



水務署

Water Supplies Department

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檔號
Reference (4) in WSD 3321/17 Pt.1 T/J(1508)

12 January 2018

Approval of “DECO” Ductile Iron Fittings

Your letters both ref. SL20171208 dated 14 December 2017 and 22 December 2017 refer.

Having considered the test reports ref. BC-SUMMARY-2017-129 and 170515-0266 issued on 9 November 2017 and 12 December 2017 by Castco Testing Centre Ltd., 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: Liaoning Ever Metal Forming Tech Co Ltd

Country of Origin: China

Brand: Deco

Details of Fittings: Ductile iron fitting with internal cement mortar lining

Description	Size (mm)
Double Flange Bend 90° (PN16)	80, 100, 150, 200, 250, 300, 350, 400, 450
Double Flange Bend 45° (PN16)	80, 100, 150, 200, 250, 300, 350, 400, 450
Double Flange Bend 22.5° (PN16)	80, 100, 150, 200, 250, 300

Description	Size (mm)
Double Flange Bend 11.25° (PN16)	80, 100, 150, 200, 250, 300
Double Flange Long Radius Bend 90° (PN16)	80, 100, 150, 200, 250, 300
Double Flange Duckfoot Bend 90° (PN16)	80, 100, 150, 200, 250
Double Socket Bend 90°	80, 100, 150, 200, 250, 300
Double Socket Bend 45°	80, 100, 150, 200, 250, 300
Double Socket Bend 22.5°	80, 100, 150, 200, 250, 300
Double Socket Bend 11.25°	80, 100, 150, 200, 250, 300
Double Flange Bend 90° (PN25)	80, 100, 150
Double Flange Bend 45° (PN25)	80, 100, 150
All Flange Tee (PN16)	80x50, 80x65, 80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x80, 300x100, 300x150, 300x200, 300x300
All Flange 45° Angle Tee (PN16)	80x80, 100x100, 150x150, 200x200, 250x250, 300x300
All Socket Tee	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x100, 250x150, 250x200, 250x250, 300x100, 300x150, 300x200, 300x300
Double Socket Tee with Flange Branch	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x250
All Flange Tee (PN25)	80x50, 80x65, 80x80, 100x80, 100x100, 150x100, 150x150
Double Flange Taper (Concentric Type) (PN16)	100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200, 300x150, 300x200, 300x250
Double Flange Taper (Flat Type) (PN16)	100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200, 300x150, 300x200, 300x250
Double Socket Taper	100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200, 300x150, 300x200, 300x250
Double Flange Taper (Concentric Type) (PN25)	80x50, 100x80, 150x100

Body Markings:

For Double Flange Bend:
 DECO production code BSEN545 DI
 K12 size x angle pressure rating

For Double Socket Bend:
DECO production code BSEN545 DI
K12 size x angle

For All Flange Tee and Double Socket Tee with Flange Branch:
DECO production code BSEN545 DI
K14 size x size pressure rating

For All Flange 45° Angle Tee:
DECO production code BSEN545 DI
K14 size x size x angle pressure rating

For All Socket Tee:
DECO production code BSEN545 DI
K14 size x size

For Double Flange Taper:
DECO production code BSEN545 DI
K12 size x size pressure rating

For Double Socket Taper:
DECO production code BSEN545 DI
K12 size x size

Expiry Date: 24 July 2022

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
Bend 90° (PN16)**



**Double Flange Bend
11.25° (PN16)**



**Double Flange Duckfoot Bend
90° (PN16)**



**Double Flange
Bend 45° (PN16)**



**Double Flange
Bend 90° (PN25)**



**Double Flange
Bend 22.5° (PN16)**



**Double Flange Bend
45° (PN25)**



All Flange Tee (PN16)



All Flange Tee (PN25)



**Double Flange Taper
(Concentric Type)
(PN16)**



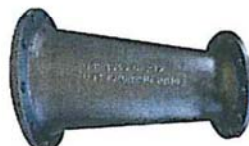
**All Flange 45°
Angle Tee (PN16)**



**Double Flange
Taper Flat Type
(PN16)**



**Double Flange Long
Radius Bend 90° (PN16)**



**Double Flange Taper
(Concentric Type) (PN25)**



**Double Socket Tee
with Flange Branch**



Double Socket Taper



All Socket Tee



Double Socket Bend 90°



Double Socket Bend 22.5°



Double Socket Bend 45°



Double Socket Bend 11.25°