

铁壳 MATEL CASE

碳钢 CARBON STEEL



SO GIANT OIL SEAL INDUSTRIAL CO., LTD.

6, INDUSTRIAL EAST RD.,
NANTOU CITY,
54012 TAIWAN

TEL. 886-49-2255067

FAX. 886-49-2255407

INSPECTION SPECIFICATION

File no. :

Date: JUL.05, 2017

Specification for Material							Specification for Inspection							Dimension Inspection									
JIS G3141 SPCC-SD. OILED. (CQ2. UE) R-35							CSC MILL INSPECTION																
Item NO	Label NO	Material Description					Heat no	Colil no	Smple id	*01 G.L=			*05 RB	Chemical Composition Analysis%									
		Thick mm	Width mm	Length mm	Q'ty	Miss kgs				Y.S	T.S	EL		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
												%											
001	F719432	0.500	1219	COIL	1	9.275	EU388	1219654	1219654	177	212	45	40	2 X10	2 x10	3 x10	2 X10				3 X10		
002	F311599	0.600	1219	COIL	1	8.990	SAU48	1227494	1227494	163	300	47	38	3	11	15	5	1					45
003	F720574	0.800	1219	COIL	1	9.565	EU253	1228403	1228403	152	299	50	36	3	14	8	3	Tr					32
004	F310514	1.000	1219	COIL	1	9.700	EU590	1218019	1218019	167	317	47	42	4	10	14	4	1					42
005	F311623	1.200	1219	COIL	1	7.840	EU391	12240272	12240272	177	307	48	44	4	20	15	6	1					45
006	F311454	1.500	1219	COIL	1	10.515	6GV37	5914378	5914378	155	301	50	41	3	12	13	2	1					45
NOTES	*05 HARDNESS TEST																						
														3	17	15	2	1					31

NOTES *05 HARDNESS TEST

We hereby certify that the material described
herein has been made in accordance with the
above specification.

So Giant Oil Seal Industrial Co., Ltd.

George Tsai

铁壳 MATEL CASE

不锈钢 304



SO GIANT OIL SEAL INDUSTRIAL CO., LTD.

6, INDUSTRIAL EAST RD.,
NANTOU CITY,
54012 TAIWAN

TEL. 886-49-2255067

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INSPECTION SPECIFICATION

File no. : MCS002

Date: Apr.01, 2009

Specification for Material							Specification for Inspection					Dimension Inspection			
TYPE 304 STAINLESS STEEL COILS COIL NO. H5161							CNS 9265								
Chemical Composition %											Mechanical Test				
C	Si	Mn	P	S	Ni	Cr	Mo				Yield Str. N/mm ²	Tensile Str. N/mm ²	Elongation %	Hardness HRB	
0.040	0.540	1.500	0.028	0.004	8.130	18.090					295	636	62.8	82.3	

We hereby certify that the material described
herein has been made in accordance with the
above specification.

So Giant Oil Seal Industrial Co., Ltd.
JAMES LAI

铁壳 MATEL CASE

不锈钢 316



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NANTOU CITY,
54012 TAIWAN

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METAL CASE SPECIFICATION

File NO. MCS003

Date: Apr. 01, 2009.

Specification for Material						Specification for Inspection					Dimension Inspection		
ILVA 316 STAINLESS STEEL COILS						ILVA							
Chemical Composition % Max										Mechanical Properties			
C	Mn	Si	P	S	Ni	Cr	Mo	Ti	Cu		Yield Str.	Tensile Str.	Elongation
0.042	0.99	0.60	0.04	0.002	10.58	17.31	2.06	--	0.24				

We hereby certify that the material described
herein has been made in accordance with the
above specification.

So Giant Oil Seal Industrial Co., Ltd.
JAMES LAI

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弹簧 SPRING

碳钢 CARBON STEEL

MILL TEST CERTIFICATE

Messrs:

Date: Sep. 29, 2016

File NO.

Specification for Material			Specification for Inspection			Dimension Inspection	
carbon steel			JIS G3521			0.35 m/m	
Chemical Component %						Mechanical Properties	
C 100%	Si 100%	Mn 100%	P 100%	S 100%	—	Tensile Strength (Kg/mm ²)	Elongation %
0.74	0.22	0.51	0.013	0.006	—	235	

We hereby certify that the material described
herein has been made in accordance with the
above specification.

So Giant Oil Seal Industrial Co., Ltd.

JAMES LAI

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弹簧 SPRING

不锈钢 304

MILL TEST CETIFICATE

Messrs:

Date:Aug 10, 2016

File NO. DM21660140

Specification for Material						Specification for Inspection				Dimension Inspection	
Stainless Steel Wire AISI 304						JIS G4314				0.35 m/m	
Chemical Component %										Mechanical Properties	
C	Si	Mn	P	S	Ni	Cr	Cu	Mo	N	Tensile Strength (N/mm ²)	Cast. Helix
0.08	0.41	1.11	0.033	0.001	8.03	18.05	0.23	0.07	0.049	2129~2140	Good

We hereby certify that the material described herein has been made in accordance with the above specification.

So Giant Oil Seal Industrial Co., Ltd.

JAMES LAI

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弹簧 SPRING

不锈钢 316

METAL CASE SPECIFICATION

Messrs:

Date: Oct.31, 2016.

Specification for Material					Specification for Inspection				Dimension Inspection		
SUS 316					JIS G 4314				0.200mm		
Chemical Composition % Max									Mechanical Properties		
C	Mn	Si	P	S	Cu	Ni	Cr	Mo	Tensile Str.	Condition of Sectional Area	Surface
0.057	1.555	0.407	0.319	0.0083		10.5060	16.8240	2.0700	1786.0 N/mm ²	Good	Good

We hereby certify that the material described herein has been made in accordance with the above specification.

So Giant Oil Seal Industrial Co., Ltd.

JAMES LAI

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