

# INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Let's connect

Customer: **PRETEC AS**

Purchasing order No: **EX2019311/207402**

Order Quantity: **20000pcs**

Part Name: **Spherical washer 150x5X40 with square hole**

Material: **Q460C**

Finishing: **Pc-Coat**

Article No: **5200004**

Drawing No: **PTC-035-13 of May.25.2016**

Marking: **CE**

No. 9, Jinchang Rd, Haining

Zhejiang Pro. - China

[www.chinapretec.com](http://www.chinapretec.com)

Certificate No: **23931**

Date: **2020-01-10**

Chemical composition analysis for material, ref certificate from mill: **321100501100**

Batch No.	39247652	C	Si	Mn	P	S
Requirements	Max	0.20	0.55	1.80	0.035	0.035
	Min					
Test Report		0.06	0.09	1.39	0.013	0.003

Mechanical property from the test report: **B2019101801**

Batch No.		Yield	Tensile	Elongation (EL)%
		Rp0.2(MPa)	Rm(MPa)	
Requirements	Min	460	550	17
	Max		720	
Test Report		495	573	31

Inspection of execution:

DIM.	Height	Outside dia	Hole dim	Square hole 11x11	Thickness	HDG Thickness	Epoxy Coating Thickness
Spec/mm	28±1	150±2.5	40±1.5	11 +0.5/+0.2	5±0.2	≥85um	≥70um
1	28.3	150.3	38.9	11.5	4.9	94	92
2	28.1	150.7	39.4	11.5	5.0	108	88
3	28.0	149.8	39.1	11.4	4.9	97	103
4	28.2	150.2	39.4	11.5	5.0	111	89
5	27.7	150.2	40.0	11.5	4.9	92	96

General appearance of washer:

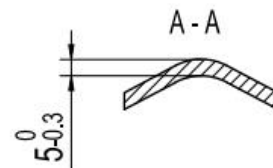
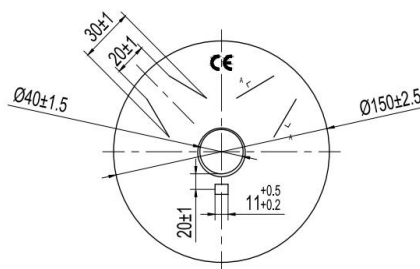
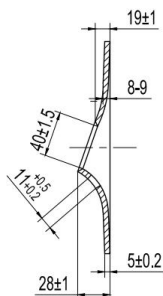
☒ approved

☐ not approved

Pc-Coat acc.to ISO 1461:2009/ Q/PTC-T19A:

☒ approved

☐ not approved



All the data on the above form is real and valid.

Conclusion:

☒ Yes

☐ No

3.1 Inspection certificate are subject to change without notice.

Works inspector: **Echo Xiang**

Checked by: **Jianbo Gu**

Date: **2020-01-10**

Zhejiang Pretec Metal Products Co., Ltd.

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