



## TEST REPORTS

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

**Our Ref.:** FTF-SYTE1562

**Project:** Shipment Inspection on Din571

**Customer:** Sytek System srl

**Order No.:** F-SYTE 1562 rev

**Batch No.:** 1562-20110222

**Your order NO.:** /

**Description Of Goods:**

DIN571 WOOD SCREWS , Mild steel  
ZINC PLATED CR6+

**Size:** 16 X 180

**Shipping Marks:**

ORDER NO.F-SYTE 1562  
DIN571  
ZINC PLATED Cr6+

**Packing:**

Small box packing with your label

**Acceptance Inspection:**

According to EN ISO 3269 06/2000

**Specifications:**

Dimensions according to Din571  
Mechanical properties according ISO898 part 1

P.O.	TEST ITEMS		SAMPLING PLAN		STANDARD (mm)	TEST VALUE (mm)	CONCLUSION
			AQL	n/Ac			
1	s	Width across flats	1.5	50/2	23.16-24.00	23.59-23.83	OK
2	k	Head height	2.5	32/2	9.55-10.45	9.82-10.05	OK
3	ds	Body Dia.	2.5	32/2	15.30-16.00	15.31-15.37	OK
4	d	Thread Major Dia.	2.5	32/2	15.30-16.00	15.45-15.73	OK
5	L	Length	2.5	32/2	178-182	179.1-179.85	OK
6	b	Thread Length	2.5	32/2	108 min	113-116	OK
7		Marking	1.5	50/2	SSM180	SSM180	OK
8		Tensile strength	1.5	3/0	420MPa Min	OK	OK
9		Coating	1.5	50/2	Zinc Plated Cr6+	Zinc Plated Cr6+	OK
10		Surface discontinuities	0.65	125/2		OK	OK

### CHEMICAL ANALYSIS CERTIFICATE OF THE RAW MATERIAL

**STEEL : Q195**

CHEMISTRY	C%	Si%	Mn%	P%	S%
<b>Prescription</b>	0.06-0.12	0.30MAX	0.25-0.50	0.045 max	0.050max
<b>Test</b>	0.09	0.15	0.4	0.018	0.020

**Conclusion:**

The goods we inspected reach the required specifications

**Chief Engineer:** Charles Yan

**Date of Inspection:** APR.28,2011