



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

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本署檔號 : (4) in WSD 3321/2023 T/J(601/2023)
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來函檔號 :
Your ref.

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6 July 2023

**Approval of "HKS" Stainless Steel Fittings
(General Acceptance No. C20230483)**

Your letters ref. HFL23-0602 and HFL23-0603 dated 6 June 2023 and 20 June 2023 respectively refer.

Having considered the test report ref. BC-SUMMARY-2023-084 issued on 19 June 2023 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: HK Steel Ltd

Country of Origin: the Mainland of China

Brand: HKS

Details of Fittings: Stainless steel fittings with compression ends connection (316)

Description	Size	Body Marking
90° Elbow	15, 22, 28, 35, 42, 54 (mm)	HKS 316 - (DN)
Reducing Elbow	35x28 (mm)	HKS 316 - (DN) x (DN)
Female Elbow	15x $\frac{1}{2}$ ", 22x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ ", 28x $\frac{1}{2}$ ", 28x1", 35x $\frac{1}{2}$ ", 42x $\frac{3}{4}$ ", 54x1" (mm x inch)	HKS 316 - (DN) x (Inch)

Description	Size	Body Marking
Female Elbow (Back Plate)	15x½" (mm x inch)	HKS 316 - (DN) x (Inch)
45° Elbow	15, 22, 28, 35, 42, 54 (mm)	HKS 316 - (DN)
22.5° Elbow	22, 28, 35, 42, 54 (mm)	HKS 22.5 316 - (DN)
11.25° Elbow	22, 28, 35, 42, 54 (mm)	HKS 11.25 316 - (DN)
Equal Tee	15, 22, 28, 35, 42, 54 (mm)	HKS 316 - (DN)
Reducing Tee	22x22x15, 28x28x15, 28x28x22, 35x35x15, 35x35x22, 35x35x28, 42x42x22, 42x42x28, 42x42x35, 54x54x22, 54x54x28, 54x54x35, 54x54x42 (mm)	HKS 316 - (DN) x (DN)
Female Tee	15x15x½", 22x22x½", 22x22x¾", 28x28x1", 35x35x½", 42x42x¾", 42x42x1½", 54x54x¾", 54x54x1", 54x54x2" (mm x mm x inch)	HKS 316 - (DN) x (Inch)
Cross Tee	42x22, 54x28 (mm)	HKS 316 - (DN) x (DN)
Cross Tee	54x¾" (mm x inch)	HKS 316 - (DN) x (Inch)
Female Tee	¾"x54 (inch x mm)	HKS 316 - (Inch) x (DN)
Socket	15, 22, 28, 35, 42, 54 (mm)	HKS 316 - (DN)
Female Adaptor	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2" (mm x inch)	HKS 316 - (DN) x (Inch)
Female Screw Connector	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2" (mm x inch)	HKS 316 - (DN)
Male Screw Connector	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2" (mm x inch)	HKS 316 - (DN)
Nipple	15, 22, 28, 35, 42, 54 (mm)	HKS 316 - (DN)
Nipple	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2" (mm x inch)	HKS 316 - (DN) x (Inch)
Reducer	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x22, 42x28, 42x35, 54x22, 54x28, 54x35, 54x42 (mm)	HKS 316 - (DN) x (DN)
Bushing Type Reducer	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x15, 42x22, 42x28, 42x35, 54x15, 54x22, 54x28, 54x35, 54x42 (mm)	HKS 316 - (DN) x (DN)
Bushing Type Reducer	22x½", 28x½", 28x¾", 35x½", 35x¾", 35x1", 42x½", 42x¾", 42x1", 42x1¼", 54x½", 54x¾", 54x1", 54x1¼", 54x1½" (mm x inch)	HKS 316 - (DN) x (Inch)
Nipple (Reducer)	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x15, 42x22, 42x28, 42x35, 54x15, 54x22, 54x28, 54x35, 54x42 (mm)	HKS 316 - (DN) x (DN)

Description	Size	Body Marking
Female Screw Connector (Reducer)	22x½" (mm x inch)	HKS 316 - (DN) x (DN)

Expiry Date: 18 June 2028

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 should 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 Ms Winnie LO at tel. no. 3583 4086.

Yours faithfully,



(YAU Hau Yin)

for Director of Water Supplies

Encl.

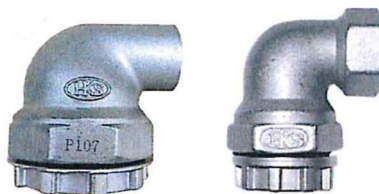
c.c. WSD 3321/1/82] - without catalogue
ME/MC] - with soft copy only



90° Elbow



Reducing Elbow



Female Elbow



Female Elbow
(Back Plate)



45° Elbow



22.5° Elbow



11.25° Elbow



Equal Tee



Reducing Tee



Female Tee



Cross Tee



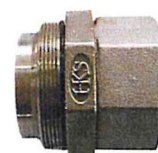
Cross Tee



Female Tee



Socket



Female Adaptor



Female Screw
Connector



Male Screw
Connector



Nipple



Nipple



Reducer



Bushing Type
Reducer



Bushing Type
Reducer



Nipple (Reducer)



Female Screw
Connector
(Reducer)