

INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Customer: **PRETEC AS**

Purchasing order No: **TR2019321/207647**

Order Quantity: **60000pcs**

Part Name: **M16 Washer ISO 7089 HV300**

Material: **S235/Q235B**

Finishing: **HDG**

Article No: **1240033**

No. 9, Jinchang Rd, Haining
Zhejiang Pro. - China
www.chinapretec.com

Certificate No: **96561**

Date: **2019-12-31**

Chemical composition analysis for material, ref certificate from mill : **BGSYI1612190000219**

Batch No.	169789	C	Si	Mn	P	S
Requirements	Max	0.20	0.35	1.40	0.040	0.040
	Min					
Test Report		0.06	0.01	0.63	0.022	0.006

Mechanical tests for material, ref certificate from mill: **BGSYI1612190000219**

Batch No.	169789	Yield	Tensile	Elongation
		Rp0.2(MPa)	Rm(MPa)	(EL)%
Requirements	Min	235	370	26
	Max		500	
Test Report		235	385	27

Inspection of execution:

DIM.	d1	d2	h	HV	Mean HDG
					Thickness
Spec/mm	17-17.27	29.48-30	2.7-3.7	300	≥55um
1	17.02	29.87	2.9	ok	64
2	17.03	29.78	2.9	ok	91
3	17.01	29.91	2.9	ok	110
4	17.01	29.92	2.9	ok	92
5	17.00	29.67	2.8	ok	67

General appearance:

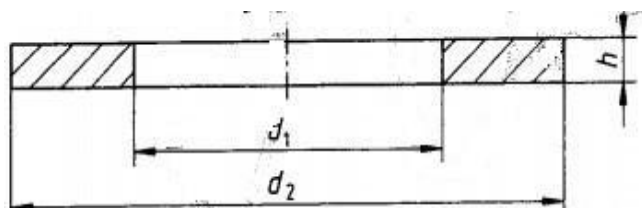
☒ approved

☐ 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**