



水務署

Water Supplies Department

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Reference

(8) in WSD 3321/16 Pt.1 T/J(1648)

6 January 2017

Approval of "K-TOP" Ductile Iron Fittings

Your letters dated 6 December 2016, 16 December 2016 and 22 December 2016 refer.

Having considered the test reports ref. PMA64231, PMA64232 & PMA64233 all issued on 31 August 2016, PMA64341 & PMA64342 both issued on 6 September 2016 and AGA60222 issued on 8 September 2016 by ETS-Testconsult Limited, 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: Foshan Shunde Lianfa Pump Industrial Co Ltd

Country of Origin: China

Brand: K-TOP

Details of Fittings: Ductile Iron fittings with internal cement mortar lining

Description	Size (mm)
Double Socket 90° Bend	80, 100, 150, 200, 250, 300
Double Socket 45° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600

Description	Size (mm)
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, 125, 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
Double Flanged Duckfoot 90° Bend PN16	80, 100, 150, 200, 250
All Socket Tee K12	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x250, 300x300
All Socket Tee K14	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x250, 300x300
All Flanged Tee PN16 K12	80x50, 80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x250, 300x300, 350x300, 350x350, 400x350, 400x400, 450x350, 450x450, 500x500, 600x600
All Flanged Tee PN16 K14	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x250, 300x300, 350x300, 350x350, 400x350, 400x400, 450x350, 450x450, 500x500, 600x600
Double Socket Tee with Flanged Branch PN16 K12	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x250
Double Socket Tee with Flanged Branch PN16 K14	80x80, 100x80, 100x100, 150x80, 150x100, 150x150, 200x80, 200x100, 200x150, 200x200, 250x250
Double Socket Taper PN16	100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x150, 250x200, 300x250
Double Flanged Taper PN16	80x50, 100x50, 100x65, 100x80, 150x125, 200x80, 200x100, 200x150, 250x100, 250x150, 250x200, 300x250, 350x300, 400x300, 400x350, 450x400

Description	Size (mm)
Cast-On Double Flange Pipe PN16	80, 100, 150, 200, 250, 300
Double Flanged 90° Bend PN25	80, 100, 150
Double Flanged 45° Bend PN25	80, 100, 150
All Flanged Tee PN25 K12	80x80, 100x100, 150x150
All Flanged Tee PN25 K14	80x80, 100x100, 150x150

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 PN16 size x angle

For All Socket Tee K12:

K-TOP BS EN 545 DI K12 size x size

For All Socket Tee K14:

K-TOP BS EN 545 DI K14 size x size

For All Flanged Tee and Double Socket Tee PN16 K12:

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

For All Flanged Tee and Double Socket Tee PN16 K14:

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

For Double Socket Taper:

K-TOP BS EN 545 DI K12 size x size

For Double Flanged Taper:

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

For Cast-On Double Flange Pipe:

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

For Double Flanged Bend PN25:

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

For All Flanged Tee PN25 K12:

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

For All Flanged Tee PN25 K14:

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

Expiry Date:

14 August 2021

This Authority hereby permits the use of the above fittings in fresh water plumbing 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 fresh water plumbing systems.

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 socket 90° bends



Double socket 45° bends



Double socket 22.5° bends



Double socket 11.25° bends



Double flange 90° bends



Double flange 45° bends



Double flange 22.5° bends



Double flange 11.25° bends



Double flanged 90° bends



Double flanged 45° bends



Double flanged ductfoot 90° bends



Double Flanged Long Radius 90° Bend



All Socket Tee (K12)



All Socket Tee (K14)



All Flanged Tee (K12)



All Flanged Tee (K14)



Double Socket Tee with Flanged Branch (K12)



Double Socket Tee with Flanged Branch (K14)



Double Flanged Taper (PN16)



Socket Taper



Cast-on Double Flange Pipe