

TEST REPORTS

EN10204-3.1.B (DIN 50049-3.1.B)

Our Ref.: F117-1469

Customer: Sytek System srl

Batch No.: 1469-20100129

Project: Shipment Inspection on Din571

Order No.: F-SYTE1469

Your order NO.: 8

Description Of Goods:

HEXAGON HEAD WOOD SCREWS 10 X 150
ZINC PLATED CR6+

Size:

Shipping Marks:

ORDER NO.F-SYTE1469
DIN571
ZINC PLATED CR6+

Packing:

Small boxes

Acceptance Inspection:

According to EN ISO 3269 06/2000

Specifications:

Dimensions according to Din571
Mechanical properties according ISO898 part 1

P.O.	TEST ITEM		STANDARD (mm)	TEST VALUE (mm)	CONCLUSION
1	s	Width across flats	16.57-17.00	16.62-16.82	OK
2	k	Head height	6.55-7.45	6.94-7.12	OK
3	ds	Body Dia.	9.42-10.0	9.57-9.82	OK
4	d	Thread Major Dia.	9.30-10.0	9.42-9.85	OK
5	L	Length	148-152	148.50-150.48	OK
6	b	Thread Length	90 min	95.0-97.7	OK
7		Tensile strength	420MPa Min	483.6-502.7 Mpa	OK
8		Coating	Zinc Plated Cr6+	Zinc Plated Cr6+	OK
9		Surface discontinuities		OK	OK

CHEMICAL ANALYSIS CERTIFICATE OF THE RAW MATERIAL

STEEL : Q195

CHEMISTRY	C%	Si%	Mn%	P%	S%
Prescription	0.06-0.12	0.30MAX	0.25-0.50	0.045 max	0.050max
Test	0.11	0.12	0.39	0.011	0.006

Conclusion:

The goods we inspected reach the required specifications.

Chief Engineer
Charles Yan

Date of Inspection: MAR.25,2010

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Batch No.: 1469-20100129

Project: Shipment Inspection on Din571

Order No.: F-SYTE1469

Your order NO.: 8

Description Of Goods:

HEXAGON HEAD WOOD SCREWS 10 X 180
ZINC PLATED CR6+

Size:

Shipping Marks:

ORDER NO.F-SYTE1469
DIN571
ZINC PLATED CR6+

Packing:

Small boxes

Acceptance Inspection:

According to EN ISO 3269 06/2000

Specifications:

Dimensions according to Din571
Mechanical properties according ISO898 part 1

P.O.	TEST ITEM		STANDARD (mm)	TEST VALUE (mm)	CONCLUSION
1	s	Width across flats	16.57-17.00	16.66-16.81	OK
2	k	Head height	6.55-7.45	6.81-7.06	OK
3	ds	Body Dia.	9.42-10.0	9.44-9.76	OK
4	d	Thread Major Dia.	9.30-10.0	9.52-9.83	OK
5	L	Length	178-182	179.2-181.3	OK
6	b	Thread Length	108 min	110.2-112.8	OK
7		Tensile strength	420MPa Min	488-513 Mpa	OK
8		Coating	Zinc Plated Cr6+	Zinc Plated Cr6+	OK
9		Surface discontinuities		OK	OK

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Prescription	0.06-0.12	0.30MAX	0.25-0.50	0.045 max	0.050max
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Project: Shipment Inspection on Din571

Order No.: F-SYTE1469

Your order NO.: 8

Description Of Goods:

HEXAGON HEAD WOOD SCREWS 10 X 200
ZINC PLATED CR6+

Size:

Shipping Marks:

ORDER NO.F-SYTE1469
DIN571
ZINC PLATED CR6+

Packing:

Small boxes

Acceptance Inspection:

According to EN ISO 3269 06/2000

Specifications:

Dimensions according to Din571
Mechanical properties according ISO898 part 1

P.O.	TEST ITEM		STANDARD (mm)	TEST VALUE (mm)	CONCLUSION
1	s	Width across flats	16.57-17.00	16.65-16.84	OK
2	k	Head height	6.55-7.45	6.62-7.05	OK
3	ds	Body Dia.	9.42-10.0	9.43-9.69	OK
4	d	Thread Major Dia.	9.30-10.0	9.55-9.86	OK
5	L	Length	197.7-202.3	201.10-202.20	OK
6	b	Thread Length	120 min	127.50-129.0	OK
7		Tensile strength	420MPa Min	486.5-510.6 Mpa	OK
8		Coating	Zinc Plated Cr6+	Zinc Plated Cr6+	OK
9		Surface discontinuities		OK	OK

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Order No.: F-SYTE1469

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Description Of Goods:

HEXAGON HEAD WOOD SCREWS 12 X 180
ZINC PLATED CR6+

Size:

Shipping Marks:

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DIN571
ZINC PLATED CR6+

Packing:

Small boxes

Acceptance Inspection:

According to EN ISO 3269 06/2000

Specifications:

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P.O.	TEST ITEM		STANDARD (mm)	TEST VALUE (mm)	CONCLUSION
1	s	Width across flats	18.48-19.00	18.52-18.75	OK
2	k	Head height	7.55-8.45	7.62-7.93	OK
3	ds	Body Dia.	11.30-12.00	11.30-11.37	OK
4	d	Thread Major Dia.	11.30-12.00	11.43-11.72	OK
5	L	Length	178-182	178.1-179.3	OK
6	b	Thread Length	108 min	115.7-118.2	OK
7		Tensile strength	420MPa Min	491.3-520 Mpa	OK
8		Coating	Zinc Plated Cr6+	Zinc Plated Cr6+	OK
9		Surface discontinuities		OK	OK

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CHEMISTRY	C%	Si%	Mn%	P%	S%
Prescription	0.06-0.12	0.30MAX	0.25-0.50	0.045 max	0.050max
Test	0.10	0.13	0.41	0.017	0.013

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P.O.	TEST ITEM		STANDARD (mm)	TEST VALUE (mm)	CONCLUSION
1	s	Width across flats	18.48-19.00	18.55-18.88	OK
2	k	Head height	7.55-8.45	7.82-8.06	OK
3	ds	Body Dia.	11.30-12.00	11.30-11.38	OK
4	d	Thread Major Dia.	11.30-12.00	11.34-11.82	OK
5	L	Length	197.7-202.3	198.2-201.2	OK
6	b	Thread Length	120 min	128.06-131.3	OK
7		Tensile strength	420MPa Min	495-516 Mpa	OK
8		Coating	Zinc Plated Cr6+	Zinc Plated Cr6+	OK
9		Surface discontinuities		OK	OK

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