



水務署

Water Supplies Department

香港灣仔告士打道七號入境事務大樓

Immigration Tower, 7 Gloucester Road, Hong Kong

電子郵遞

e-mail

wsdinfo@wsd.gov.hk

電話

Telephone

2829 4355

圖文傳真

Facsimile

2824 0578

檔號

Reference

(6) in WSD 3321/17 Pt.1 T/J(779)

13 September 2017

Approval of "E-CO" Ductile Iron Fittings

Your letters ref. WSD-ECO-003, WSD-ECO-004 and WSD-ECO-005 dated 24 June 2017, 2 August 2017 and 25 August 2017 respectively refer.

Having considered the test report ref. BC-SUMMARY-2017-69 issued on 24 May 2017 by Castco Testing Centre Ltd. and WRAS certificate, this Authority accepts that the fittings described below comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Ever Foundry Co Ltd

Country of Origin: China

Brand: E-CO

Details of Fittings: Ductile iron fittings with internal epoxy powder coating under WRAS approval no. 1707542

Description	Size (mm)
Double Socket 90° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600
Double Socket 45° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600
Double Socket 22.5° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600

Description	Size (mm)
Double Socket 11.25° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600
Double Flange 90° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600
Double Flange 45° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600
Double Flange 22.5° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600
Double Flange 11.25° Bend	80, 100, 150, 200, 250, 300, 400, 450, 600
Double Flange Duckfoot 90° Bend	80, 100, 150, 200, 250, 300
All Socket Tee	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x80, 300x100, 300x150, 300x200, 300x250, 300x300, 400x400, 450x450, 600x600
Double Socket Tee with Flange Branch	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x100, 300x150, 300x200, 300x250, 300x300, 400x100, 400x150, 400x200, 400x250, 400x300, 400x400, 450x100, 450x150, 450x200, 450x250, 450x300, 450x400, 450x450, 600x150, 600x200, 600x250, 600x300, 600x400, 600x450, 600x600
All Flange Tee	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x100, 300x150, 300x200, 300x250, 300x300, 400x100, 400x150, 400x200, 400x250, 400x300, 400x400, 450x100, 450x150, 450x200, 450x250, 450x300, 450x400, 450x450, 600x150, 600x200, 600x250, 600x300, 600x400, 600x450, 600x600
Double Socket Invert Tee with Flange Branch	200x150, 250x150, 250x200, 300x150, 300x200, 300x250, 400x150, 400x200, 400x250, 400x300, 450x150, 450x200, 450x250, 450x300, 600x150, 600x200, 600x250, 600x300
Double Socket Taper	100x80, 150x80, 150x100, 200x100, 200x150, 250x100, 250x150, 250x200, 300x100, 300x150, 300x200, 300x250, 400x100, 400x150, 400x200, 400x250, 400x300, 450x100, 450x150, 450x200, 450x250, 450x300, 450x400, 600x150, 600x200, 600x250, 600x300, 600x400, 600x450
Double Flange Taper	100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x100, 250x150, 250x200, 300x150, 300x200, 300x250, 400x200, 400x250, 400x300, 450x250, 450x300, 450x400, 600x300, 600x400, 600x450

Body Markings:

For Double Socket Bend:
E-CO BS EN545 DI size x angle

For Double Flange Bend:
E-CO BS EN545 PN16 DI size x angle

For All Socket Tee and Double Socket Taper:
E-CO BS EN545 DI size x size

For Double Socket Tee with Flange Branch, All Flange Tee, Double Socket Invert Tee with Flange Branch, Double Flange Taper:
E-CO BS EN545 PN16 DI size x size

Expiry Date: 7 October 2021

This Authority hereby permits the use of the above fittings in fresh water plumbing systems, flushing water plumbing systems and fresh water fire services systems subject to full adherence to Waterworks installation requirements.

A condition of this acceptance is that the fittings to be installed shall be replicas of the samples as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fittings installed fail to meet that of the approved samples or if the fittings are found to be unsuitable for use in the water supply systems mentioned above.

For the use of the fittings in any project, the Acceptance Reference Number at the bottom of this letter must be quoted as a means of identification of acceptance of the fittings by this Authority.

Should you have any enquiries, please contact our Engineer Mr. Terry KUNG at tel. no. 2294 2656.

Yours faithfully,



(CHAN Chung Kun)
for Water Authority

c.c. WSD 3321/1/82] - without catalogue
ME/MC] - with soft copy only



Double Flange 90° Bend



Double Flange 22.5° Bend



Double Flange 11.25° Bend



Double Flange 45° Bend



Double Flange Duckfoot 90° Bend



All Flange Tee



Double Socket Tee with Flanged Branch



Double Flanged Taper



Double Socket 90° Bend



Double Socket 22.5° Bend



Double Socket 45° Bend



Double Socket 11.25° Bend



Double Socket Taper



All Socket Tee



Double Socket Invert Tee with
Flange Branch