



水務署
Water Supplies Department

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檔號
Reference
(4) in WSD 3321/2025 T/J(1169/2025)

27 January 2026

**Approval of “VZ” Ductile Iron Fittings
(General Acceptance No. ZC20260074)**

Your letters ref. C4980/WSD/JN482 and C5036/WSD/JN482 dated 18 November 2025 and 30 December 2025 respectively refer.

Having considered the test reports ref. PMA52146A issued on 17 December 2025 & ref. AGA50378 issued on 15 September 2025 by ETS-Testconsult 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: Liaoning Ever Metal Forming Tech Co Ltd

Country of Origin: Chinese Mainland

Brand: VZ

Details of Fittings: Ductile iron fittings with internal cement mortar lining under WRAS approval no. 2207523

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



Description	Size (mm)
Double Socket 11.25° Bend	80, 100, 150, 200, 250, 300, 450
Double Flanged 90° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged 45° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged 22.5° Bend PN16	80, 100, 150, 200, 250, 300, 450
Double Flanged 11.25° Bend PN16	80, 100, 150, 200, 250, 300

Body Markings:

Double Socket Bends

For 80mm, 100mm & 150mm:

VZ BS EN 545 DI K12 size x angle

For other sizes:

VZ BS EN 545 DI K12 1.6-2.4MPa size x angle

Double Flanged Bends

For 80mm, 100mm & 150mm:

VZ BS EN 545 DI K12 PN16 size x angle

For other sizes:

VZ BS EN 545 DI K12 PN16 1.6-2.4MPa
size x angle**Expiry Date:**

26 January 2031

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 This acceptance may be withdrawn at any time if the standard of the fittings installed fails to meet that of the approved samples or if the fittings are found to be unsuitable for use in the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 General Acceptance Number 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 Albert CHOW at tel. no. 3583 4086.

Yours faithfully,



(CHAN Kwok Leung, Douglas)
for Director of Water Supplies

Encl.

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



Double Socket 90° Bend



Double Socket 45° Bend



Double Socket 22.5° Bend



Double Socket 11.25° Bend



Double Flanged 90° Bend PN16



Double Flanged 45° Bend PN16



Double Flanged 22.5° Bend PN16



Double Flanged 11.25° Bend PN16