



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

48/F, Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署檔號 : (4) in WSD 3321/2021 T/J(978/2021)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

16 August 2021

**Approval of "K-TOP" Ductile Iron Fittings
(General Acceptance No. C20210909)**

Your letters dated 15 June 2021 and 16 July 2021 refer.

Having considered the test reports ref. PMA10786, PMA10787, PMA10788, PMA10789 & PMA10791 all issued on 6 May 2021 and ref. PMA10790A issued on 12 July 2021 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: Shandong Jianhua Valve Manufacturing Co Ltd

Country of Origin: the Mainland of China

Brand: K-TOP

Details of Fittings: Ductile iron fittings with cement mortar lining under WRAS approval no. 2012541

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

Description	Size (mm)
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
Double Flanged 90° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged 45° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged 22.5° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged 11.25° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged Long Radius 90° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged Duckfoot 90° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged 90° Bend PN25	80, 100, 150, 200
Double Flanged 45° Bend PN25	80, 100, 150, 200
All Socket Tee	80x80x80, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x100, 200x200x150, 200x200x200, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x100, 300x300x150, 300x300x250, 300x300x300
Double Socket Tee with Flanged Branch PN16	80x80x80, 100x100x80, 100x100x100, 150x150x100, 150x150x150, 200x200x150, 200x200x200, 250x250x200, 250x250x250, 300x300x250, 300x300x300
All Flanged Tee PN16	80x80x50, 80x80x80, 100x100x50, 100x100x80, 100x100x100, 150x150x50, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x100, 300x300x150, 300x300x200, 300x300x250, 300x300x300, 350x350x300, 350x350x350, 400x400x350, 400x400x400, 450x450x400, 450x450x450, 500x500x450, 500x500x500, 600x600x500, 600x600x600
All Flanged Tee PN25	80x80x80, 100x100x100, 150x150x150, 200x200x200
Double Socket Taper	100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x100, 250x150, 250x200, 300x100, 300x150, 300x200, 300x250

Description	Size (mm)
Double Flanged Taper PN16	80x50, 80x65, 100x50, 100x65, 100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x100, 250x150, 250x200, 300x100, 300x150, 300x200, 300x250, 350x300, 400x350, 450x400, 500x450, 600x500
Double Flanged Taper PN25	80x50, 100x50, 100x80, 150x80, 150x100, 200x100, 200x150

Body Markings:

For Double Socket Bend:

K-TOP BS EN 545 DI K12 size x angle

For Double Flanged Bend PN16:

K-TOP BS EN 545 DI K12 size x angle PN16

For Double Flanged Bend PN25:

K-TOP BS EN 545 DI K12 size x angle PN25

For All Socket Tee:

K-TOP BS EN 545 DI K14 size x size

For All Flanged Tee PN16 and Double Socket Tee with Flanged Branch PN16:

K-TOP BS EN 545 DI K14 size x size PN16

For All Flanged Tee PN25:

K-TOP BS EN 545 DI K14 size x size PN25

For Double Socket Taper:

K-TOP BS EN 545 DI K12 size x size

For Double Flanged Taper PN16:

K-TOP BS EN 545 DI K12 size x size PN16

For Double Flanged Taper PN25:

K-TOP BS EN 545 DI K12 size x size PN25

Expiry Date:

31 December 2025

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 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. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,



(Roger WONG)
for Director of Water Supplies

Encl.

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



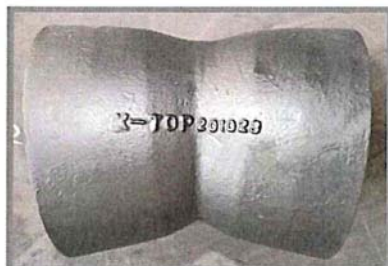
Double Socket 90° Bend



Double Socket 45° Bend



Double Socket 22.5° Bend



Double Socket 11.25° Bend



Double Flanged 90° Duckfoot Bend, PN16



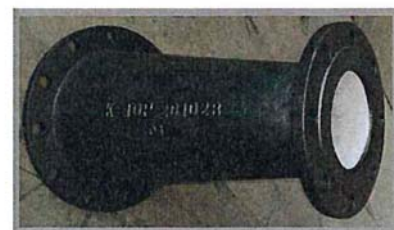
Double Flanged 45° Bend, PN16



Double Flanged 90° Bend, PN16



Double Flanged Long Radius 90° Bend, PN16



Double Flanged Taper, PN16



Double Flanged 90° Bend, PN25



Double Flanged 45° Bend, PN25



Double Flanged 22.5° Bend, PN16



Double Flanged 11.25° Bend, PN16



Double Socket Taper



Double Flanged Taper, PN25



All Socket Tee



Double Socket Tee with Flanged Branch, PN16



All Flanged Tee, PN 16



All Flanged Tee, PN25