



PANTHER T & H INDUSTRY CO., LTD.

FLOOR 11-4, No. 186, SEC. 2, DONG SHIN ROAD,
TAICHUNG, TAIWAN, R.O.C.

E-mail : frances@ms8.hinet.net & pantheo@ms43.hinet.net

TEL: 886-4-24731513
24732092

FAX: 886-4-24726831
24736832
24711092

2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX OVAL HEAD CHIPBOARD SCREW, PARTIAL THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611231		
DIMENSION :	3.5 x 40/24 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.70 - 6.79
Recess Penetration Gaging Depth		1.40 - 1.60	1.43 - 1.51
Major Diameter		3.30 - 3.50	3.35 - 3.45
Length		38.75 - 40.00	38.88 - 39.52
Thread Length		24.00	23.41 - 24.76
Torsional Strength(kg-cm)		12.50 kg-cm MIN	18.25 - 18.66
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang



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ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611236			
DIMENSION :	3.5 x 30/18 T15			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		6.64 - 7.00	6.71 - 6.86	
Recess Penetration Gaging Depth		1.40 - 1.60	1.43 - 1.54	
Major Diameter		3.30 - 3.50	3.40 - 3.47	
Length		28.95 - 30.00	29.16 - 29.72	
Thread Length		18.00	17.45 - 18.21	
Torsional Strength(kg-cm)		12.50 kg-cm MIN	18.15 - 19.88	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX OVAL HEAD CHIPBOARD SCREW, PARTIAL THREADED PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611237			
DIMENSION :	3.5 x 35/21 T15			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		6.64 - 7.00	6.69 - 6.77	
Recess Penetration Gaging Depth		1.40 - 1.60	1.44 - 1.54	
Major Diameter		3.30 - 3.50	3.38 - 3.45	
Length		33.75 - 35.00	33.93 - 34.51	
Thread Length		21.00	20.39 - 21.60	
Torsional Strength(kg-cm)		12.50 kg-cm MIN	18.97 - 19.99	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX OVAL HEAD CHIPBOARD SCREW, PARTIAL THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611244		
DIMENSION :	4 x 35/21 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		7.64 - 8.00	7.72 - 7.80
Recess Penetration Gaging Depth		1.60 - 1.90	1.65 - 1.74
Major Diameter		3.70 - 4.00	3.81 - 3.95
Length		33.75 - 35.00	33.84 - 34.38
Thread Length		21.00	20.17 - 20.41
Torsional Strength(kg-cm)		20.00 kg-cm MIN	23.86 - 24.98
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX OVAL HEAD CHIPBOARD SCREW, PARTIAL THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611245		
DIMENSION :	4 x 40/24 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		7.64 - 8.00	7.70 - 7.79
Recess Penetration Gaging Depth		1.60 - 1.90	1.64 - 1.75
Major Diameter		3.70 - 4.00	3.90 - 3.97
Length		38.75 - 40.00	38.89 - 39.68
Thread Length		24.00	24.23 - 24.60
Torsional Strength(kg-cm)		20.00 kg-cm MIN	25.19 - 25.90
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX OVAL HEAD CHIPBOARD SCREW, PARTIAL THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611250		
DIMENSION :	4.5 x 40/24 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		8.64 - 9.00	8.66 - 8.83
Recess Penetration Gaging Depth		1.60 - 1.90	1.64 - 1.75
Major Diameter		4.25 - 4.50	4.31 - 4.43
Length		38.75 - 40.00	38.95 - 39.47
Thread Length		24.00	23.14 - 23.35
Torsional Strength(kg-cm)		26.00 kg-cm MIN	31.71 - 32.94
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
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CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611298		
DIMENSION :	3 x 25 T10		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		5.70 - 6.00	5.75 - 5.84
Recess Penetration Gaging Depth		1.30 - 1.50	1.33 - 1.44
Major Diameter		2.75 - 3.00	2.82 - 2.95
Length		23.95 - 25.00	24.33 - 24.59
Torsional Strength(kg-cm)		7.95 kg-cm MIN	13.05 - 13.97
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
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ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611299		
DIMENSION :	3 x 30/18 T10		
INSPECTION ITEM	STANDARD	ACTUAL	REMARK
Head Diameter	5.70 - 6.00	5.77 - 5.87	
Recess Penetration Gaging Depth	1.30 - 1.50	1.36 - 1.42	
Major Diameter	2.75 - 3.00	2.81 - 2.89	
Length	28.95 - 30.00	29.10 - 29.51	
Thread Length	18.00	17.26 - 17.93	
Torsional Strength(kg-cm)	7.95 kg-cm MIN	15.60 - 15.90	
Appearance	Passivated	ACCEPT	
JUDGE	ACCEPT		
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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611300		
DIMENSION :	3.5 x 16 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.66 - 6.78
Recess Penetration Gaging Depth		1.30 - 1.60	1.36 - 1.47
Major Diameter		3.20 - 3.50	3.28 - 3.43
Length		15.10 - 16.00	15.34 - 15.80
Torsional Strength(kg-cm)		12.50 kg-cm MIN	19.68 - 20.90
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
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CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611301		
DIMENSION :	3.5 x 20 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.70 - 6.81
Recess Penetration Gaging Depth		1.30 - 1.60	1.35 - 1.45
Major Diameter		3.20 - 3.50	3.31 - 3.42
Length		18.95 - 20.00	19.29 - 19.68
Torsional Strength(kg-cm)		12.50 kg-cm MIN	19.68 - 20.90
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
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ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611303		
DIMENSION :	3.5 x 30/18 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.68 - 6.79
Recess Penetration Gaging Depth		1.30 - 1.60	1.36 - 1.43
Major Diameter		3.20 - 3.50	3.34 - 3.47
Length		28.95 - 30.00	29.12 - 29.38
Thread Length		18.00	17.27 - 17.64
Torsional Strength(kg-cm)		12.50 kg-cm MIN	19.68 - 20.90
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
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ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611304			
DIMENSION :	3.5 x 35/21 T15			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		6.64 - 7.00	6.71 - 6.83	
Recess Penetration Gaging Depth		1.30 - 1.60	1.35 - 1.41	
Major Diameter		3.20 - 3.50	3.30 - 3.38	
Length		33.75 - 35.00	33.90 - 34.59	
Thread Length		21.00	20.18 - 20.52	
Torsional Strength(kg-cm)		12.50 kg-cm MIN	18.86 - 19.98	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611305		
DIMENSION :	3.5 x 40/24 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.74 - 6.85
Recess Penetration Gaging Depth		1.30 - 1.60	1.35 - 1.47
Major Diameter		3.20 - 3.50	3.34 - 3.46
Length		38.75 - 40.00	38.93 - 39.48
Thread Length		24.00	23.37 - 24.35
Torsional Strength(kg-cm)		12.50 kg-cm MIN	20.49 - 21.61
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, FULLY THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611306		
DIMENSION :	4 x 20 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		7.64 - 8.00	7.67 - 7.75
Recess Penetration Gaging Depth		1.60 - 1.90	1.66 - 1.74
Major Diameter		3.70 - 4.00	3.75 - 3.88
Length		18.95 - 20.00	19.16 - 19.43
Torsional Strength(kg-cm)		20.00 kg-cm MIN	26.10 - 26.92
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611308			
DIMENSION :	4 x 30/18 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		7.64 - 8.00	7.74 - 7.85	
Recess Penetration Gaging Depth		1.60 - 1.90	1.76 - 1.87	
Major Diameter		3.70 - 4.00	3.87 - 3.96	
Length		28.95 - 30.00	29.34 - 29.68	
Thread Length		18.00	18.10 - 18.52	
Torsional Strength(kg-cm)		20.00 kg-cm MIN	25.57 - 26.82	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611309		
DIMENSION :	4 x 35/21 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		7.64 - 8.00	7.70 - 7.82
Recess Penetration Gaging Depth		1.60 - 1.90	1.68 - 1.73
Major Diameter		3.70 - 4.00	3.80 - 3.88
Length		33.75 - 35.00	33.94 - 34.50
Thread Length		21.00	20.77 - 21.32
Torsional Strength(kg-cm)		20.00 kg-cm MIN	24.88 - 25.59
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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24732092

FAX: 886-4-24726831
24736832
24711092

2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611310			
DIMENSION :	4 x 40/24 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		7.64 - 8.00	7.89 - 7.97	
Recess Penetration Gaging Depth		1.60 - 1.90	1.68 - 1.79	
Major Diameter		3.70 - 4.00	3.93 - 3.97	
Length		38.75 - 40.00	38.94 - 39.27	
Thread Length		24.00	23.17 - 23.71	
Torsional Strength(kg-cm)		20.00 kg-cm MIN	24.98 - 25.80	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang



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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611311		
DIMENSION :	4 x 45/27 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		7.64 - 8.00	7.74 - 7.82
Recess Penetration Gaging Depth		1.60 - 1.90	1.68 - 1.77
Major Diameter		3.70 - 4.00	3.85 - 3.93
Length		43.75 - 45.00	44.02 - 44.38
Thread Length		27.00	26.44 - 27.40
Torsional Strength(kg-cm)		20.00 kg-cm MIN	25.49 - 26.00
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611312		
DIMENSION :	4 x 50/30 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		7.64 - 8.00	7.68 - 7.80
Recess Penetration Gaging Depth		1.60 - 1.90	1.75 - 1.85
Major Diameter		3.70 - 4.00	3.86 - 3.94
Length		48.75 - 50.00	48.85 - 49.26
Thread Length		30.00	29.68 - 30.29
Torsional Strength(kg-cm)		20.00 kg-cm MIN	25.08 - 27.94
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611313			
DIMENSION :	4 x 60/36 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		7.64 - 8.00	7.82 - 7.94	
Recess Penetration Gaging Depth		1.60 - 1.90	1.87 - 1.90	
Major Diameter		3.70 - 4.00	3.88 - 3.96	
Length		58.50 - 60.00	58.92 - 59.65	
Thread Length		36.00	36.68 - 37.38	
Torsional Strength(kg-cm)		20.00 kg-cm MIN	26.30 - 27.84	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611314			
DIMENSION :	4.5 x 30/18 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.71 - 8.79	
Recess Penetration Gaging Depth		1.60 - 1.90	1.70 - 1.85	
Major Diameter		4.20 - 4.50	4.34 - 4.46	
Length		28.95 - 30.00	29.17 - 29.52	
Thread Length		18.00	17.37 - 17.84	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	30.59 - 31.50	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611315			
DIMENSION :	4.5 x 35/21 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.68 - 8.82	
Recess Penetration Gaging Depth		1.60 - 1.90	1.67 - 1.84	
Major Diameter		4.20 - 4.50	4.36 - 4.45	
Length		33.75 - 35.00	33.90 - 34.31	
Thread Length		21.00	20.46 - 21.78	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	32.02 - 32.94	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611316			
DIMENSION :	4.5 x 40/24 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.69 - 8.86	
Recess Penetration Gaging Depth		1.60 - 1.90	1.70 - 1.81	
Major Diameter		4.20 - 4.50	4.40 - 4.45	
Length		38.75 - 40.00	39.43 - 39.77	
Thread Length		24.00	23.49 - 23.92	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	32.02 - 32.94	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611317			
DIMENSION :	4.5 x 45/27 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.90 - 8.98	
Recess Penetration Gaging Depth		1.60 - 1.90	1.68 - 1.83	
Major Diameter		4.20 - 4.50	4.30 - 4.41	
Length		43.75 - 45.00	44.22 - 44.64	
Thread Length		27.00	26.62 - 27.17	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	31.31 - 32.63	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611318		
DIMENSION :	4.5 x 50/30 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		8.64 - 9.00	8.74 - 8.89
Recess Penetration Gaging Depth		1.60 - 1.90	1.70 - 1.87
Major Diameter		4.20 - 4.50	4.36 - 4.45
Length		48.75 - 50.00	48.95 - 49.38
Thread Length		30.00	29.42 - 30.33
Torsional Strength(kg-cm)		26.00 kg-cm MIN	29.98 - 30.69
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611319			
DIMENSION :	4.5 x 60/36 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.66 - 8.75	
Recess Penetration Gaging Depth		1.60 - 1.90	1.68 - 1.79	
Major Diameter		4.20 - 4.50	4.42 - 4.48	
Length		58.50 - 60.00	58.97 - 59.44	
Thread Length		36.00	35.74 - 36.35	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	32.02 - 32.94	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611321			
DIMENSION :	5 x 35/21 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		9.64 - 10.00	9.70 - 9.81	
Recess Penetration Gaging Depth		1.90 - 2.20	2.08 - 2.16	
Major Diameter		4.70 - 5.00	4.78 - 4.84	
Length		33.75 - 35.00	34.20 - 34.70	
Thread Length		21.00	21.12 - 21.68	
Torsional Strength(kg-cm)		33.00 kg-cm MIN	39.46 - 39.97	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611322		
DIMENSION :	5 x 40/24 T25		
INSPECTION ITEM	STANDARD	ACTUAL	REMARK
Head Diameter	9.64 - 10.00	9.69 - 9.79	
Recess Penetration Gaging Depth	1.90 - 2.20	2.10 - 2.16	
Major Diameter	4.70 - 5.00	4.83 - 4.89	
Length	38.75 - 40.00	38.92 - 39.27	
Thread Length	24.00	23.10 - 23.33	
Torsional Strength(kg-cm)	33.00 kg-cm MIN	42.21 - 43.64	
Appearance	Passivated	ACCEPT	
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611323			
DIMENSION :	5 x 45/27 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		9.64 - 10.00	9.77 - 9.89	
Recess Penetration Gaging Depth		1.90 - 2.20	2.10 - 2.18	
Major Diameter		4.70 - 5.00	4.75 - 4.82	
Length		43.75 - 45.00	43.92 - 44.41	
Thread Length		27.00	26.45 - 26.80	
Torsional Strength(kg-cm)		33.00 kg-cm MIN	42.62 - 44.87	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611324		
DIMENSION :	5 x 50/30 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		9.64 - 10.00	9.73 - 9.85
Recess Penetration Gaging Depth		1.90 - 2.20	2.00 - 2.15
Major Diameter		4.70 - 5.00	4.76 - 4.84
Length		48.75 - 50.00	49.15 - 49.71
Thread Length		30.00	29.55 - 30.10
Torsional Strength(kg-cm)		33.00 kg-cm MIN	43.44 - 44.87
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611325		
DIMENSION :	5 x 60/36 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		9.64 - 10.00	9.71 - 9.88
Recess Penetration Gaging Depth		1.90 - 2.20	2.02 - 2.16
Major Diameter		4.70 - 5.00	4.76 - 4.84
Length		58.50 - 60.00	58.75 - 59.42
Thread Length		36.00	35.31 - 35.67
Torsional Strength(kg-cm)		33.00 kg-cm MIN	42.52 - 43.64
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611326		
DIMENSION :	5 x 70/42 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		9.64 - 10.00	9.68 - 9.79
Recess Penetration Gaging Depth		1.90 - 2.20	2.00 - 2.14
Major Diameter		4.70 - 5.00	4.82 - 4.95
Length		68.50 - 70.00	68.73 - 69.45
Thread Length		42.00	42.19 - 42.83
Torsional Strength(kg-cm)		33.00 kg-cm MIN	43.03 - 43.84
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang



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24732092

FAX: 886-4-24726831
24736832
24711092

2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611327		
DIMENSION :	5 x 80/48 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		9.64 - 10.00	9.70 - 9.81
Recess Penetration Gaging Depth		1.90 - 2.20	2.07 - 2.18
Major Diameter		4.70 - 5.00	4.78 - 4.95
Length		78.50 - 80.00	78.79 - 79.32
Thread Length		48.00	48.00 - 48.47
Torsional Strength(kg-cm)		33.00 kg-cm MIN	43.64 - 43.95
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611330		
DIMENSION :	6 x 70/42 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		11.57 - 12.00	11.67 - 11.83
Recess Penetration Gaging Depth		2.00 - 2.40	2.30 - 2.38
Major Diameter		5.70 - 6.00	5.88 - 5.93
Length		68.50 - 70.00	68.79 - 69.57
Thread Length		42.00	41.13 - 42.66
Torsional Strength(kg-cm)		60.00 kg-cm MIN	73.01 - 74.44
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611331		
DIMENSION :	6 x 80/48 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		11.57 - 12.00	11.76 - 11.86
Recess Penetration Gaging Depth		2.00 - 2.40	2.30 - 2.38
Major Diameter		5.70 - 6.00	5.74 - 5.83
Length		78.50 - 80.00	78.90 - 79.39
Thread Length		48.00	48.28 - 48.84
Torsional Strength(kg-cm)		60.00 kg-cm MIN	74.03 - 74.85
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611332			
DIMENSION :	6 x 90/54 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		11.57 - 12.00	11.63 - 11.84	
Recess Penetration Gaging Depth		2.00 - 2.40	2.28 - 2.38	
Major Diameter		5.70 - 6.00	5.86 - 5.95	
Length		88.50 - 90.00	88.75 - 89.49	
Thread Length		54.00	53.32 - 53.97	
Torsional Strength(kg-cm)		60.00 kg-cm MIN	74.54 - 76.27	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611333			
DIMENSION :	6 x 100/60 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		11.57 - 12.00	11.65 - 11.78	
Recess Penetration Gaging Depth		2.00 - 2.40	2.26 - 2.33	
Major Diameter		5.70 - 6.00	5.90 - 5.97	
Length		98.25 - 100.00	98.79 - 99.45	
Thread Length		60.00	59.50 - 59.87	
Torsional Strength(kg-cm)		60.00 kg-cm MIN	71.18 - 72.00	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611334			
DIMENSION :	6 x 120/70 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		11.57 - 12.00	11.63 - 11.87	
Recess Penetration Gaging Depth		2.00 - 2.40	2.30 - 2.38	
Major Diameter		5.70 - 6.00	5.85 - 5.93	
Length		118.25 - 120.00	119.43 - 119.83	
Thread Length		70.00	69.19 - 69.45	
Torsional Strength(kg-cm)		60.00 kg-cm MIN	73.52 - 74.44	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611338			
DIMENSION :	6 x 150/72 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		11.57 - 12.00	11.65 - 11.84	
Recess Penetration Gaging Depth		2.00 - 2.40	2.20 - 2.32	
Major Diameter		5.70 - 6.00	5.81 - 5.93	
Length		148.00 - 150.00	148.88 - 149.26	
Thread Length		72.00	71.25 - 71.84	
Torsional Strength(kg-cm)		60.00 kg-cm MIN	74.54 - 75.86	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611340		
DIMENSION :	5 x 90/54 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		9.64 - 10.00	9.70 - 9.90
Recess Penetration Gaging Depth		1.90 - 2.20	1.98 - 2.14
Major Diameter		4.70 - 5.00	4.75 - 4.87
Length		88.25 - 90.00	88.55 - 89.13
Thread Length		54.00	53.27 - 53.78
Torsional Strength(kg-cm)		33.00 kg-cm MIN	44.15 - 45.88
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611341		
DIMENSION :	5 x 100/60 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		9.64 - 10.00	9.73 - 9.87
Recess Penetration Gaging Depth		1.90 - 2.20	2.00 - 2.12
Major Diameter		4.70 - 5.00	4.79 - 4.91
Length		98.25 - 100.00	98.68 - 99.21
Thread Length		60.00	59.47 - 59.89
Torsional Strength(kg-cm)		33.00 kg-cm MIN	44.66 - 45.58
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, FULLY THREADED WITH 4 NIBS UNDER HEAD PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611344			
DIMENSION :	4.5 x 25 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.66 - 8.84	
Recess Penetration Gaging Depth		1.60 - 1.90	1.68 - 1.82	
Major Diameter		4.20 - 4.50	4.33 - 4.44	
Length		23.95 - 25.00	24.22 - 24.58	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	33.75 - 35.69	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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MILL TEST CERTIFICATE

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE FLAT HEAD CHIPBOARD SCREW, PARTIAL THREADED WITH 4 NIBS UNDER HEAD PASSIVATED		
ORDER NO :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611345		
DIMENSION :	4.5 x 70/42 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		8.64 - 9.00	8.71 - 8.80
Recess Penetration Gaging Depth		1.60 - 1.90	1.74 - 1.87
Major Diameter		4.20 - 4.50	4.39 - 4.45
Length		68.50 - 70.00	68.84 - 69.46
Thread Length		42.00	41.71 - 42.19
Torsional Strength(kg-cm)		26.00 kg-cm MIN	32.12 - 34.77
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611360		
DIMENSION :	3.5 x 16 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.70 - 6.84
Recess Penetration Gaging Depth		1.50 - 1.70	1.53 - 1.60
Major Diameter		3.20 - 3.50	3.29 - 3.35
Length		15.10 - 16.00	15.49 - 15.77
Head Height		2.46 - 2.70	2.50 - 2.61
Torsional Strength(kg-cm)		12.50 kg-cm MIN	18.05 - 18.46
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611362		
DIMENSION :	3.5 x 20 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.69 - 6.77
Recess Penetration Gaging Depth		1.50 - 1.70	1.55 - 1.64
Major Diameter		3.20 - 3.50	3.38 - 3.47
Length		18.95 - 20.00	19.25 - 19.59
Head Height		2.46 - 2.70	2.55 - 2.63
Torsional Strength(kg-cm)		12.50 kg-cm MIN	19.06 - 19.98
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611364		
DIMENSION :	3.5 x 25 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.70 - 6.85
Recess Penetration Gaging Depth		1.50 - 1.70	1.54 - 1.65
Major Diameter		3.20 - 3.50	3.27 - 3.38
Length		23.95 - 25.00	24.40 - 24.76
Head Height		2.46 - 2.70	2.57 - 2.66
Torsional Strength(kg-cm)		12.50 kg-cm MIN	17.94 - 18.96
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611365		
DIMENSION :	3.5 x 30 T15		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		6.64 - 7.00	6.76 - 6.92
Recess Penetration Gaging Depth		1.50 - 1.70	1.56 - 1.60
Major Diameter		3.20 - 3.50	3.41 - 3.48
Length		28.95 - 30.00	29.16 - 29.64
Head Height		2.46 - 2.70	2.52 - 2.61
Torsional Strength(kg-cm)		12.50 kg-cm MIN	18.45 - 18.96
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611366		
DIMENSION :	4 x 20 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		7.64 - 8.00	7.71 - 7.89
Recess Penetration Gaging Depth		1.80 - 2.10	1.91 - 2.03
Major Diameter		3.75 - 4.00	3.84 - 3.95
Length		18.95 - 20.00	19.12 - 19.64
Head Height		2.70 - 3.00	2.75 - 2.82
Torsional Strength(kg-cm)		20.00 kg-cm MIN	26.72 - 27.94
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang



PANTHER T & H INDUSTRY CO., LTD.

FLOOR 11-4, No. 186, SEC. 2, DONG SHIN ROAD,
TAICHUNG, TAIWAN, R.O.C.

E-mail : frances@ms8.hinet.net & pantheo@ms43.hinet.net

TEL: 886-4-24731513
24732092

FAX: 886-4-24726831
24736832
24711092

2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611374			
DIMENSION :	4.5 x 20 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.70 - 8.87	
Recess Penetration Gaging Depth		1.60 - 1.90	1.69 - 1.81	
Major Diameter		4.25 - 4.50	4.38 - 4.44	
Length		18.95 - 20.00	19.26 - 19.73	
Head Height		2.92 - 3.20	3.00 - 3.09	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	32.02 - 34.57	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG		INSPECTOR	JANEHUANG

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2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611375		
DIMENSION :	4.5 x 25 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		8.64 - 9.00	8.69 - 8.76
Recess Penetration Gaging Depth		1.60 - 1.90	1.70 - 1.85
Major Diameter		4.25 - 4.50	4.34 - 4.46
Length		23.95 - 25.00	24.31 - 24.80
Head Height		2.92 - 3.20	2.99 - 3.07
Torsional Strength(kg-cm)		26.00 kg-cm MIN	33.04 - 35.89
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611376		
DIMENSION :	4.5 x 30 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		8.64 - 9.00	8.67 - 8.81
Recess Penetration Gaging Depth		1.60 - 1.90	1.72 - 1.85
Major Diameter		4.25 - 4.50	4.33 - 4.46
Length		28.95 - 30.00	29.21 - 29.67
Head Height		2.92 - 3.20	3.07 - 3.14
Torsional Strength(kg-cm)		26.00 kg-cm MIN	31.00 - 31.92
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang



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MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611378		
DIMENSION :	4.5 x 40 T20		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		8.64 - 9.00	8.69 - 8.88
Recess Penetration Gaging Depth		1.60 - 1.90	1.71 - 1.83
Major Diameter		4.25 - 4.50	4.35 - 4.46
Length		38.75 - 40.00	38.87 - 39.39
Head Height		2.92 - 3.20	3.03 - 3.09
Torsional Strength(kg-cm)		26.00 kg-cm MIN	30.80 - 32.02
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

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Ted Yang



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2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611379			
DIMENSION :	4.5 x 50 T20			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		8.64 - 9.00	8.68 - 8.81	
Recess Penetration Gaging Depth		1.60 - 1.90	1.72 - 1.81	
Major Diameter		4.25 - 4.50	4.30 - 4.39	
Length		48.75 - 50.00	48.88 - 49.62	
Head Height		2.92 - 3.20	2.98 - 3.08	
Torsional Strength(kg-cm)		26.00 kg-cm MIN	32.02 - 32.83	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG		INSPECTOR	JANEHUANG

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang



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2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD		
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED		
ORDER NO. :	IP515185-1		
PI NO. :	PO-202410099		
INVOICE NO. :	IN-202504066		
HEAT NO. :	E66359		
PART NO. :	5611380		
DIMENSION :	5 x 30 T25		
INSPECTION ITEM		STANDARD	ACTUAL
Head Diameter		9.64 - 10.00	9.73 - 9.84
Recess Penetration Gaging Depth		1.90 - 2.30	2.16 - 2.24
Major Diameter		4.70 - 5.00	4.80 - 4.92
Length		28.95 - 30.00	29.37 - 29.72
Head Height		3.30 - 3.60	3.36 - 3.42
Torsional Strength(kg-cm)		33.00 kg-cm MIN	40.89 - 41.91
Appearance		Passivated	ACCEPT
JUDGE	ACCEPT		
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang



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2025/04/07

MILL TEST CERTIFICATE

CUSTOMER :	HUSASMIDJAN LTD			
DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611381			
DIMENSION :	5 x 40 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		9.64 - 10.00	9.76 - 9.89	
Recess Penetration Gaging Depth		1.90 - 2.30	2.00 - 2.20	
Major Diameter		4.70 - 5.00	4.83 - 4.96	
Length		38.75 - 40.00	39.34 - 39.87	
Head Height		3.30 - 3.60	3.37 - 3.48	
Torsional Strength(kg-cm)		33.00 kg-cm MIN	41.81 - 42.01	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG	INSPECTOR	JANEHUANG	

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Ted Yang



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MILL TEST CERTIFICATE

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DESCRIPTION :	A4 (316) STAINLESS STEEL TORX DOUBLE PAN HEAD (PAN HEAD) CHIPBOARD SCREW, FULLY THREADED PASSIVATED			
ORDER NO :	IP515185-1			
PI NO. :	PO-202410099			
INVOICE NO. :	IN-202504066			
HEAT NO. :	E66359			
PART NO. :	5611382			
DIMENSION :	5 x 50 T25			
INSPECTION ITEM		STANDARD	ACTUAL	REMARK
Head Diameter		9.64 - 10.00	9.72 - 9.79	
Recess Penetration Gaging Depth		1.90 - 2.30	1.98 - 2.16	
Major Diameter		4.70 - 5.00	4.77 - 4.86	
Length		48.75 - 50.00	48.96 - 49.21	
Head Height		3.30 - 3.60	3.39 - 3.44	
Torsional Strength(kg-cm)		33.00 kg-cm MIN	43.24 - 43.84	
Appearance		Passivated	ACCEPT	
JUDGE	ACCEPT			
Q. C. CHIEF	TED YANG		INSPECTOR	JANEHUANG

PANTHER T&H INDUSTRY CO., LTD.

Ted Yang

注 文 書

SHIPPER TONAN TRADING CO., LTD.

注文書附合番号

REFERENCE No. TEX -6879-0

契約番号

CONTRACT No. 3-890 F2-5-0-WN02-01

商品名

COMMODITY HOT ROLLED STAINLESS STEEL WIRE RODS

規格

SPECIFICATION AISI316C

-SI-PICKLE

品名 AISI316C

発行年月日 2023-11-23

顧客管理番号
CUSTOMER CONTROL No.

CO-WIN FASTENERS INDUSTRIAL
CUSTOMER VIETNAM JOINT STOCK COMPANY

鋼材検査証明

日鉄ステンレス株式会社
NIPPON STEEL Stainless Steel Corporation

本社 100-0005 東京都千代田区丸の内1丁目8番2号
HEAD OFFICE: 183 MARUNOUCHI, CHYODA-KU, TOKYO 100-0005, JAPAN
製造本部山口製造所: 〒743-8550 山口県光市大字島田3434番地
YAMAGUCHI WORKS PRODUCTION DIVISION: 743 SHIMADA, YAMAGUCHI, JAPAN

証明書番号 23-5-N-02371* 頁 01/01
CERTIFICATE No. DATE OF ISSUE

寸法 (基本値) Basic Size	鋼種 No. of Product	質量 Mass		製造番号 Cast No.	管理番号 Control No.		引張試験 Tensile Test		化学成分 Chemical Composition (%)									
		Net	Gross		Coil No.	Coil No.	Y.P. KGF/MM ²	TS KGF/MM ²	EL %	RA %	C	SI	MN	P	S	NI	CR	MO
8	1	854	857E66358		0001-0001	0001-0001	55				X	X	X	X	X	X	X	X
	1	850	853		0002-0002	0002-0002					X	X	X	X	X	X	X	X
	1	458	461		0003-0003	0003-0003					X	X	X	X	X	X	X	X
	1	583	586		0004-0004	0004-0004					X	X	X	X	X	X	X	X
	1	1,032	1,035		0005-0005	0005-0005					X	X	X	X	X	X	X	X
	1	1,049	1,052		0006-0006	0006-0006					X	X	X	X	X	X	X	X
	1	1,056	1,059		0007-0007	0007-0007					X	X	X	X	X	X	X	X
	1	1,056	1,059		0008-0008	0008-0008					X	X	X	X	X	X	X	X
	1	1,044	1,047		0009-0009	0009-0009					X	X	X	X	X	X	X	X
	1	1,053	1,056		0010-0010	0010-0010					X	X	X	X	X	X	X	X
	1	1,040	1,043		0011-0011	0011-0011					X	X	X	X	X	X	X	X
	1	1,045	1,048		0012-0012	0012-0012					X	X	X	X	X	X	X	X
	1	1,048	1,051		0013-0013	0013-0013					X	X	X	X	X	X	X	X
	1	1,043	1,046		0014-0014	0014-0014					X	X	X	X	X	X	X	X
	1	1,049	1,052		0015-0015	0015-0015					X	X	X	X	X	X	X	X
	1	1,048	1,051		0016-0016	0016-0016					X	X	X	X	X	X	X	X
	1	1,051	1,054		0017-0017	0017-0017					X	X	X	X	X	X	X	X
	1	1,051	1,054		0018-0018	0018-0018					X	X	X	X	X	X	X	X
TOTAL		18COILS, NET MASS= 17,317KG		GROSS MASS= 17,371KG		1COIL* 18BUNDLES												

備考 Remarks: ACCORDING TO EN 10204-2004 3.1

注釈 Notes

Q.L.: 検査項目
H.W.: テンション試験
H.V.: ビッカース硬度
HRA: ロックウェル硬度
HRC: 布氏硬度
C.S.: Cスケール

検査項目
Brinell Hardness (1/10)
Vickers Hardness
Rockwell Hardness A Scale
B Scale
C Scale

検査項目
FOS
MIS
MAS
D.F.
NMI
P

検査項目
オーステナイト結晶粒度
フェライト結晶粒度
ミクロ組織試験
マクロ組織試験
フェライト量
非金属夹杂物
製品分析

検査項目
Austenitic Grain Size Number
Ferritic Grain Size Number
Microscopic Examination
Macrostructure Examination
Delta Ferrite
Non Metallic Inclusion
Product Analysis

Surveyor To

上記注文品は御指定の規格または仕様に従って製造され、その要求事項を満足していることを証明します。

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

J. Shimizu

03

製造本部 山口製造所 品質管理課
品質保証課長 渡水 健児
TOKAIWORKS SHIMIZU
QUALITY MANAGEMENT DEPT.
YAMAGUCHI WORKS, PRODUCTION DIVISION

Declaration on Procurement Source

- No procurement of minerals or raw materials from Russian or Belarusian companies since 24th Feb. 2022

WALSIN LIHWA Corp. has not procured any minerals or raw materials from Russia/ Belarus and in our supply system, there has been no suppliers registered in Russia/ Belarus since Russia invaded Ukraine on 24th February 2022.

Once the current invasion of Ukraine ends, the suspension could be lifted accordingly.

Nelson Shieh

Nelson Shieh, 2023.10.02



陳永發