



**BS EN877**

**CHF-** 

**Eco-Epoxy Coating Cast iron pipes and fittings  
for the evacuation of water from building**

*Stainless Steel Couplings with Rubber Sleeves*



**Stainless Steel Shield and Single Screws**



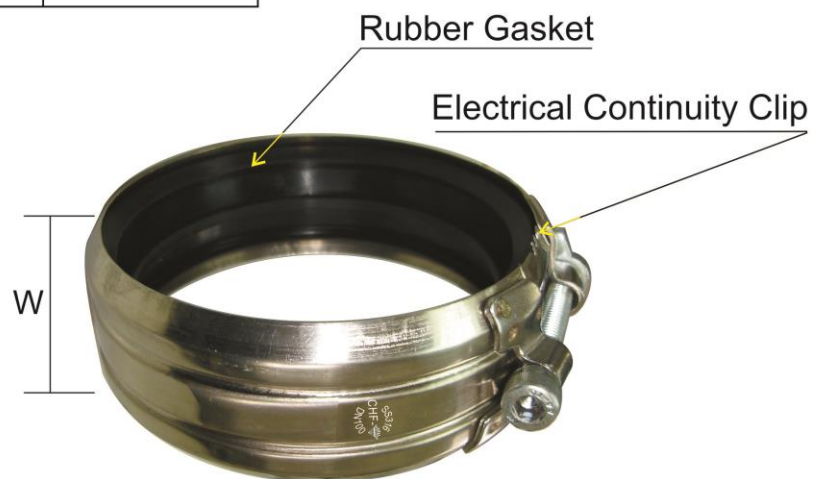
**祥興鑄鐵有限公司**  
**CHEUNG HING FOUNDRY (HK) LIMITED**

## Stainless Steel Couplings with Rubber Sleeves

1. Style -Single Screw
2. Material -Stainless Steel 316
3. Standard -In accordance with BS EN 877:1999 +A1:2006  
Meets the electrical continuity requirements.

4. Nominal Diameter  
Coupling (Single Screw)

Product Code	Pipe Size DN (mm)	Dimensions Width (mm $\pm 0.5$ mm)
NU 050	50	40
NU 075	75	45
NU 100	100	45
NU 150	150	54



Stainless Steel Coupling Shield and Screws

5. Optional Item -  
Electrical Continuity Clip
6. Applications: -

The couplings are for use in domestic, commercial and public buildings in accordance with BS EN 877:1999+A1:2006 for the conveyance of above ground rainwater, domestic drainage and sewage as is permitted to be discharged into public sewers.



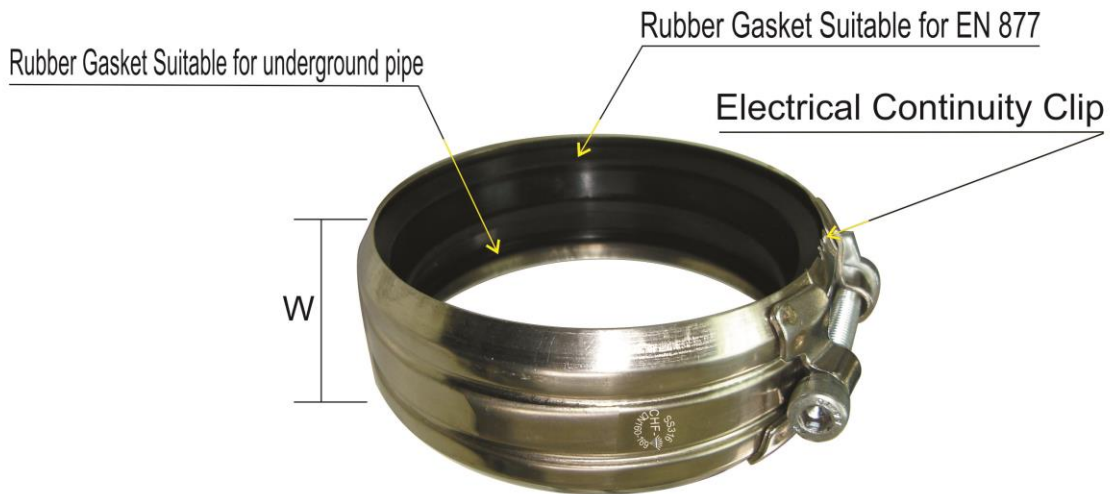




## Stainless Steel Reducing Couplings with Rubber Sleeves ( BS EN 877 $\longleftrightarrow$ underground pipe )

1. Style -Single Screw
2. Material -Stainless Steel 316
3. Standard -In accordance with BS EN 877:1999+A1:2006  
Meets the electrical continuity requirements.
4. Nominal Diameter  
Single Screw

From BS EN 877 transform to underground pipe		
Product Code	Pipe Size External Diameter (mm)	Dimensions Width (mm $\pm 0.5$ mm)
NUB 100	109-112 $\longleftrightarrow$ 116-119	45
NUB 150	158-162 $\longleftrightarrow$ 168-171	54



Stainless Steel Shield and Screws

5. Optional Item -  
Electrical Continuity Clip
6. Applications: -

The couplings are for use in domestic, commercial and public buildings in accordance with BS EN 877:1999+A1:2006 for the conveyance of above ground rainwater, domestic drainage and sewage as is transformed to underground pipe to be discharged into public sewers.

The Fastening Connection  
for Joining No Hub Cast Iron Pipes  
Article 3145, AISI 316 - DIN Shell, AISI 316 Bolting.



Stainless Steel Reducing Couplings with Rubber Sleeves



HOKLAS Endorsed Test Certificates

Style - Reducing Coupling (Single Screw) (110X118)

(160X169)

**CASTCO** 佳力高試驗中心有限公司  
CASTCO TESTING CENTRE LIMITED

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E-mail: info@castco.com.hk Website: www.castco.com.hk

**Test Report**  
Pipes - Visual Inspection of Marking of Cast Iron Pipes and Fittings, Joints and Accessories  
[BS EN 877: 1999 (A1: 2006) Cl. 5.11]

Date of issue: 06 January 2021  
Page 1 of 1 page  
Castco LRN: 201207-2764 MARK

**Details as supplied by customer**  
Customer: Cheung Hing Foundry (HK) Limited  
Address: 299 Pak Sha Tsuen, Kung UM Road, Yuen Long, N.T.  
Customer's Ref. No.: --  
Contract No.: --  
Job Title: --  
Sample Description: --  
Sample ID: -- Type: Stainless Steel SS316 Reducing Coupling (Single Screw)  
Nominal length: --  
Brand: CHF  
Manufacturer: Cheung Hing Foundry (HK) Limited

**Laboratory test results**  
Date sample received: 07 December 2020  
Date of test: 10 December 2020

A. Legible and indelible marking are found for:  
(a) Manufacturer's name or mark Yes  
(b) Identification of production site N.A.  
(c) Period of manufacture, coded or not Yes  
(d) Reference to BS EN 877: 1999 + A1: 2006 Yes  
(e) DN Yes  
(f) Design angle of fittings N.A.  
(g) Identification of accredited third party where applicable N.A.

B. Additional information for cast-on fittings installed outside building.

Remarks: -  
1. Test result relate only to the specimens tested.  
2. Test result complies with clause 4.10 of BS EN 877: 1999 + A1: 2006 (effect of measurement uncertainty has not been taken into account).  
3. Reducing coupling is used for connecting BS EN 877 and underground pipeline products.  
4. Country of origin: China.

Checked by: SIT KWAN NING  
Senior Supervisor  
Approved Signatory: WONG KA MAN  
Senior Manager

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Customer's Ref. No.: --  
Contract No.: --  
Job Title: --  
Sample Description: --  
Sample ID: -- Type: Stainless Steel SS316 Reducing Coupling (Single Screw)  
Nominal length: --  
Brand: CHF  
Manufacturer: Cheung Hing Foundry (HK) Limited

**Laboratory test results**  
Date sample received: 07 December 2020  
Date of test: 10 December 2020

A. Legible and indelible marking are found for:  
(a) Manufacturer's name or mark Yes  
(b) Identification of production site N.A.  
(c) Period of manufacture, coded or not Yes  
(d) Reference to BS EN 877: 1999 + A1: 2006 Yes  
(e) DN Yes  
(f) Design angle of fittings N.A.  
(g) Identification of accredited third party where applicable N.A.

B. Additional information for cast-on fittings installed outside building.

Remarks: -  
1. Test result relate only to the specimens tested.  
2. Test result complies with clause 4.10 of BS EN 877: 1999 + A1: 2006 (effect of measurement uncertainty has not been taken into account).  
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**Test Report**  
Pipes - Water Tightness of Cast Iron Joints to Positive Internal Pressure  
[BS EN 877: 1999 (A1: 2006) Cl. 5.8.4.1, 5.8.4.3 & 5.8.4.4]

Date of issue: 06 January 2021  
Page 1 of 1 page  
Castco LRN: 201207-2764 WTP

**Details as supplied by customer**  
Customer: Cheung Hing Foundry (HK) Limited  
Address: 299 Pak Sha Tsuen, Kung UM Road, Yuen Long, N.T.  
Customer's ref. no.: --  
Contract no.: --  
Job title: --  
Sample description: --  
Sample ID: -- Type: Stainless Steel SS316 Reducing Coupling (Single Screw)  
Nominal size (DN): 110 x 118  
Brand: CHF  
Manufacturer: Cheung Hing Foundry (HK) Limited

**Laboratory test results**  
Date sample received: 07 December 2020  
Date of test: 19 December 2020

**Aligned Position**  
Pipe Size < DN200  
Level (bar) Pressure transducer (bar) Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

Pipe Size > DN200  
Level (bar) Pressure transducer (bar) Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

**Angular Deflection**  
Pipe Size < DN200  
Level (bar) Pressure transducer (bar) Deflection angle 3' Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

Pipe Size > DN200  
Level (bar) Pressure transducer (bar) Deflection angle Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

**Shear force:**  
Pipe Size < DN200  
Level (bar) Pressure transducer (bar) Shear force F 1000 N, Calculated Vertical load W 1399 N Visual leakage  
0 0 No  
0.5 0.5 No  
1 1 No

Pipe Size > DN200  
Level (bar) Pressure transducer (bar) Shear force F N, Calculated Vertical load W N Visual leakage  
0 0 No  
0.5 0.5 No  
1 1 No

Remarks: 1. Test result relates to specimens tested.  
2. Test result complies with Cl. 4.7.5 of BS EN 877: 1999 + A1: 2006 (effect of measurement uncertainty has not been taken into account).  
3. Reducing coupling is used for connecting BS EN 877 and underground pipeline products.  
4. Country of origin: China.

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Customer's ref. no.: --  
Contract no.: --  
Job title: --  
Sample description: --  
Sample ID: -- Type: Stainless Steel SS316 Reducing Coupling (Single Screw)  
Nominal size (DN): 160 x 169  
Brand: CHF  
Manufacturer: Cheung Hing Foundry (HK) Limited

**Laboratory test results**  
Date sample received: 07 December 2020  
Date of test: 19 December 2020

**Aligned Position**  
Pipe Size < DN200  
Level (bar) Pressure transducer (bar) Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

Pipe Size > DN200  
Level (bar) Pressure transducer (bar) Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

**Angular Deflection**  
Pipe Size < DN200  
Level (bar) Pressure transducer (bar) Deflection angle 3' Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

Pipe Size > DN200  
Level (bar) Pressure transducer (bar) Deflection angle Visual leakage  
0 0 No  
0.5 0.5 No  
5 5 No

**Shear force:**  
Pipe Size < DN200  
Level (bar) Pressure transducer (bar) Shear force F 1500 N, Calculated Vertical load W 2084 N Visual leakage  
0 0 No  
0.5 0.5 No  
1 1 No

Pipe Size > DN200  
Level (bar) Pressure transducer (bar) Shear force F N, Calculated Vertical load W N Visual leakage  
0 0 No  
0.5 0.5 No  
1 1 No

Remarks: 1. Test result relates to specimens tested.  
2. Test result complies with Cl. 4.7.5 of BS EN 877: 1999 + A1: 2006 (effect of measurement uncertainty has not been taken into account).  
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