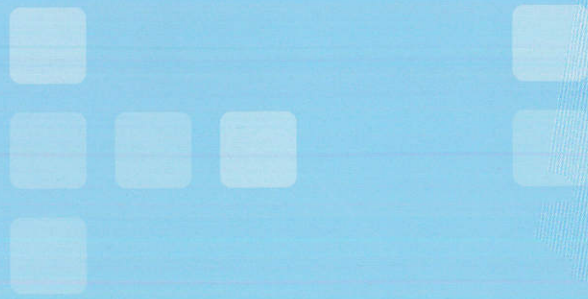


**AISI 316/304 Stainless Steel
Lost Wax Casting Screwed
Pipe Fittings**



*Before you install a stainless
steel fitting, be sure it says "KI."*



TUV ISO/TS 16949 : 2002
Certificate: 12 111 15136 TMS



K-01



Elbow 90 Equal Banded F/F

K-01A



Elbow 90 Banded Reducing

K-01B



Elbow 90 Equal Banded
Socket Weld

K-01C



Elbow With Strip

K-01D



Elbow 90 Non-Banded F/F

K-02



Tee Banded

K-02A



Tee Banded Reducing

K-02B



Tee Banded Socket Weld

K-02C



Y-Tee Banded

K-02D



Tee Non-Banded

K-03



Cross Banded

K-04



Street Elbow 90 M/F

K-04A



Street Elbow 45 M/F

K-04B



Street Elbow Non-Banded M/F

K-05



Elbow 45 Equal Banded F/F

K-05A



Elbow 45 Banded Socket Weld

K-06 / K-06A



Union Conical Joint F/F
Union Flat Seat With Teflon
Gasket F/F

K-06B / K-06C



Union Conical Joint M/F
Union Flat Seat With Teflon
Gasket M/F

K-06D / K-06E



Union Conical Joint BW/BW
Union Flat Seat With Teflon
Gasket BW/BW

K-06F / K-06G



Union Conical Joint BW/F
Union Flat Seat With Teflon
Gasket BW/F

K-06H / K-06I



Union Conical Joint BW/M
Union Flat Seat With Teflon
Gasket BW/M

K-06J / K-06K



Union Conical Joint M/M
Union Flat Seat With Teflon
Gasket M/M

K-06L / K-06O



Union Flat Seat
Inside/Inside Thread
Union Conical
Inside/Inside Thread

K-06M / K-06P



Union Flat Seat
Inside/Outside Thread
Union Conical
Inside/Outside Thread

K-06N / K-06Q



Union Flat Seat Welded Ends
Union Conical Welded Ends

K-06R



Union Conical Joint Socket Weld

K-06Y



Union BW/M With Hexagon Nut

K-071 / K-072



Hexagon Nipple (DIN/BSP)
Hexagon Nipple (NPT/PT)

K-07A



Hexagon Nipple Reducing

K-07B



Barrel Nipple From Pipe

K-07C



Welding Nipple From Pipe

K-07D



Hose Nipple

K-07E



Hexagon Welding Nipple

K-08 / K-08A



Hexagon Plug, Taper
(Conical) Thread
Hexagon Plug, Parallel
(Cylinder) Thread

K-08B



Square Plug

K-09



Hexagon Bushing M/F

K-09A



Negative Hexagon Bushing M/F

K-010



Hexagon Cap

K-010A



Round Cap Banded

K-010B



Round Cap Banded Socket Weld

K-011



Backnut (Locknut)

K-012



Socket (Coupling) Banded

K-012A



Socket (Coupling) Banded
Reducing

K-012B



Socket (Coupling) Plain

K-012C



Half Socket (Coupling) Plain

K-012D



Socket (Coupling) Weld

K-012E



Socket (Coupling) O.D. Machined

K-012F



Half Socket (Half Coupling)
O.D. Machined

K-012G



Socket (Coupling) Banded
Reducing Weld

K-012H



Half Socket (Half Coupling)
Weld O.D. Machined

K-012I



Socket (Coupling) Weld Plain

K-012J



Half Socket (Half Coupling)
Weld Plain

K-012K



Hexagon Socket (Coupling)
Plain

K-013



Hose Nipple Female

K-013A / K-013B



Union Conical Joint H/F
Union Flat Seat With Teflon
Gasket H/F

K-013C / K-013D



Union Conical Joint H/M
Union Flat Seat With Teflon
Gasket H/M

K-013E / K-013F



Union Conical Joint H/BW
Union Flat Seat With Teflon
Gasket H/BW

K-013G / K-013H



Union Conical Joint H/H
Union Flat Seat With Teflon
Gasket H/H

K-014 / K-014A



Union Elbow Conical Joint F/F
Union Elbow Flat Seat With
Teflon Gasket F/F

K-014B / K-014C



Union Elbow Conical Joint F/M
Union Elbow Flat Seat With
Teflon Gasket F/M

K-014D / K-014E



Union Elbow Conical Joint F/BW
Union Elbow Flat Seat With
Teflon Gasket F/BW

K-014F / K-014G



Union Elbow Conical Joint F/H
Union Elbow Flat Seat With
Teflon Gasket F/H

K-015



Double Compression Union

K-015A



Single Compression Union
Male Thread

K-015B



Elbow 90 Compression Union

K-015C



Tee Compression Union

K-016



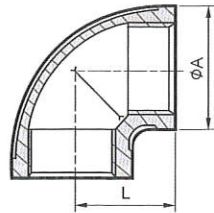
Welding Spud

K-017



Adaptor M/F

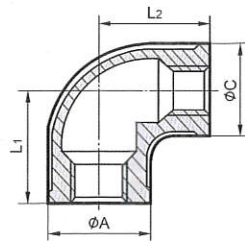
K-01 Elbow 90 Equal Banded F/F



Unit: mm

SIZE	φA	L
1/8"	17.0	19.0
1/4"	21.3	21.0
3/8"	23.5	21.3
1/2"	29.0	27.0
3/4"	36.0	33.0
1"	43.0	38.0
1-1/4"	52.0	45.0
1-1/2"	58.5	50.0
2"	71.5	57.0
2-1/2"	87.0	69.7
3"	99.5	77.0
4"	126.0	98.2

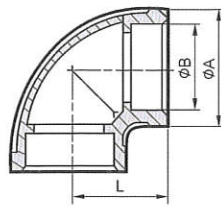
K-01A Elbow 90 Banded Reducing



Unit: mm

SIZE	φA	φC	L ₁	L ₂
1/4"x1/8"	21.0	17.1	22.3	23.0
3/8"x1/4"	26.0	22.0	20.0	22.0
1/2"x1/4"	30.0	22.0	24.0	24.0
1/2"x3/8"	29.2	25.1	25.7	25.5
3/4"x3/8"	36.0	26.0	28.0	28.0
3/4"x1/2"	36.5	29.0	34.0	28.0
1"x1/2"	43.0	29.3	32.0	34.0
1"x3/4"	44.3	37.0	37.5	33.4
1-1/4"x3/4"	53.0	36.0	38.0	40.0
1-1/4"x1"	53.0	43.2	39.5	40.5
1-1/2"x1"	60.0	44.0	41.5	45.0
1-1/2"x1-1/4"	60.0	53.0	45.0	48.0
2"x1-1/4"	73.0	53.0	48.0	54.0
2"x1-1/2"	73.0	60.0	52.0	55.0

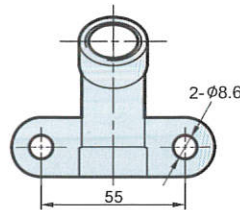
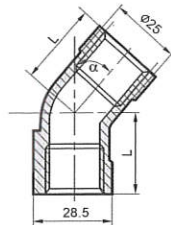
K-01B Elbow 90 Equal Banded Socket Weld



Unit: mm

SIZE	φA	φB	L
1/8"	17.0	11.0	19.0
1/4"	21.3	14.4	21.0
3/8"	23.5	17.8	21.3
1/2"	29.0	22.0	27.0
3/4"	36.0	27.4	33.0
1"	43.0	34.1	38.0
1-1/4"	52.0	42.9	45.0
1-1/2"	58.5	48.9	50.0
2"	71.5	61.4	57.0
2-1/2"	87.0	74.1	69.7
3"	99.5	90.1	77.0
4"	126.0	115.7	98.2

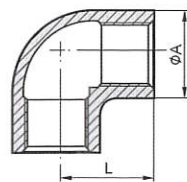
K-01C Elbow With Strip



Unit: mm

SIZE	Q	L
1/2"	45°	22.8
1/2"	60°	25.6
1/2"	75°	28.5
1/2"	90°	27.7

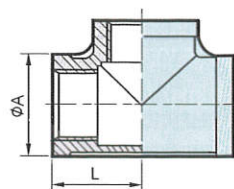
K-01D Elbow 90 Non-Banded F/F



Unit: mm

SIZE	φA	L
1/8"	15.0	17.0
1/4"	19.0	19.0
3/8"	23.0	23.0
1/2"	27.0	27.0
3/4"	33.0	32.0
1"	41.0	38.0
1-1/4"	50.0	46.0
1-1/2"	56.0	48.0
2"	69.0	57.0

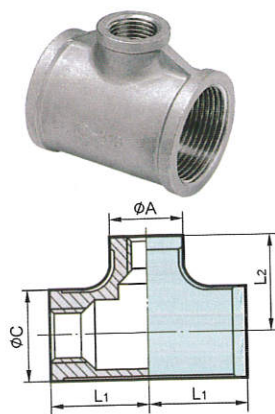
K-02 Tee Banded



Unit: mm

SIZE	φA	L
1/8"	17.0	19.0
1/4"	21.3	21.0
3/8"	23.5	23.6
1/2"	30.0	28.0
3/4"	35.0	33.0
1"	43.0	38.0
1-1/4"	52.0	45.0
1-1/2"	58.5	50.0
2"	71.5	58.0
2-1/2"	87.0	70.0
3"	100.0	78.5
4"	125.0	97.0

K-02A Tee Banded Reducing



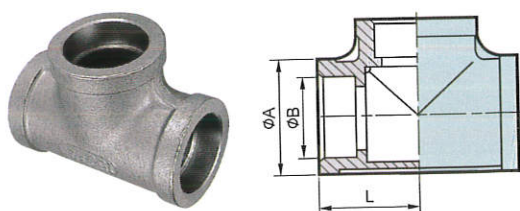
Unit: mm

SIZE	ϕA	ϕC	L_1	L_2
1/4"x1/8"	17.0	21.0	18.0	19.0
3/8"x1/8"	17.0	23.0	19.0	21.0
3/8"x1/4"	21.0	23.0	20.0	22.0
1/2"x1/8"	17.0	29.0	22.0	23.0
1/2"x1/4"	20.8	29.0	24.0	24.0
1/2"x3/8"	23.5	29.0	26.0	25.0
3/4"x1/4"	20.8	36.0	25.0	28.0
3/4"x3/8"	23.3	36.0	28.0	28.0
3/4"x1/2"	30.0	37.0	30.0	32.0
1"x1/4"	20.8	44.0	30.0	31.0
1"x3/8"	23.3	44.0	30.0	31.0
1"x1/2"	30.5	44.0	32.0	33.4
1"x3/4"	35.8	44.0	35.0	35.0
1-1/4"x3/8"	23.3	51.4	32.0	36.0

Unit: mm

SIZE	ϕA	ϕC	L_1	L_2
1-1/4"x1/2"	28.8	51.4	34.0	38.0
1-1/4"x3/4"	35.8	51.4	38.0	40.0
1-1/4"x1"	43.3	51.4	40.0	42.0
1-1/2"x3/8"	23.3	57.9	34.0	40.0
1-1/2"x1/2"	28.8	57.9	35.0	42.0
1-1/2"x3/4"	35.8	57.9	38.0	43.0
1-1/2"x1"	43.3	57.9	41.0	45.0
1-1/2"x1-1/4"	51.4	57.9	45.0	48.0
2"x1/2"	28.8	71.0	38.0	48.0
2"x3/4"	35.8	71.0	41.0	49.0
2"x1"	43.3	71.0	44.0	51.0
2"x1-1/4"	51.4	71.0	48.0	54.0
2"x1-1/2"	57.9	71.0	52.0	55.0

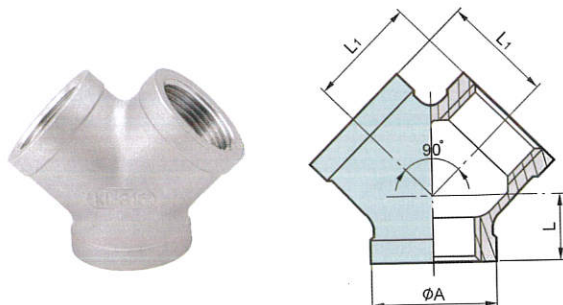
K-02B Tee Banded Socket Weld



Unit: mm

SIZE	ϕA	ϕB	L
1/8"	17.0	11.0	19.0
1/4"	21.3	14.4	21.0
3/8"	23.5	17.8	23.6
1/2"	30.0	22.0	28.0
3/4"	35.0	27.4	33.0
1"	43.0	34.1	38.0
1-1/4"	52.0	42.9	45.0
1-1/2"	58.5	48.9	50.0
2"	71.5	61.4	58.0
2-1/2"	87.0	74.1	70.0
3"	100.0	90.1	78.5
4"	125.0	115.7	97.0

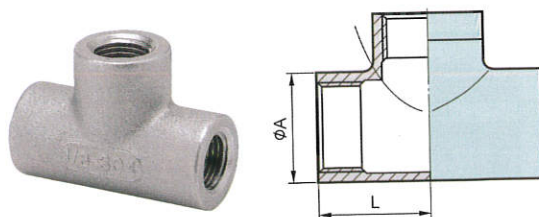
K-02C Y-Tee Banded



Unit: mm

SIZE	ϕA	L	L_1
1/8"	17.0	10.0	17.0
1/4"	21.0	13.0	19.0
3/8"	25.0	14.0	23.0
1/2"	29.0	18.0	27.0
3/4"	35.0	20.0	32.0
1"	43.0	23.0	38.0
1-1/4"	52.0	28.0	46.0
1-1/2"	58.0	30.0	48.0
2"	71.0	34.0	57.0
2-1/2"	88.0	40.0	68.0
3"	101.0	45.0	78.0
4"	129.0	52.0	97.0

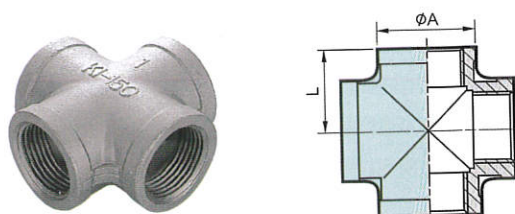
K-02D Tee Non-Banded



Unit: mm

SIZE	ϕA	L
1/8"	15.0	17.0
1/4"	19.0	19.0
3/8"	23.0	23.0
1/2"	27.0	27.0
3/4"	33.0	32.0
1"	41.0	38.0
1-1/4"	50.0	46.5
1-1/2"	56.0	48.0
2"	69.0	57.0

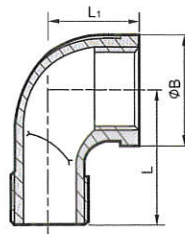
K-03 Cross Banded



Unit: mm

SIZE	ϕA	L
1/8"	15.2	17.0
1/4"	19.7	18.5
3/8"	23.3	22.9
1/2"	28.0	26.8
3/4"	34.8	32.0
1"	43.6	37.5
1-1/4"	53.0	45.9
1-1/2"	58.0	47.6
2"	71.0	58.0
2-1/2"	87.0	70.0
3"	100.0	77.0
4"	126.0	97.0

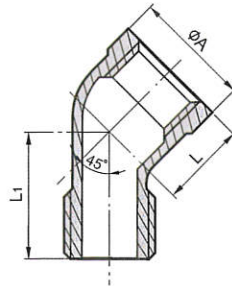
K-04 Street Elbow 90 M/F



Unit: mm

SIZE	ØB	L	L ₁
1/8"	17.0	25.0	19.0
1/4"	21.0	28.3	21.0
3/8"	25.0	32.0	25.0
1/2"	29.0	42.0	28.0
3/4"	35.0	50.5	33.0
1"	43.0	52.0	39.0
1-1/4"	52.0	60.0	45.0
1-1/2"	58.8	65.0	50.0
2"	71.7	74.0	58.0
2-1/2"	86.2	99.0	69.0
3"	100.0	114.5	78.0
4"	126.5	146.5	97.0

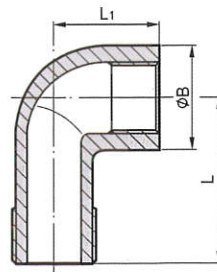
K-04A Street Elbow 45 M/F



Unit: mm

SIZE	ØA	L	L ₁
1/8"	17.0	16.0	21.0
1/4"	21.0	17.0	23.0
3/8"	25.0	19.0	27.0
1/2"	29.0	21.0	31.0
3/4"	35.0	25.0	36.0
1"	43.0	29.0	42.0
1-1/4"	52.0	34.0	49.0
1-1/2"	58.0	37.0	51.0
2"	71.0	42.0	59.0
2-1/2"	88.0	49.0	71.0
3"	101.0	54.0	79.0
4"	129.0	65.0	96.0

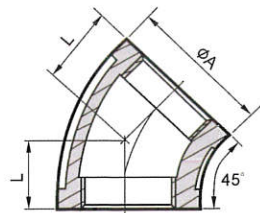
K-04B Street Elbow Non-Banded M/F



Unit: mm

SIZE	ØB	L	L ₁
1/8"	15.0	26.0	17.0
1/4"	19.0	30.0	19.0
3/8"	23.0	35.0	23.0
1/2"	27.0	40.0	27.0
3/4"	33.0	47.0	32.0
1"	41.0	54.0	38.0
1-1/4"	50.0	62.0	46.0
1-1/2"	56.0	68.0	48.0
2"	69.0	79.0	57.0

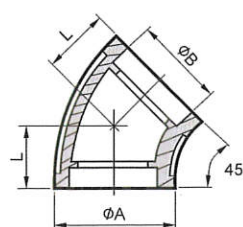
K-05 Elbow 45 Equal Banded F/F



Unit: mm

SIZE	ØA	L
1/8"	18.0	18.0
1/4"	21.0	19.4
3/8"	25.0	20.0
1/2"	29.5	22.0
3/4"	35.6	25.0
1"	43.0	28.0
1-1/4"	52.4	33.0
1-1/2"	58.0	36.0
2"	72.0	43.0
2-1/2"	87.0	50.0
3"	100.0	55.0
4"	125.5	64.0

K-05A Elbow 45 Banded Socket Weld



Unit: mm

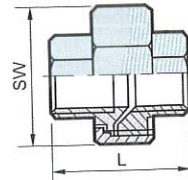
SIZE	ØA	ØB	L
1/8"	18.0	11.0	18.0
1/4"	21.0	14.4	19.4
3/8"	25.0	17.8	20.0
1/2"	29.5	22.0	22.0
3/4"	35.6	27.2	25.0
1"	43.0	34.1	28.0
1-1/4"	52.4	42.9	33.0
1-1/2"	58.0	48.9	36.0
2"	72.0	61.4	43.0
2-1/2"	87.0	74.1	50.0
3"	100.0	90.0	55.0
4"	125.5	115.7	64.0

K-06 Union Conical Joint F/F

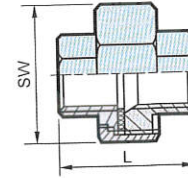
K-06A Union Flat Seat With Teflon Gasket F/F



K-06



K-06A



Unit: mm

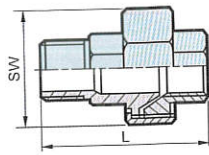
SIZE	L	SW
1/8"	29.0	25.0
1/4"	37.5	30.0
3/8"	38.0	35.0
1/2"	42.0	42.0
3/4"	50.4	47.0
1"	48.0	53.0
1-1/4"	59.0	71.0
1-1/2"	65.0	78.0
2"	69.0	92.0
2-1/2"	80.0	112.0
3"	88.0	126.0
4"	108.0	157.0

K-06B Union Conical Joint M/F

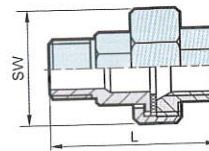
K-06C Union Flat Seat With Teflon Gasket M/F



K-06B



K-06C



Unit: mm

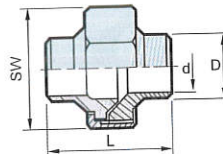
SIZE	L	SW
1/8"	40.0	25.0
1/4"	50.0	30.0
3/8"	50.0	35.0
1/2"	58.0	42.0
3/4"	67.0	47.0
1"	68.3	53.0
1-1/4"	83.0	71.0
1-1/2"	86.3	78.0
2"	94.0	92.0
2-1/2"	113.3	112.0
3"	127.0	126.0
4"	154.5	157.0

K-06D Union Conical Joint BW/BW

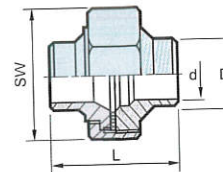
K-06E Union Flat Seat With Teflon Gasket BW/BW



K-06D



K-06E



Unit: mm

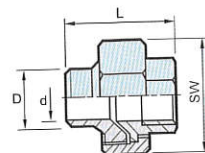
SIZE	L	SW	D	d
1/8"	29.0	25.0	10.2	8.1
1/4"	35.5	30.0	13.5	10.0
3/8"	38.0	35.0	17.2	12.7
1/2"	42.0	42.0	21.3	16.7
3/4"	50.4	47.0	26.9	21.5
1"	48.0	53.0	33.7	26.5
1-1/4"	59.0	71.0	42.4	35.8
1-1/2"	64.0	78.0	48.3	42.0
2"	69.0	92.0	60.3	53.3
2-1/2"	80.0	112.0	76.1	66.5
3"	88.0	126.0	88.9	78.5
4"	108.0	157.0	114.3	104.0

K-06F Union Conical Joint BW/F

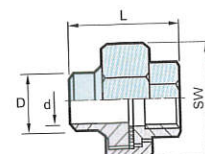
K-06G Union Flat Seat With Teflon Gasket BW/F



K-06F



K-06G



Unit: mm

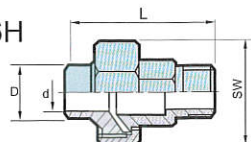
SIZE	L	SW	D	d
1/8"	29.0	25.0	10.2	8.1
1/4"	35.5	30.0	13.5	10.0
3/8"	38.0	35.0	17.2	12.7
1/2"	42.0	42.0	21.3	16.7
3/4"	50.4	47.0	26.9	21.5
1"	48.0	53.0	33.7	26.5
1-1/4"	59.0	71.0	42.4	35.8
1-1/2"	64.0	78.0	48.3	42.0
2"	69.0	92.0	60.3	53.3
2-1/2"	80.0	112.0	76.1	66.5
3"	88.0	126.0	88.9	78.5
4"	108.0	157.0	114.3	104.0

K-06H Union Conical Joint BW/M

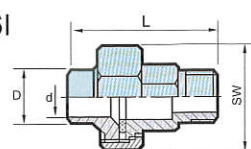
K-06I Union Flat Seat With Teflon BW/M



K-06H



K-06I



Unit: mm

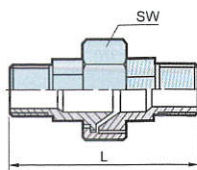
SIZE	L	SW	D	d
1/8"	40.0	25.0	10.2	8.1
1/4"	50.0	30.0	13.5	10.0
3/8"	50.0	35.0	17.2	12.7
1/2"	58.4	42.0	21.3	16.7
3/4"	66.0	47.0	26.9	21.5
1"	64.4	53.0	33.7	26.5
1-1/4"	83.0	71.0	42.4	35.8
1-1/2"	86.3	78.0	48.3	42.0
2"	94.0	92.0	60.3	53.3
2-1/2"	113.3	112.0	76.1	66.5
3"	126.3	126.0	88.9	78.5
4"	154.3	157.0	114.3	104.0

K-06J Union Conical Joint M/M

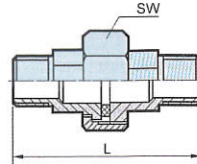
K-06K Union Flat Seat With Teflon Gasket M/M



K-06J



K-06K



Unit: mm

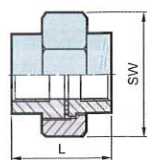
SIZE	L	SW
1/8"	52.0	25.0
1/4"	61.0	30.0
3/8"	62.5	35.0
1/2"	73.0	42.0
3/4"	82.0	47.0
1"	90.0	53.0
1-1/4"	104.0	71.0
1-1/2"	109.6	78.0
2"	118.0	92.0
2-1/2"	145.0	112.0
3"	164.0	126.0
4"	205.0	157.0

K-06L Union Flat Seat Inside/Inside Thread

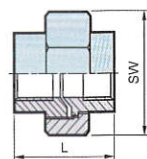
K-06O Union Conical Inside/Inside Thread



K-06L



K-06O



Unit: mm

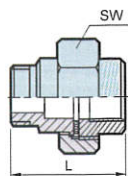
SIZE	L	SW
1/8"	37.5	28.5
1/4"	37.5	28.5
3/8"	39.6	33.0
1/2"	46.0	38.5
3/4"	48.1	46.0
1"	51.4	51.0
1-1/4"	59.5	63.5
1-1/2"	71.0	75.0
2"	76.5	92.0
2-1/2"	90.5	110.0
3"	90.0	120.0

K-06M Union Flat Seat Inside/Outside Thread

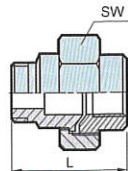
K-06P Union Conical Inside/Outside Thread



K-06M

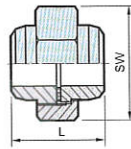
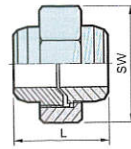


K-06P



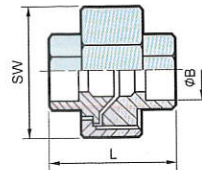
Unit: mm

SIZE	L	SW
1/4"	50.0	28.5
3/8"	52.5	33.0
1/2"	61.5	38.5
3/4"	64.5	46.0
1"	71.5	51.0
1-1/4"	82.0	63.5
1-1/2"	95.0	75.0
2"	103.0	92.0
2-1/2"	123.0	110.0
3"	125.5	120.0

K-06N Union Flat Seat Welded Ends**K-06Q Union Conical Welded Ends****K-06N****K-06Q**

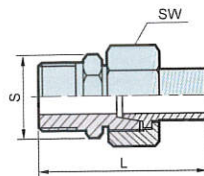
Unit: mm

SIZE	L	SW
1/8"	37.0	28.5
1/4"	37.0	28.5
3/8"	39.6	33.0
1/2"	46.0	38.5
3/4"	48.1	46.0
1"	51.4	51.0
1-1/4"	59.5	63.5
1-1/2"	71.0	75.0
2"	76.5	92.0
2-1/2"	90.5	110.0
3"	89.0	120.0

K-06R Union Conical Joint Sovket Weld

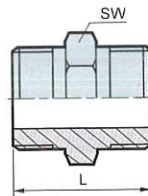
Unit: mm

SIZE	ØB	L	SW
1/8"	11.0	29.0	25.0
1/4"	14.4	37.5	30.0
3/8"	17.8	38.0	35.0
1/2"	22.0	42.0	42.0
3/4"	27.4	50.4	47.0
1"	34.1	48.0	53.0
1-1/4"	42.9	59.0	71.0
1-1/2"	48.9	65.0	78.0
2"	61.4	69.0	92.0
2-1/2"	74.1	80.0	112.0
3"	90.1	88.0	127.0
4"	115.7	108.0	157.0

K-06Y Union BW/M with Hexagon Nut

Unit: mm

SIZE	L	S	SW
1/2"	60.0	24.0	27.0
3/4"	66.5	32.0	36.0
1"	74.0	41.0	41.0
1-1/4"	80.8	46.0	50.0
1-1/2"	82.0	55.0	60.0
2"	93.0	65.0	70.0

K-071·072 Hexagon Nipple

Unit: mm

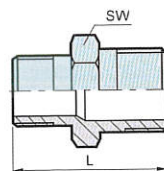
SIZE	L	SW
1/8"	23.6	12.0
1/4"	27.8	16.0
3/8"	28.0	19.0
1/2"	34.0	21.6
3/4"	40.0	30.0
1"	46.0	36.0
1-1/4"	52.5	46.0
1-1/2"	54.0	50.0
2"	62.0	64.5
2-1/2"	70.0	79.5
3"	78.4	90.0
4"	94.0	120.0

DIN/BSP

Unit: mm

SIZE	L	SW
1/8"	29.0	12.0
1/4"	32.5	17.0
3/8"	36.0	20.0
1/2"	42.5	26.0
3/4"	46.0	32.0
1"	51.5	38.0
1-1/4"	56.0	46.0
1-1/2"	60.0	52.5
2"	65.0	62.0
2-1/2"	80.0	79.0
3"	90.0	92.0
4"	107.0	118.0

PT/NPT

K-07A Hexagon Nipple Reducing

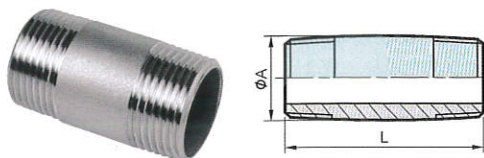
Unit: mm

SIZE	L	SW
1/4"x1/8"	34.0	18.0
3/8"x1/8"	35.0	21.0
3/8"x1/4"	34.0	21.0
1/2"x1/8"	34.0	26.0
1/2"x1/4"	34.0	26.0
1/2"x3/8"	41.0	26.0
3/4"x1/8"	37.0	30.0
3/4"x1/4"	37.0	30.0
3/4"x3/8"	37.0	30.0
3/4"x1/2"	45.0	30.0
1"x1/8"	39.0	35.0
1"x1/4"	39.0	35.0
1"x3/8"	40.0	35.0
1"x1/2"	43.2	35.0
1"x3/4"	50.0	37.0
1-1/4"x1/4"	45.0	46.0
1-1/4"x3/8"	46.0	46.0
1-1/4"x1/2"	48.0	46.0
1-1/4"x3/4"	52.0	46.0
1-1/4"x1"	54.0	46.0
1-1/2"x3/8"	48.0	50.0
1-1/2"x1/2"	49.0	50.0
1-1/2"x3/4"	53.0	50.0

Unit: mm

SIZE	L	SW
1-1/2"x1"	53.0	50.0
1-1/2"x1-1/4"	59.0	50.0
2"x1/2"	52.0	63.0
2"x3/4"	56.0	63.0
2"x1"	57.0	63.0
2"x1-1/4"	58.0	63.0
2"x1-1/2"	65.4	64.0
2-1/2"x3/4"	63.0	80.0
2-1/2"x1"	63.0	80.0
2-1/2"x1-1/4"	66.0	80.0
2-1/2"x1-1/2"	66.0	80.0
2-1/2"x2"	77.0	76.3
3"x1"	69.0	95.0
3"x1-1/4"	72.0	95.0
3"x1-1/2"	72.0	95.0
3"x2"	74.0	95.0
3"x2-1/2"	84.0	95.0
4"x1-1/2"	82.0	125.0
4"x2"	82.0	125.0
4"x2-1/2"	82.0	125.0
4"x3"	94.0	117.4

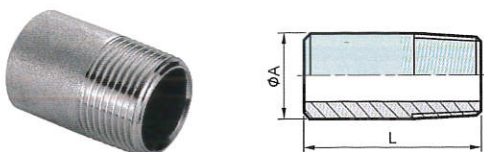
K-07B Barrel Nipple From Pipe



Unit: mm

SIZE	ϕA	L
1/8"	10.2	40.0
1/4"	13.5	40.0
3/8"	17.2	40.0
1/2"	21.3	60.0
3/4"	26.9	60.0
1"	33.7	60.0
1-1/4"	42.4	80.0
1-1/2"	48.3	80.0
2"	60.3	100.0
2-1/2"	76.1	120.0
3"	88.9	120.0
4"	114.3	150.0

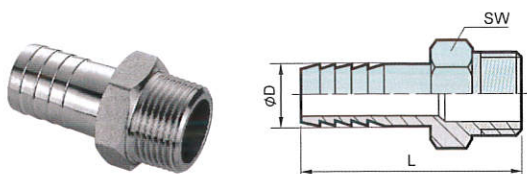
K-07C Welding Nipple From Pipe



Unit: mm

SIZE	ϕA	L
1/8"	10.2	30.0
1/4"	13.5	30.0
3/8"	17.2	30.0
1/2"	21.3	35.0
3/4"	26.9	40.0
1"	33.7	40.0
1-1/4"	42.4	50.0
1-1/2"	48.3	50.0
2"	60.3	50.0
2-1/2"	76.1	60.0
3"	88.9	70.0
4"	114.3	80.0

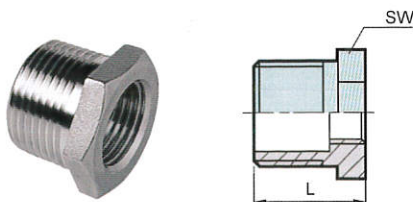
K-07D Hose Nipple



Unit: mm

SIZE	ϕD	L	SW
1/8"	4.50	45.0	12.5
1/4"	6.35	47.0	16.5
3/8"	9.50	55.0	20.0
1/2"	12.70	64.0	23.5
3/4"	19.05	68.0	31.0
1"	25.40	71.0	38.5
1-1/4"	31.80	80.0	46.0
1-1/2"	38.10	95.0	52.0
2"	50.80	105.0	62.0
2-1/2"	63.50	107.0	80.0
3"	76.20	112.0	91.0
4"	101.60	130.0	116.5

K-09 Hexagon Bushing M/F



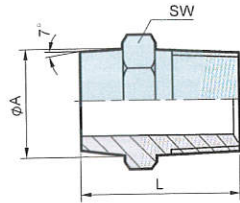
Unit: mm

SIZE	L	SW
1/4"x1/8"	15.2	16.0
3/8"x1/8"	16.5	18.0
3/8"x1/4"	16.5	18.0
1/2"x1/8"	21.0	26.0
1/2"x1/4"	21.0	26.0
1/2"x3/8"	21.0	26.0
3/4"x1/8"	24.0	30.0
3/4"x1/4"	24.0	30.0
3/4"x3/8"	24.0	30.0
3/4"x1/2"	24.0	30.0
1"x1/8"	27.0	35.0
1"x1/4"	27.0	35.0
1"x3/8"	27.0	35.0
1"x1/2"	27.0	35.0
1"x3/4"	27.0	35.0
1-1/4"x1/4"	30.0	45.0
1-1/4"x3/8"	30.0	45.0
1-1/4"x1/2"	30.0	45.0
1-1/4"x3/4"	30.0	45.0
1-1/4"x1"	30.0	45.0
1-1/2"x3/8"	38.0	52.0
1-1/2"x1/2"	38.0	52.0
1-1/2"x3/4"	38.0	52.0

Unit: mm

SIZE	L	SW
1-1/2"x1"	38.0	52.0
1-1/2"x1-1/4"	38.0	52.0
2"x1/4"	36.0	63.0
2"x3/8"	36.0	63.0
2"x1/2"	36.0	63.0
2"x3/4"	36.0	63.0
2"x1"	36.0	63.0
2"x1-1/4"	36.0	63.0
2"x1-1/2"	36.0	63.0
2-1/2"x1"	45.0	81.0
2-1/2"x1-1/4"	45.0	81.0
2-1/2"x1-1/2"	45.0	81.0
2-1/2"x2"	45.0	81.0
3"x1"	46.5	94.5
3"x1-1/4"	46.5	94.5
3"x1-1/2"	47.0	95.0
3"x2"	47.0	95.0
3"x2-1/2"	47.0	95.0
4"x1-1/4"	51.5	120.0
4"x1-1/2"	51.5	120.0
4"x2"	52.0	120.0
4"x2-1/2"	52.0	120.0
4"x3"	52.0	120.0

K-07E Hexagon Welding Nipple

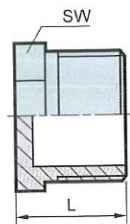


Unit: mm

SIZE	ØA	L	SW
1/8"	10.7	25.8	11.1
1/4"	14.0	30.6	14.3
3/8"	17.2	31.8	17.5
1/2"	20.7	36.4	22.2
3/4"	26.6	38.1	28.6
1"	32.9	42.9	34.9
1-1/4"	41.3	49.2	42.8
1-1/2"	48.8	54.0	50.8
2"	60.3	55.6	63.5
2-1/2"	76.1	70.0	80.0

K-08 Hexagon Plug, Taper (Conical) Thread

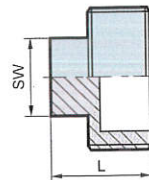
K-08A Hexagon Plug, Parallel (Cylinder) Thread



Unit: mm

SIZE	L	SW
1/8"	17.0	12.0
1/4"	17.5	16.0
3/8"	18.0	20.0
1/2"	25.0	24.0
3/4"	26.0	30.0
1"	29.0	38.0
1-1/4"	35.0	46.0
1-1/2"	38.0	52.0
2"	39.0	65.0
2-1/2"	44.0	81.0
3"	54.0	94.0
4"	55.0	119.0

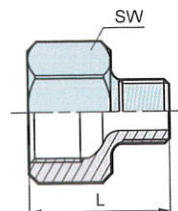
K-08B Square Plug



Unit: mm

SIZE	L	SW
1/8"	16.5	6x6
1/4"	20.0	9x9
3/8"	24.0	11x11
1/2"	25.0	13x13
3/4"	27.0	16x16
1"	32.0	20x20
1-1/4"	35.0	24x24
1-1/2"	36.0	25x25
2"	38.0	32x32
2-1/2"	48.0	42x42
3"	52.0	46x46
4"	62.0	58x58

K-09A Negative Hexagon Bushing M/F



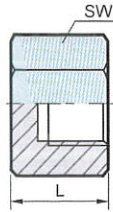
Unit: mm

SIZE	L	SW
1/4"x1/8"	27.0	17.0
3/8"x1/8"	29.0	21.0
3/8"x1/4"	30.5	21.0
1/2"x1/8"	32.5	26.0
1/2"x1/4"	34.0	26.0
1/2"x3/8"	34.5	26.0
3/4"x1/8"	33.5	32.0
3/4"x1/4"	35.0	32.0
3/4"x3/8"	35.5	32.0
3/4"x1/2"	38.5	32.0
1"x1/8"	36.5	38.0
1"x1/4"	38.0	38.0
1"x3/8"	38.5	38.0
1"x1/2"	41.0	38.0
1"x3/4"	44.0	38.0
1-1/4"x1/4"	40.0	50.0
1-1/4"x3/8"	40.0	50.0

Unit: mm

SIZE	L	SW
1-1/4"x1/2"	42.5	50.0
1-1/4"x3/4"	45.0	50.0
1-1/4"x1"	47.0	50.0
1-1/2"x1/4"	41.0	54.0
1-1/2"x3/8"	42.0	54.0
1-1/2"x1/2"	45.0	54.0
1-1/2"x3/4"	46.0	54.0
1-1/2"x1"	48.0	54.0
1-1/2"x1-1/4"	50.0	54.0
2"x1/4"	44.5	68.0
2"x3/8"	31.0	68.0
2"x1/2"	49.0	68.0
2"x3/4"	51.0	68.0
2"x1"	51.0	68.0
2"x1-1/4"	53.0	68.0
2"x1-1/2"	54.0	68.0

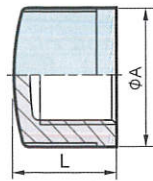
K-010 Hexagon Cap



Unit: mm

SIZE	L	SW
1/8"	13.0	15.0
1/4"	17.0	18.0
3/8"	19.0	21.0
1/2"	20.0	27.0
3/4"	24.0	30.0
1"	25.0	38.0
1-1/4"	28.0	50.0
1-1/2"	28.0	55.0
2"	34.0	70.0
2-1/2"	40.0	92.0
3"	45.0	109.0
4"	50.0	132.0

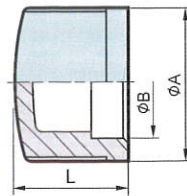
K-010A Round Cap Banded



Unit: mm

SIZE	φA	L
1/8"	18.0	15.0
1/4"	21.0	17.0
3/8"	24.0	17.0
1/2"	27.3	19.0
3/4"	35.0	24.0
1"	42.0	29.0
1-1/4"	52.0	33.0
1-1/2"	57.5	34.0
2"	69.3	38.0
2-1/2"	92.0	41.0
3"	106.0	47.0
4"	134.0	53.0

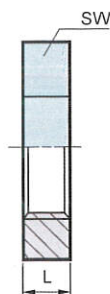
K-010B Round Cap Banded Socket Weld



Unit: mm

SIZE	φA	φB	L
1/8"	18.0	11.0	15.0
1/4"	21.0	14.4	17.0
3/8"	24.0	17.8	17.0
1/2"	27.3	22.0	19.0
3/4"	35.0	27.4	24.0
1"	42.0	34.1	29.0
1-1/4"	52.0	42.9	33.0
1-1/2"	57.5	48.9	34.0
2"	69.3	61.4	38.0
2-1/2"	92.0	74.1	41.0
3"	106.0	90.1	47.0
4"	134.0	115.7	53.0

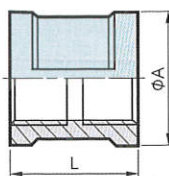
K-011 Backnut (Locknut)



Unit: mm

SIZE	L	SW
1/8"	6.2	14.6
1/4"	7.0	23.0
3/8"	8.0	26.0
1/2"	10.0	31.0
3/4"	11.0	37.0
1"	10.0	46.0
1-1/4"	11.0	55.0
1-1/2"	12.0	63.0
2"	13.0	76.0
2-1/2"	16.0	95.0
3"	19.0	105.0
4"	20.0	131.0

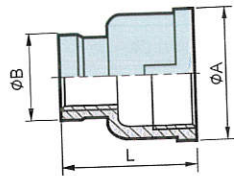
K-012 Socket (Coupling) Banded



Unit: mm

SIZE	φA	L
1/8"	16.0	24.0
1/4"	20.0	26.0
3/8"	25.0	29.0
1/2"	30.0	36.0
3/4"	37.2	38.0
1"	44.0	41.0
1-1/4"	52.0	49.0
1-1/2"	60.0	49.0
2"	72.0	55.0
2-1/2"	89.0	61.6
3"	104.0	71.0
4"	131.0	84.0

K-012A Socket (Coupling) Banded Reducing



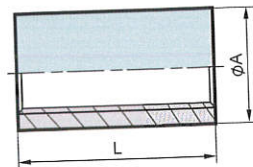
Unit: mm

SIZE	ϕA	ϕB	L
1/4"x1/8"	21.5	19.0	26.0
3/8"x1/8"	22.6	17.0	28.3
3/8"x1/4"	26.0	21.5	29.0
1/2"x1/8"	29.0	17.0	34.0
1/2"x1/4"	29.0	21.0	34.0
1/2"x3/8"	29.0	22.4	34.0
3/4"x1/8"	36.7	17.0	38.0
3/4"x1/4"	36.7	21.0	38.0
3/4"x3/8"	36.7	25.0	38.0
3/4"x1/2"	37.0	28.1	37.0
1"x1/8"	43.0	17.2	42.0
1"x1/4"	43.0	21.2	42.0
1"x3/8"	43.0	25.4	42.0
1"x1/2"	43.0	29.4	42.0
1"x3/4"	43.0	32.0	42.0
1-1/4"x1/4"	52.0	21.2	48.0
1-1/4"x3/8"	52.0	25.4	48.0
1-1/4"x1/2"	52.0	30.0	48.0
1-1/4"x3/4"	52.0	32.7	48.0
1-1/4"x1"	52.5	39.0	52.0
1-1/2"x3/8"	59.0	23.3	48.0
1-1/2"x3/4"	59.0	35.5	49.0
1-1/2"x1/2"	59.0	29.0	51.0

Unit: mm

SIZE	ϕA	ϕB	L
1-1/2"x1"	59.0	43.5	53.0
1-1/2"x1-1/4"	59.0	50.0	53.0
2"x1/2"	72.0	28.0	50.5
2"x3/4"	72.0	33.0	51.0
2"x1"	72.0	41.0	56.0
2"x1-1/4"	72.0	49.0	56.0
2"x1-1/2"	72.0	56.7	57.0
2-1/2"x3/4"	85.0	33.0	60.0
2-1/2"x1"	87.0	43.0	60.0
2-1/2"x1-1/4"	85.0	52.0	60.0
2-1/2"x1-1/2"	85.0	57.0	60.0
2-1/2"x2"	85.0	69.4	61.0
3"x1"	100.0	43.2	62.0
3"x1-1/4"	100.0	52.7	62.0
3"x1-1/2"	100.0	56.6	62.0
3"x2"	100.0	70.0	62.0
3"x2-1/2"	100.0	87.0	62.0
4"x1-1/4"	129.0	52.7	65.0
4"x1-1/2"	129.0	56.6	65.0
4"x2"	129.0	70.0	65.0
4"x2-1/2"	128.0	86.2	65.0
4"x3"	128.0	105.0	65.0

K-012B Socket (Coupling) Plain



Unit: mm

SIZE	ϕA	L
1/8"	16.0	18.0
1/4"	19.5	26.0
3/8"	22.3	27.0
1/2"	27.7	34.0
3/4"	33.6	36.0
1"	39.5	43.0
1-1/4"	48.3	48.0
1-1/2"	54.6	48.0
2"	66.3	56.0
2-1/2"	82.0	65.0
3"	100.5	71.0
4"	122.0	83.0

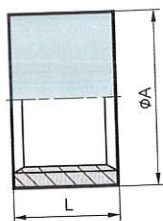
DIN/BSP

Unit: mm

SIZE	ϕA	L
1/8"	15.7	25.7
1/4"	19.7	28.0
3/8"	22.7	30.2
1/2"	28.3	35.0
3/4"	34.9	40.4
1"	42.0	43.7
1-1/4"	48.9	50.1
1-1/2"	57.0	56.6
2"	71.2	65.1
2-1/2"	86.3	74.0
3"	105.7	82.0
4"	131.3	94.5

PT/NPT

K-012C Half Socket (Half Coupling) Plain



Unit: mm

SIZE	ϕA	L
1/8"	16.0	11.0
1/4"	19.5	12.0
3/8"	22.3	13.0
1/2"	27.7	15.0
3/4"	32.6	17.4
1"	39.5	20.0
1-1/4"	48.3	22.0
1-1/2"	54.6	22.0
2"	66.3	26.0
2-1/2"	82.0	31.0
3"	95.0	34.0
4"	122.0	39.0

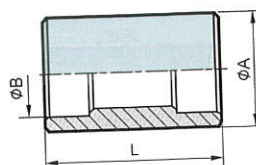
DIN/BSP

Unit: mm

SIZE	ϕA	L
1/8"	15.7	12.7
1/4"	20.0	14.6
3/8"	23.0	15.0
1/2"	27.8	17.9
3/4"	34.2	21.4
1"	42.1	22.3
1-1/4"	48.4	25.7
1-1/2"	56.4	28.6
2"	70.5	33.1
2-1/2"	86.0	37.8
3"	105.0	42.0
4"	132.0	48.5

PT/NPT

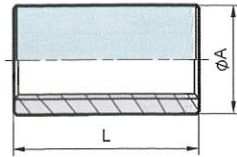
K-012D Socket (Coupling) Weld



Unit: mm

SIZE	ϕA	ϕB	L
1/8"	15.0	11.0	24.4
1/4"	18.8	14.4	26.9
3/8"	21.8	17.8	29.5
1/2"	26.7	22.0	34.0
3/4"	33.0	27.4	38.6
1"	40.9	34.1	42.4
1-1/4"	47.2	42.9	49.0
1-1/2"	55.1	48.9	54.9
2"	69.6	61.4	64.2
2-1/2"	84.6	74.1	73.2
3"	103.6	90.1	80.8
4"	127.0	115.7	92.5

K-012E Socket (Coupling) O.D. Machined



Unit: mm

SIZE	ϕA	ϕB	L
1/8"	15.0	17.0	
1/4"	18.5	25.0	
3/8"	21.3	26.0	
1/2"	26.4	34.0	
3/4"	31.8	36.0	
1"	39.5	43.0	
1-1/4"	49.3	48.0	
1-1/2"	55.5	48.0	
2"	69.0	56.0	
2-1/2"	87.0	65.0	
3"	103.5	71.0	
4"	129.0	83.0	

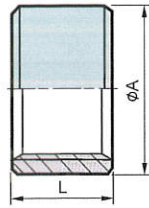
DIN/BSP

Unit: mm

SIZE	ϕA	ϕB	L
1/8"	15.0	24.4	
1/4"	18.8	26.9	
3/8"	21.8	29.5	
1/2"	26.7	34.0	
3/4"	33.0	38.6	
1"	40.9	42.4	
1-1/4"	47.2	49.0	
1-1/2"	55.1	54.9	
2"	69.6	64.2	
2-1/2"	84.6	73.2	
3"	103.6	80.8	
4"	127.0	92.5	

PT/NPT

K-012F Half Socket (Coupling) O.D. Machined



Unit: mm

SIZE	ϕA	ϕB	L
1/8"	15.0	10.0	
1/4"	18.5	11.0	
3/8"	21.3	12.0	
1/2"	26.4	15.0	
3/4"	31.8	17.0	
1"	39.5	20.0	
1-1/4"	48.3	22.0	
1-1/2"	54.5	22.0	
2"	69.0	26.0	
2-1/2"	87.0	31.0	
3"	100.0	34.0	
4"	126.0	39.0	

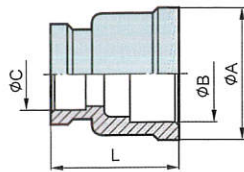
DIN/BSP

Unit: mm

SIZE	ϕA	ϕB	L
1/8"	15.0	12.2	
1/4"	18.8	13.5	
3/8"	21.8	14.8	
1/2"	26.7	17.0	
3/4"	33.0	19.3	
1"	40.9	21.2	
1-1/4"	47.2	24.5	
1-1/2"	55.1	27.5	
2"	69.6	32.1	
2-1/2"	84.6	36.6	
3"	103.6	40.4	
4"	129.0	46.9	

PT/NPT

K-012G Round Cap Banded Socket Weld



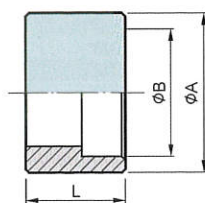
Unit: mm

SIZE	ϕA	ϕB	ϕC	L
1/4"x1/8"	21.3	14.1	10.7	26.8
3/8"x1/8"	25.0	17.5	10.7	28.0
3/8"x1/4"	26.0	17.5	14.1	28.7
1/2"x1/8"	29.0	21.7	10.7	34.0
1/2"x1/4"	29.0	21.7	14.1	34.0
1/2"x3/8"	29.0	21.7	17.5	34.0
3/4"x1/8"	36.7	27.1	10.7	38.0
3/4"x1/4"	36.7	27.1	14.1	38.0
3/4"x3/8"	36.7	27.1	17.5	38.0
3/4"x1/2"	37.0	27.1	21.7	37.0
1"x1/8"	43.0	33.8	10.7	42.0
1"x1/4"	43.0	33.8	14.1	42.0
1"x3/8"	43.0	33.8	17.5	42.0
1"x1/2"	43.0	33.8	21.7	42.0
1"x3/4"	43.0	33.8	27.1	42.0
1-1/4"x1/4"	52.0	42.6	14.1	48.0
1-1/4"x3/8"	52.0	42.6	17.5	48.0
1-1/4"x1/2"	52.0	42.6	21.7	48.0
1-1/4"x3/4"	52.0	42.6	27.1	48.0
1-1/4"x1"	52.8	42.6	33.8	51.5
1-1/2"x3/8"	59.0	48.6	17.5	48.0
1-1/2"x1/2"	59.0	48.6	21.7	49.0
1-1/2"x3/4"	59.0	48.6	27.1	51.0

Unit: mm

SIZE	ϕA	ϕB	ϕC	L
1-1/2"x1"	59.0	48.6	33.8	53.0
1-1/2"x1-1/4"	59.0	48.6	42.6	53.5
2"x1/2"	72.0	61.1	21.7	50.5
2"x3/4"	72.0	61.1	27.1	51.2
2"x1"	72.0	61.1	33.8	56.0
2"x1-1/4"	72.0	61.1	42.6	56.0
2"x1-1/2"	72.0	61.1	48.6	57.5
2-1/2"x3/4"	85.0	73.8	27.1	60.0
2-1/2"x1"	85.0	73.8	33.8	60.0
2-1/2"x1-1/4"	85.0	73.8	42.6	60.5
2-1/2"x1-1/2"	85.0	73.8	48.6	60.0
2-1/2"x2"	85.0	73.8	61.1	61.0
3"x1"	100.0	89.8	33.8	62.0
3"x1-1/4"	100.0	89.8	42.6	62.0
3"x1-1/2"	100.0	89.8	48.6	62.0
3"x2"	100.0	89.8	61.1	62.0
3"x2-1/2"	100.0	89.8	73.8	61.0
4"x1-1/4"	129.0	115.4	42.6	65.0
4"x1-1/2"	129.0	115.4	48.6	65.0
4"x2"	129.0	115.4	61.1	65.0
4"x2-1/2"	128.0	115.4	73.8	65.0
4"x3"	128.0	115.4	89.8	65.0

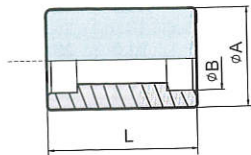
K-012H Half Socket (Half Coupling) Weld O.D. Machined



Unit: mm

SIZE	ϕA	ϕB	L
1/8"	15.0	10.7	12.2
1/4"	18.8	14.1	13.5
3/8"	21.8	17.5	14.8
1/2"	26.7	21.7	17.0
3/4"	33.0	27.1	19.3
1"	40.9	33.8	21.2
1-1/4"	47.2	42.6	24.5
1-1/2"	55.1	48.6	27.5
2"	69.6	61.1	32.1
2-1/2"	84.6	73.8	36.6
3"	103.6	89.8	40.4
4"	129.0	115.4	46.9

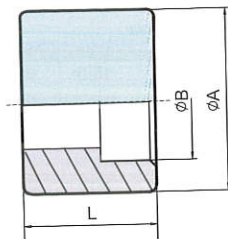
K-012I Socket (Coupling) Weld Plain



Unit: mm

SIZE	ϕA	ϕB	L
1/8"	16.0	11.0	26.0
1/4"	20.0	14.4	28.2
3/8"	23.0	17.8	30.8
1/2"	28.2	22.0	35.0
3/4"	34.8	27.4	40.3
1"	42.0	34.1	43.5
1-1/4"	48.5	42.9	50.0
1-1/2"	56.7	48.9	56.2
2"	70.5	61.4	65.0
2-1/2"	86.3	74.1	74.3
3"	105.0	90.1	82.0
4"	131.4	115.7	94.3

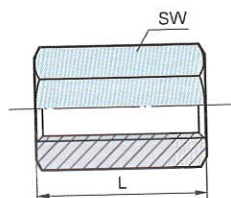
K-012J Half Socket (Half Coupling) Weld Plain



Unit: mm

SIZE	ϕA	ϕB	L
1/8"	15.8	11.0	13.0
1/4"	20.0	14.4	14.6
3/8"	23.0	17.8	15.0
1/2"	27.8	22.0	18.5
3/4"	34.1	27.4	21.5
1"	42.2	34.1	22.5
1-1/4"	48.5	42.9	25.7
1-1/2"	56.4	48.9	28.6
2"	70.8	61.4	33.1
2-1/2"	86.5	74.1	37.8
3"	105.7	90.1	42.5
4"	132.0	115.7	48.5

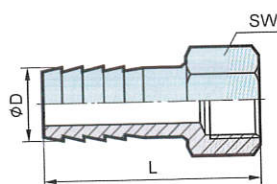
K-012K Hexagon Socket (Coupling) Plain



Unit: mm

SIZE	L	SW
1/8"	17.0	15.0
1/4"	25.0	17.0
3/8"	26.0	21.0
1/2"	34.0	26.0
3/4"	36.0	32.0
1"	43.0	38.0
1-1/4"	48.0	50.0
1-1/2"	48.0	54.0
2"	56.0	68.0

K-013 Hose Nipple Female



Unit: mm

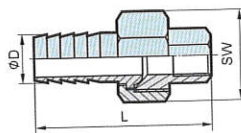
SIZE	ϕD	L	SW
1/8"	6.5	39.0	15.0
1/4"	9.0	42.0	19.0
3/8"	11.0	53.0	22.0
1/2"	14.0	62.0	27.0
3/4"	20.5	63.5	32.0
1"	27.0	66.0	38.0
1-1/4"	33.0	74.0	50.0
1-1/2"	39.5	87.5	55.5
2"	52.0	94.5	67.5

K-013A Union Conical Joint H/F

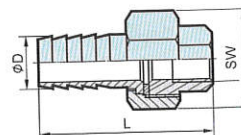
K-013B Union Flat Seat With Teflon Gasket H/F



K-013A



K-013B

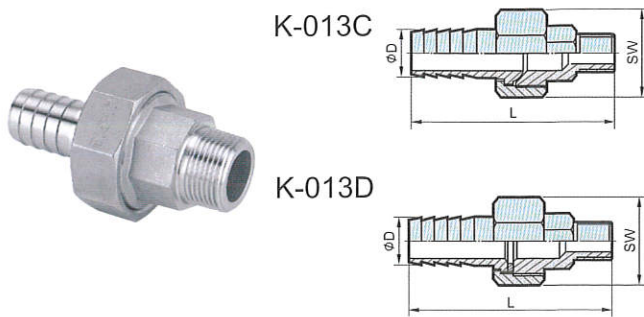


Unit: mm

SIZE	ϕD	L	SW
1/8"	6.5	41.0	25.0
1/4"	9.0	47.2	30.0
3/8"	11.0	54.5	35.0
1/2"	14.0	64.1	42.0
3/4"	20.5	70.0	47.0
1"	27.0	67.8	53.0
1-1/4"	33.0	81.8	71.0
1-1/2"	39.5	95.7	78.0
2"	52.0	105.4	92.0

K-013C Union Conical Joint H/M

K-013D Union Flat Seat With Teflon Gasket H/M

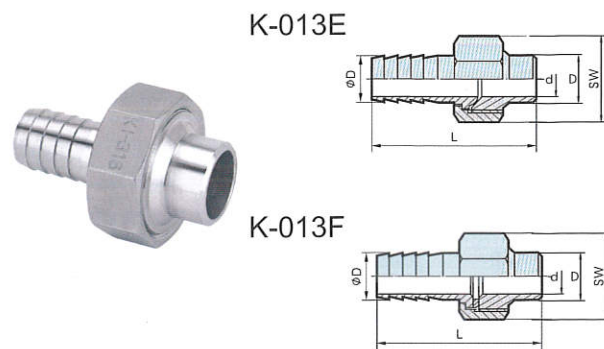


Unit: mm

SIZE	øD	L	SW
1/8"	6.5	52.9	25.0
1/4"	9.0	59.0	30.0
3/8"	11.0	67.5	35.0
1/2"	14.0	80.0	42.0
3/4"	20.5	85.7	47.0
1"	27.0	90.5	53.0
1-1/4"	33.0	103.5	71.0
1-1/2"	39.5	119.0	78.0
2"	52.0	130.0	92.0

K-013E Union Conical Joint H/BW

K-013F Union Flat Seat With Teflon Gasket H/BW

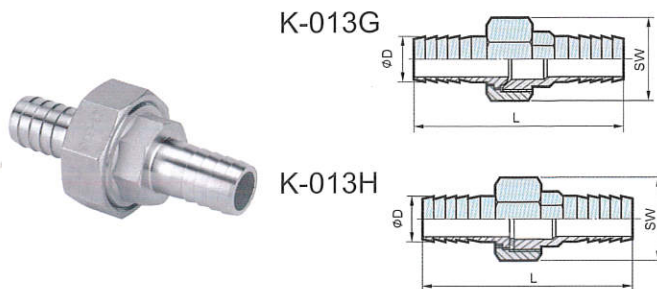


Unit: mm

SIZE	øD	L	SW	D	d
1/8"	6.5	41.0	25.0	10.2	8.1
1/4"	9.0	46.0	30.0	13.5	10.0
3/8"	11.0	54.5	35.0	17.2	12.7
1/2"	14.0	64.1	42.0	21.3	16.7
3/4"	20.5	70.0	47.0	26.9	21.5
1"	27.0	67.8	53.0	33.7	26.5
1-1/4"	33.0	81.8	71.0	42.4	35.8
1-1/2"	39.5	95.7	78.0	48.3	42.0
2"	52.0	105.4	92.0	60.3	53.3

K-013G Union Conical Joint H/H

K-013H Union Flat Seat With Teflon Gasket H/H

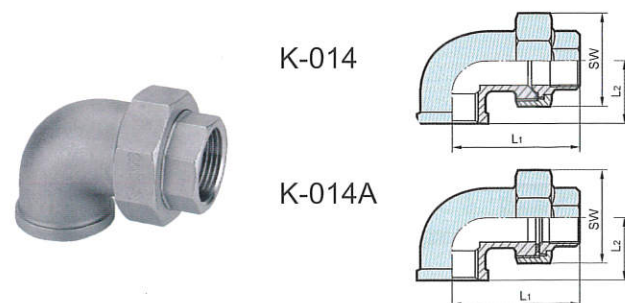


Unit: mm

SIZE	øD	L	SW
1/8"	6.5	60.7	25.0
1/4"	9.0	63.5	30.0
3/8"	11.0	82.5	35.0
1/2"	14.0	97.0	42.0
3/4"	20.5	99.7	47.0
1"	27.0	99.0	53.0
1-1/4"	33.0	118.0	71.0
1-1/2"	39.5	143.5	78.0
2"	52.0	156.0	92.0

K-014 Union Elbow Conical Joint F/F

K-014A Union Elbow Flat Seat With Teflon Gasket F/F

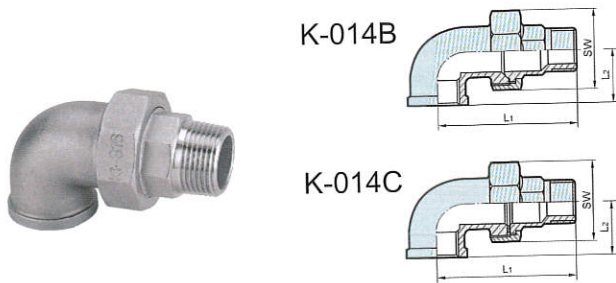


Unit: mm

SIZE	L ₁	L ₂	SW
1/8"	39.0	19.0	25.0
1/4"	46.2	21.0	30.0
3/8"	49.0	25.0	35.0
1/2"	56.0	28.0	42.0
3/4"	62.7	33.0	47.0
1"	68.0	38.0	53.0
1-1/4"	79.5	45.0	71.0
1-1/2"	88.0	50.0	78.0
2"	93.8	58.0	92.0

K-014B Union Elbow Conical Joint F/M

K-014C Union Elbow Flat Seat With Teflon Gasket F/M

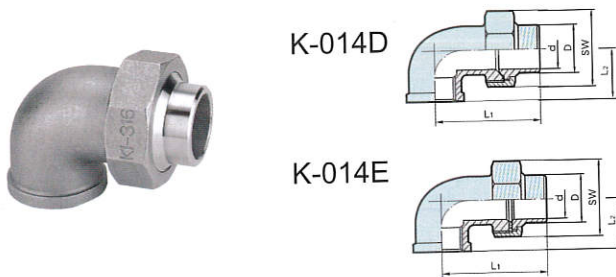


Unit: mm

SIZE	L ₁	L ₂	SW
1/8"	50.7	19.0	25.0
1/4"	58.6	21.0	30.0
3/8"	61.0	25.0	35.0
1/2"	71.0	28.0	42.0
3/4"	78.7	33.0	47.0
1"	88.4	38.0	53.0
1-1/4"	102.9	45.0	71.0
1-1/2"	110.3	50.0	78.0
2"	119.4	58.0	92.0

K-014D Union Elbow Conical Joint F/BW

K-014E Union Elbow Flat Seat With Teflon Gasket F/BW

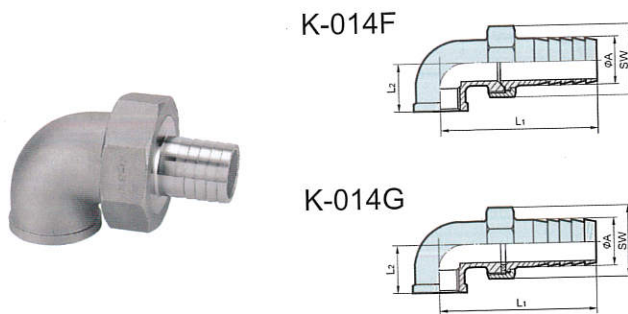


Unit: mm

SIZE	L ₁	L ₂	SW	D	d
1/8"	39.0	19.0	25.0	10.2	8.1
1/4"	46.2	21.0	30.0	13.5	10.0
3/8"	48.5	25.0	35.0	17.2	12.7
1/2"	54.6	28.0	42.0	21.3	16.7
3/4"	62.7	33.0	47.0	26.9	21.5
1"	68.0	38.0	53.0	33.7	26.5
1-1/4"	79.5	45.0	71.0	42.4	35.8
1-1/2"	88.0	50.0	78.0	48.3	42.0
2"	93.8	58.0	92.0	60.3	53.3

K-014F Union Elbow Conical Joint F/H

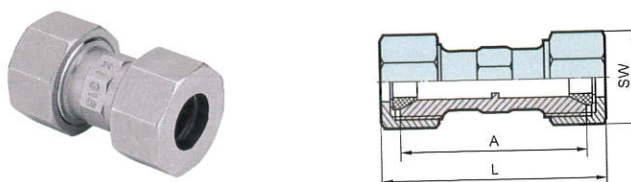
K-014G Union Elbow Flat Seat With Teflon Gasket F/H



Unit: mm

SIZE	L ₁	L ₂	ϕA	SW
1/8"	52.0	19.0	6.5	25.0
1/4"	56.0	21.0	9.0	30.0
3/8"	67.0	25.0	11.0	35.0
1/2"	77.5	28.0	14.0	42.0
3/4"	82.0	33.0	20.5	47.0
1"	88.0	38.0	27.0	53.0
1-1/4"	101.7	45.0	33.0	71.0
1-1/2"	119.5	50.0	39.5	78.0
2"	130.4	58.0	52.0	92.0

K-015 Double Compression Union

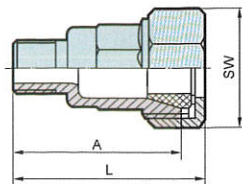


Unit: mm

Unit: mm

SIZE (ϕ D)			A	L	SW
1/8"	12	1/4"	50.0	70.0	32.0
15	3/8"	18	50.0	70.0	36.0
20	1/2"	22	54.0	75.0	42.0
25	3/4"	28	62.0	80.0	50.0
30	1"	35	67.0	85.0	60.0
38.1	42	1-1/4"	70.0	85.0	69.0
44.5		1-1/2"	70.0	90.0	78.0
50.8		54.0	80.0	100.0	81.0
2"		63.5	80.0	100.0	92.0

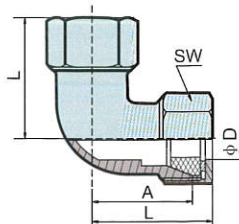
K-015A Single Compression Union Male Thread



Unit: mm

SIZE (φD)			A	L	SW
1/8"			35.5	45.5	32.0
12	1/4"		38.5	48.5	32.0
15	3/8"	18	39.0	49.0	36.0
20	1/2"	22	45.0	55.5	42.0
25	3/4"	28	50.5	59.5	50.0
30	1"	35	55.0	64.0	60.0
38.1	42	1-1/4"	60.0	68.0	69.0
44.5		1-1/2"	60.0	70.0	77.0
50.8	54.0		65.0	75.0	81.0
2"	63.5		69.0	79.0	92.0

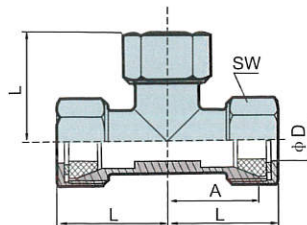
K-015B Elbow 90 Compression Union



Unit: mm

SIZE (φD)				A	L	SW
10.0	12.0	13.5	14.0	35.5	45.0	32.0
15.0	16.0	17.2	18.0	36.5	46.0	36.0
20.0	21.3	22.0		40.5	50.5	42.0
25.0	26.9	28.0		45.5	54.0	50.0
30.0	33.7	35.0		51.0	60.0	60.0
38.0	42.0	42.4		56.0	63.5	69.0
44.5		48.3		60.5	70.0	77.0
50.8		54.0		62.5	72.0	81.0
60.3		63.5		68.5	78.0	92.0

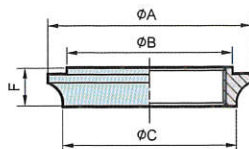
K-015C Tee Compression Union



Unit: mm

SIZE (φD)				A	L	SW
10.0	12.0	13.5	14.0	35.5	45.0	32.0
15.0	16.0	17.2	18.0	36.5	46.0	36.0
20.0	21.3	22.0		40.5	50.5	42.0
25.0	26.9	28.0		45.5	54.0	50.0
30.0	33.7	35.0		51.0	60.0	60.0
38.0	42.0	42.4		56.0	63.5	69.0
44.5		48.3		60.5	70.0	77.0
50.8		54.0		62.5	72.0	81.0
60.3		63.5		68.5	78.0	92.0

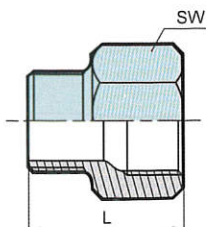
K-016 Welding Spud



Unit: mm

SIZE	φA	φB	φC	F
1/8"	34.7	21.0	17.8	12.0
1/4"	37.5	24.6	20.1	13.5
3/8"	40.8	24.7	23.2	13.0
1/2"	44.5	28.8	27.9	14.9
3/4"	48.5	33.8	33.0	16.9
1"	56.6	42.9	42.0	19.7
1-1/4"	65.6	49.1	51.9	19.0
1-1/2"	71.5	55.5	56.5	20.1
2"	86.0	68.0	71.0	22.0
2-1/2"	98.6	79.8	81.7	24.8
3"	114.4	93.2	97.0	24.0
4"	143.5	119.0	124.5	26.7

K-017 Adaptor M/F



Unit: mm

SIZE	L	SW
1/8"	26.0	15.0
1/4"	28.5	17.0
3/8"	31.0	21.0
1/2"	37.5	26.0
3/4"	41.0	32.0
1"	46.0	38.0
1-1/4"	49.0	50.0
1-1/2"	51.0	54.0
2"	57.0	68.0

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