

# INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Customer: **PRETEC AS**

Purchasing order No: **TR2019324/208295**

Order Quantity: **1000pcs**

Part Name: **Washer ISO7089 HV200 M39**

Material: **Q235B**

Finishing: **HDG**

Article No: **1240015**

No. 9, Jinchang Rd, Haining  
Zhejiang Pro. - China  
[www.chinapretec.com](http://www.chinapretec.com)

Certificate No: **96546**  
Date: **2019-12-31**

## Chemical composition analysis for material, ref certificate from mill: 2017058

Batch No.	16E10235	C	Si	Mn	P	S
Requirements	Max	0.20	0.35	1.40	0.045	0.045
	Min					
Test Report		0.16	0.17	0.40	0.011	0.017

## Mechanical tests for material, ref certificate from mill: 2017058

Batch No.	16E10235 6	Yield Rp0.2(MPa)	Tensile Rm(MPa)	Elongatio (EL)%
Requirements	Min	235	370	26
	Max		500	
Test Report		335	485	30

## Inspection of execution:

DIM.	d1	d2	h	HV	Mean Thickness
Spec/mm	42-42.62	70.8-72	5.4-6.6	200	≥55um
1	42.29	71.3	6.3	ok	80
2	42.44	71.4	6.3	ok	93
3	42.37	71.3	6.2	ok	106
4	42.30	71.0	6.3	ok	81
	42.31	71.2	6.3	ok	100

General appearance:

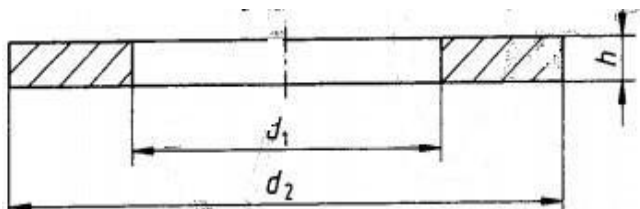
☒ approved

☐ not approved

HDG according to ISO 1461:

☒ 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: **2019-12-31**

Zhejiang Pretec Metal Products Co., Ltd.

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