



水務署
Water Supplies Department

香港灣仔告士打道七號入境事務大樓
Immigration Tower, 7 Gloucester Road, Hong Kong.

電子郵遞
e-mail wsdinfo@wsd.gov.hk

電話
Telephone

圖文傳真
Facsimile 2824 0578

檔號
Reference (4) in WSD 3321/2025 T/J(1271/2025)

2 February 2026

**Approval of “ML-BK” Stainless Steel Fittings
(General Acceptance No. ZC20260088)**

Your letters ref. BK2025-AC-MLBK-045 and BK2025-AC-MLBK-045(V2) dated 17 December 2025 and 5 January 2026 respectively refer.

Having considered the test report ref. BC-SUMMARY-2025-511 issued on 31 December 2025 by Castco Testing Centre 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: Shenzhen Minle Pipe Industry Co Ltd

Country of Origin: Chinese Mainland

Brand: ML-BK

Details of Fittings: Stainless steel fittings with press-fit connection ends (304)

Description	Model	Size
90° Elbow	ML 90E	15, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
90° Street Elbow	ML 90ED	15, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)

Description	Model	Size
90° Bend with Female Thread	ML 90EF	15x½", 22x½", 22x¾", 28x½", 28x¾", 28x1", 35x½", 35x1", 35x1¼", 42x1¼", 42x1½", 54x2" (mm x inch)
90° Bend with Male Thread	ML 90EM	15x½", 22x½", 22x¾", 28x½", 28x¾", 28x1", 35x1", 35x1¼", 42x1¼", 42x1½", 54x1½", 54x2" (mm x inch)
90° Elbow with Female Thread	ML 90EFZ	15x½", 22x½", 22x¾", 28x1" (mm x inch)
Reducing 90° Bend	ML 90RE	22x15, 28x15 (mm)
45° Obtuse Elbow	ML 45E	15, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
45° Obtuse Street Elbow	ML 45ED	15, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
Straight Coupler	ML S	15, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
Straight Slip Coupler	ML SK	15, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
Female Straight Coupler	ML SF	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2", 108x4" (mm x inch)
Male Straight Coupler	ML SM	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2" (mm x inch)
Union Adapter	ML UN	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2" (mm x inch)
Reducing Coupling	ML SR	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x28, 42x35, 54x28, 54x35, 54x42, 76.1x42, 76.1x54, 88.9x42, 88.9x54, 88.9x76.1, 108x54, 108x76.1, 108x88.9 (mm)
Reducing with Plain End	ML SRP	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x22, 42x28, 42x35, 54x22, 54x28, 54x35, 54x42, 76.1x54, 88.9x54, 88.9x76.1, 108x54, 108x76.1, 108x88.9 (mm)
Female Straight Coupler (Reducer)	ML SF	22x½", 28x¾", 35x1", 42x1¼", 54x1½", 76.1x2½", 88.9x3" (mm x inch)
Male Straight Coupler (Reducer)	ML SM	22x½", 28x½", 28x¾", 35x½", 35x¾", 35x1", 42x½", 42x1", 42x1¼", 54x1½" (mm x inch)
Equal Tee	ML 3T	15, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
Reducing Branch Tee	ML 3TR	22x22x15, 28x28x15, 28x28x22, 35x35x15, 35x35x22, 35x35x28, 42x42x15, 42x42x22, 42x42x28, 42x42x35, 54x54x15, 54x54x22, 54x54x28, 54x54x35, 54x54x42, 76.1x76.1x42, 76.1x76.1x54, 88.9x88.9x54, 88.9x88.9x76.1, 108x108x22, 108x108x28, 108x108x35, 108x108x42, 108x108x54, 108x108x76.1, 108x108x88.9 (mm)

Description	Model	Size
Tee with Female Branch	ML 3TF	15x15x½", 22x22x½", 22x22x¾", 28x28x½", 28x28x¾", 28x28x1", 35x35x½", 35x35x¾", 35x35x1", 35x35x1¼", 42x42x½", 42x42x¾", 42x42x1", 42x42x1¼", 42x42x1½", 54x54x½", 54x54x¾", 54x54x1", 54x54x1½", 54x54x2", 108x108x2" (mm x mm x inch)
Tee with Male Branch	ML 3TM	15x15x½", 22x22x½", 22x22x¾", 28x28x¾", 28x28x1", 35x35x½", 35x35x¾", 35x35x1", 35x35x1¼", 42x42x½", 42x42x¾", 42x42x1", 42x42x1¼", 42x42x1½", 54x54x½", 54x54x¾", 54x54x1", 54x54x1¼", 54x54x1½", 54x54x2" (mm x mm x inch)
P-Tee	ML PT	22x15x15, 22x15x22, 28x22x28 (mm)

Body Markings: ML-BK Size SS304

Expiry Date: 1 February 2031

This Authority hereby permits the use of the above fittings in fresh 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



90° Elbow



90° Street Elbow



90° Bend with
Female Thread



90° Bend with Male
Thread



90° Elbow with
Female Thread



Reducing 90° Bend



45° Obtuse Elbow



45° Obtuse Street
Elbow



Straight Coupler



Straight Slip
Coupler



Female Straight
Coupler



Male Straight
Coupler



Union Adapter



Reducing Coupling



Reducing with Plain
End



Female Straight
Coupler (Reducer)



Male Straight
Coupler (Reducer)



Equal Tee



Reducing Branch
Tee



Tee with Female
Branch



Tee with Male
Branch



P-Tee