM SAMPLE SIZE			15	N/A	21928
MICRO EXAM			ACCEPT	N/A	21928
THREADS SAMPLE SIZE			15	N/A	21928
THREADS			ACCEPT	N/A	21928
COATING/PLATING THICKNESS SAMPLE SIZE			15	N/A	21928
COATING/PLATING THICKNESS	0.0002	0.0005	.0003	ins	21928
COATING/PLATING THICKNESS	0.0002	0.0005	.0004	ins	21928
ADHESION SAMPLE SIZE			5	N/A	21928
ADHESION			ACCEPT	N/A	21928
BROACH SAMPLE SIZE			15	N/A	21928
BROACH			ACCEPT	N/A	21928



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2600 SKYPARK DRIVE  
TORRANCE  
CA 90509-2975

## CERTIFIED TEST REPORT

Certificate No 0000099311 Lot No 8140915

Date : 08-Sep-2015 Page :2(2)

HYDROGEN SAMPLE SIZE		1	N/A	21928
HYDROGEN	125	28	ppm	21928
PERMISSIBLE LAPS ON TOP OF HEAD-DEPTH	0.010	.000	ins	21928

Mechanical Tests				
Test ID	Test Description	Test Method	Result	Operator
TORSIONAL TEST SAMPLE SIZE		15	N/A	21928
TORSIONAL TEST		ACCEPT	N/A	21928
REQUIREMENTS: 10 INCH LBS. MIN.		TESTED BOTH DIRECTIONS CW & CCW.		

Process Specification			
Process	Process Description	Type	Value
HEAT TREAT PER:	AMSH81200		D
FLUORESCENT PENETRANT INSPECT PER	ASTM E1417/E1417M		13
ALUMINUM COATING PER:	BMS10-85	TY I CLA	T
PAINT IDENTIFICATION PER:	BACB30VT	COLOR ORANGE	AP
CETYL ALCOHOL PER:	AS87132	TY I GRADE B	R12

### Remarks

The parts contained in this shipment have been manufactured and inspected in accordance with TSO-C148, when TSO-C148 is applicable. The conditions and tests required for TSO approval are minimum performance standards set in the manufacture design. Aircraft fasteners approved under TSO are not necessarily interchangeable with other aircraft fasteners. Fasteners of similar dimensional properties may have widely varying performance and metallurgical properties. Substitution of parts may only be done if acceptable to or approved by the Administrator. Threads are manufactured and inspected in accordance with the latest revision of AS8879 and/or per applicable customer drawing.

Name and title

Authorized Signature

Date

RROY

Raquel ROY, Quality Administrator

05-Sep-2015

28709 Industry Drive, Valencia, Ca 91355  
TEL (661) 257-6600 \* FAX (661) 257-6625

# ADEPT

Fasteners


ACCT#: BEA983 <A>  
B KLX INC.  
I 10000 NW 15TH TERRANCE  
L  
L MIAMI, FL 33172-2756

S KLX AEROSPACE SOLUTIONS,  
H A DIVISION OF KLX INC.  
I 9835 NW 14TH STREET  
P MIAMI, FL 33172

SALES ORDER: EV647.1  P.O. NO.: 000FY28  
BUYER: JEREMY

PAGE: 1

DATE ORDERED 06-09-15	SALES LA045	SHIPPED VIA FEDEX GROUND	AIR FREIGHT ACCT # 0331-0149-0	F.O.B ORIG	TERMS N45	PRINT DATE 12-07-15
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ITEM	ORDERED	PART NO./DESCRIPTION/MFG./LOT NO.	SHIPPED	U/M
001A	25,000	HST10AG5-2 B0206001AG5-2 THIS ITEM IS COMPLIANT TO DFAR 252.225-7009	AD	25,000 EACH
	25,000	EACH CTL: G016302001 MFG: HI SHEAR TECHNOLOGY MFG LOT# 8140915 ! SPECIFIC MFG REQUIRED!  PARTIAL SHIPMENT ( 15 DAY WINDOW) *** Q06 ***		

Adept Cage Code: **1V0G6**

All claims for errors, shortages or damage must be made within 7 days of receipt. Returns must have a Return Authorization Number issued by Adept Fasteners affixed to the returned containers. Our liability is limited to replacing the material or refunding the invoice value of the material sold. Products in this shipment did not come into contact with mercury or mercury compounds while in the possession of Adept Fasteners.

**CERTIFICATE OF CONFORMANCE**

The manufacturer has represented products furnished in this shipment as conforming to applicable drawings and specifications. Required supporting evidence is available at Adept Fasteners or source of purchase upon request, subject to a fee.

Quality Manager

  
Robert E. Newkirk

Customer Copy



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**ADEPT FASTENERS**

**28709 Industry Drive**

**Valencia, CA 91355**

**Sales Order Line: EV647.001A**

**Adept Control Numb: G016302001**

**Mfg Lot No: 8140915**

**Customer: KLX AEROSPACE SOLUTIONS,**

**Customer PO#: 000FY28**

**Part Numb: HST10AG5-2**

**Message Line: B0206001AG5-2**

**Original Quantity Received: 49944**

**Quantity Shipped: 25000**

**Cert Code: AD**

**From Doc Record**

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P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR  
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


### Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

**FIRM: AJ WALTER AVIATION LTD**

**PURCHASE ORDER#: CP15535**

QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	Eff Date	EXP DATE
200	EA	B0206001AG5-2		8140915		

  
\_\_\_\_\_  
Jason Lewis  
Senior Director, Global Quality

02/01/16

Inv # 02/01/16