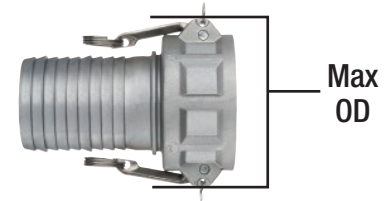


These charts list the maximum outside dimension of various KOA Couplings in order to assist with determining whether the coupling will fit through the crimper opening.



Camlock, Female

AL-C, BR-C, SS-C, SS304-C, PPC & GRC Series*

Size (in)	OD of Largest Dim. (mm)
1/2	38.5
3/4	52.6
1	62.2
1 1/4	80.2
1 1/2	87.8
2	97.2
2 1/2	109.9
3	137.1
4	165.0
5	191.1
6	240.0
8	289.0
10	327.0

Camlock, Male

AL-E, BR-E, SS-E, SS304-E, PPE & GRE Series*

Size (in)	OD of Largest Dim. (mm)
1/2	30.2
3/4	34.0
1	40.0
1 1/4	50.0
1 1/2	60.0
2	68.0
2 1/2	82.0
3	100.0
4	130.0
5	154.0
6	183.0
8	231.0
10	263.0

Ball & Socket, Female (Type B)

SLB-FH Series*

Size (in)	OD of Largest Dim. (mm)
2	83.0
3	117.0
4	166.0
6	159.0
8	267.0
10	346.0
12	401.0

Ball & Socket, Male (Type B)†

SLB-MH Series with SLB-LR Lever Handle*

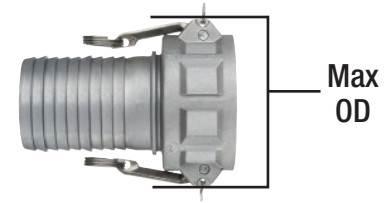
Size (in)	OD of Largest Dim. (mm)
2	158.0
3	190.0
4	295.0
6	320.0
8	380.0
10	485.0
12	528.0

†Measured over locking ring

* For additional information on these products refer to the Kuriyama Couplings Catalog or www.kuriyama.com

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These charts list the maximum outside dimension of KOA Couplings in order to assist with determining whether the coupling will fit through the crimper opening.



Ball & Socket, Female (Type A)

SLA-FH Series*

Size (in)	OD of Largest Dim. (mm)
10	492.0
12	600.0

Ball & Socket, Male (Type A)

SLA-MH Series*

Size (in)	OD of Largest Dim. (mm)
10	358.0
12	446.0

Sanitary, Tri-Clamp

TCS-SS Series*

Size (in)	OD of Largest Dim. (mm)
1	50.5
1 1/2	50.5
2	64.0
2 1/2	77.5
3	91.0
4	119.0

Sanitary, I-Line

FILS-SS & MILS-SS Series*

Size (in)	OD of Largest Dim. (mm)
1 1/2	50.8
2	67.0
2 1/2	84.0
3	98.5
4	123.9

Sanitary Bevel Seat, Female†

FBS-SS Series with HNS Hex Nut*

Size (in)	OD of Largest Dim. (mm)
1	46.0
1 1/2	61.1
2	76.2
2 1/2	91.3
3	106.4
4	137.6

Sanitary Bevel Seat, Male

MBS-SS Series*

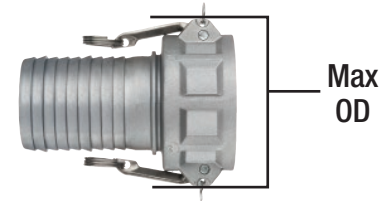
Size (in)	OD of Largest Dim. (mm)
1	37.1
1 1/2	50.7
2	64.2
2 1/2	77.7
3	91.2
4	119.3

*Measured over nut OD

* For additional information on these products refer to the Kuriyama Couplings Catalog or www.kuriyama.com

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Nipples

STN, SPN, HEX-STN, HEX, SPN, GEN, SSN304, SSN, PPN and GRN Series*

Size (in)	OD of Largest Dim. (mm)
1/2	21.3
3/4	26.7
1	33.4
1 1/4	42.2
1 1/2	48.3
2	60.3
2 1/2	73.1
3	101.6
4	114.3
6	168.3
8	219.1
10	273.0
12	323.8

Pin Lugs, Female†

AB, BB, ABF, FHNST and FHNST-F Series*

Size (in)	OD of Largest Dim. (mm)
1 1/2	81.0
2	90.6
2 1/2	114.5
3	123.0
4	157.0
6	216.8

†Measured over swivel nut

Concrete Couplings

CHC-CA Series*

Size (in)	OD of Largest Dim. (mm)
2	88.9
2 1/2	108.0
3	127.0
4	159.0
5	193.8

Ground Joints, Female†

GJ & SHGJ-CR Series with Wingnut*

Size (in)	OD of Largest Dim. (mm)
1/2	59.5
3/4	89.0
1	111.8
1 1/4	111.8
1 1/2	145.5
2	145.5
2 1/2	180.0
3	204.5
4	242.0

†Measured over wingnut OD

Ground Joints, Male

GJM & D-XXXX-MNPT Series*

Size (in)	OD of Largest Dim. (mm)
1/2	21.8
3/4	27.7
1	34.2
1 1/4	41.6
1 1/2	45.8
2	58.9
2 1/2	73.0
3	87.9
4	113.3

* For additional information on these products refer to the Kuriyama Couplings Catalog or www.kuriyama.com

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