



水務署
Water Supplies Department

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Reference (4) in WSD 3321/2026 T/J(533/2026)

7 August 2026

**Approval of “VZ” Ductile Iron Fittings
(General Acceptance No. ZC20260568)**

Your letters ref. C5200/WSD/JN509(2) and C5220/WSD/JN509(2) dated 27 May 2026 and 13 July 2026 respectively refer.

Having considered the test reports ref. PMA61227 & AGA50377 issued on 5 May 2026 & 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 epoxy powder coating under WRAS approval no. 260455002

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
Double Socket 11.25° Bend	80, 100, 150, 200, 250, 300



Description	Size (mm)
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
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:

6 August 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 This acceptance may be withdrawn at any time if the standard of the fittings installed fails to meet that of the approved samples or if the fittings are found to be unsuitable for use in the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