

济南玫德铸造有限公司



JINAN MEIDE CASTING CO., LTD.

中国济南市平阴县城南门路3号

No. 3 Nanmen Road, Pingyin, Jinan, China

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CUSTOMER _____ : AS Onninen

Date: Jul.14 2015

QUALITY CERTIFICATE

(Accordance with BS EN 10241)

Product _____ : Nipples Parts

Supplier Name & Trade Mark : Jinan Meide, "Mech"

Order No _____ : **4500245786**

Type of Nipples _____ : DIN 10241

Material _____ : Carbon Steel S235JR2G

Threads _____ : In accordance with ISO 7-1

Chemical Analysis _____ : C: <0.25% Si: < 0.02% Mn: <0.95%
S: <<0.05% P%: <0.05%

Tensile Strength _____ : $\geq 330\text{MPa}$

Elongation _____ : >22%

Dimension Tolerance _____ :

Dimension A: Length (mm)	A ≤ 25	25 < A ≤ 40	40 < A ≤ 65	65 < A ≤ 75	75 < A ≤ 150	150 < A
Tolerance (mm)	1.5-0	3.0-0	4.5-0	6.0-0	8.0-0	10.0-0

Nominal Size		O.D (BEHIND EXTERNAL THREAD) mm		PIPE THICKNESS MM	Min Thickness (No limit in plus)	Tolerance of Thread Length mm
DN	IN	min	max			
6	1/8	9.8	10.6	2	1.750	(+/-0.907)
8	1/4	13.2	14	2.3	2.013	(+/-1.34)
10	3/8	16.7	17.5	2.3	2.013	(+/-1.34)
15	1/2	21	21.8	2.6	2.275	(+/-1.81)
20	3/4	26.5	27.3	2.6	2.275	(+/-1.81)
25	1	33.3	34.2	3.2	2.800	(+/-2.309)
32	1 1/4	42	42.9	3.2	2.800	(+/-2.309)
40	1 1/2	47.9	48.8	3.2	2.800	(+/-2.309)
50	2	59.7	60.8	3.6	3.150	(+/-2.309)
65	2 1/2	75.3	76.6	3.6	3.150	(+/-2.309)
80	3	88	89.5	4	3.500	(+/-2.309)
100	4	113.1	115	4.5	3.938	(+/-2.309)
125	5	138.5	140.8	5	4.375	(+/-2.309)
150	6	163.9	166.5	5	4.375	(+/-2.309)

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Zinc Coating : Thickness of zinc coating amount 70 μ m. Chemical constitution of Zinc coating meet the requirements of EN 10242.

Marking : The parts are marked according to customer requirements on labels.

Visual Inspection : The parts are controlled visually 100%.

NOTE : We have the following quality system and product certificate.

-ISO-9001:2008

-ISO-14001:2004

Jinan Meide Casting Co., Ltd

Authorized Signature