

Pos.	Merkmal Characteristic	Sollwert Dimension & toler.	Istwert (Lieferant) Result Supplier			CP	CPK
			Max.	Min.	Average		
1	length	10.00 ^{+0.05} -0.05	10.03	9.96	10.00	1.23	1.16
2	width	6.00 ^{+0.05} -0.05	6.02	5.96	6.00	1.37	1.37
3	thickness	2.00 ^{+0.05} -0.05	2.03	1.97	2.00	1.39	1.39
4	outer dia	/					
5	inner dia	/					
6	◎	/					
7	⊥	90 ± 0.5°	90.4°	90.1°	90.33°		
8	//	0.05	0.04	0.01	0.027		
9							

Sample No.	Length millimeters	Width millimeters	Thickness millimeters	outer diameter millimeters	inner diameter millimeters				
1	10.00	6.01	2.00						
2	10.03	6.02	2.03						
3	9.97	6.02	1.98						
4	10.01	5.99	2.01						
5	9.99	6.00	1.99						
6	10.00	5.99	2.00						
7	10.00	5.99	2.00	/	/	/	/	/	
8	9.99	5.98	1.99	/	/	/	/	/	
9	10.02	6.01	2.03	/	/	/	/	/	
10	10.00	6.00	1.99						
11	10.00	6.01	1.99						
12	9.98	6.00	1.98						
13	9.96	5.96	1.97						
14	9.99	6.00	2.00						
15	10.01	6.00	2.01						

II/C=0

Nr. No.	Charakteristik Characteristics	Toleranz Tolerances	Zeitpunkt der Kontrolle Phase	Prüfbedingungen Frequency	Auswahlverfahren Modality	Prüfverfahren Method	Dokumentation Recording	Reaktion bei Fehler Reaction if out of control
1	LENGTH 10	+0.05 -0.05	P.F.S	II C=0	System- atically	Calipers	Paper/ date	Reject
2	WIDTH 6	+0.05 -0.05	P.F.S	II C=0	System- atically	Calipers	Paper/ date	Reject
3	THICKNESS 2	+0.05 -0.05	P.F.S	II C=0	System- atically	Calipers	Paper/ date	Reject
4	⊥ 90±0.5°		P.F.	II C=0	System- atically	Micro- meter	Paper/ date	Reject
5	// 0.05		P.F.	II C=0	System- atically	Micro- meter	Paper/ date	Reject
6	◎ /		P.F.	II C=0	System- atically	Micro- meter	Paper/ date	Reject
7	Appearance	Visual	P.F.	100%	System- atically	Visual	Paper/ date	Reject
8	Br(mT)	1257~ 1245	I.P.F.	Sampling	Randomly		Curve	Reject
9	iHc(KA/m)	1668~ 1646	I.P.F.	Sampling	Randomly	Perma- graph		Reject
10	(BH)max (KJ/m ³)	304~ 298	I.P.F.	Sampling	Randomly			Reject
11	Gauss(Gs)	/	I.P.F.	/	System- atically	Gauss- meter	Paper/ date	Reject

I = RAWMATERIAL INCOMING CONTROL
F = FINAL PRODUCTION CONTROL

P = PROCESS CONTROL
S = STATISTICAL CONTROL



Customer

Sample 10x6x2

Date 02.01.2005

Inspector Yehong Wu

Remarks

Material N393M

Br 125.1 mT

H₉₀ 9.68 kA/m

H₁₀ 16.58 kA/m

(BH)_{max} 302 kJ/m³

T_{max}

H [kA/m]

H [kOe]

-1600

-1200

-800

-400

-20

15

-10

-5 field intensity

Nn=0.66

0.5

0.33

B × H_{max} [kJ/m³]

320
300
280
260
240
220
200
180
160
140
120
100
80
60

B=0

J [T]

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

polarization