

INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Let's connect

Customer: **PRETEC AS**

Purchasing order No: **TR2019329/208765**

Order Quantity: **10000pcs**

Part Name: **Washer DIN 436 M20/22**

Material: **Q235B**

Finishing: **HDG**

Article No: **1250010**

No. 9, Jinchang Rd, Haining

Zhejiang Pro. - China

www.chinapretec.com

Certificate No: **96557**

Date: **2020-01-02**

Chemical composition analysis for material, ref certificate from mill :30103

Batch No.	6953771	C	Si	Mn	P	S
Requirements	Max	0.20	0.35	1.40	0.040	0.040
	Min					
Test Report		0.16	0.20	0.46	0.018	0.020

Mechanical tests for material, ref certificate from mill:30103

Batch No.	6953771	Yield Rp0.2(MPa)	Tensile Rm(MPa)	Elongation (EL)%
Requirements	Min	235	370	25
	Max		500	
Test Report		325	440	38

Inspection of execution:

DIM.	d1	a	h	Mean HDG
				Thickness
Spec/mm	22-22.84	58.1-60	4.0-6.0	≥55um
1	22.50	58.8	4.4	77
2	22.67	59.0	4.5	66
3	22.41	58.5	4.5	98
4	22.50	58.6	4.6	71
5	22.47	58.6	4.7	63

General appearance:

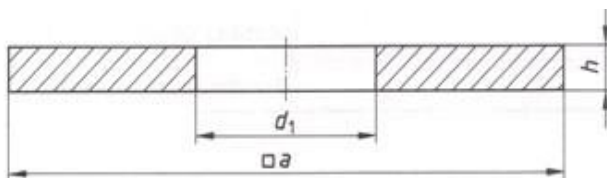
☒ approved

☐ not approved

HDG according to ISO 1461/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: **2020-01-02**

Zhejiang Pretec Metal Products Co., Ltd.

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