

DK-LOK®

PRODUCT INFORMATION

What We Stock



Twin Series Tube Clamp



Standard Series Tube Clamp

304L / 316L Stainless Steel Tubing

About

Due to its excellent general corrosion resistance, high strength-to-weight ratio and remarkable ductility, stainless steel has become the predominant material choice for hydraulic and instrumentation tubing.

The two grades of stainless steel tubing that are most commonplace are dual certified 304/L and 316/L. These commodity grades can be found in use in a multitude of applications within countless industries worldwide.

Whether it be seamless or welded, domestic or import, or 20 foot sticks or long length coils, stainless steel tubing is our core competency. It's not only in our name, it's at the heart of what we do.

Fabrication

304/L and 316/L stainless steel has excellent fabrication properties. Its malleability allows it to be easily formed for flaring, bending and coiling. Good machinability and the low sulfur content promotes excellent weldability in applications requiring it.

Chemical Composition % (Max.) – 304/L UNS S30400, UNS 30403

Cr	Ni	Mn	Si	P	C	S	Mn
<i>Chromium</i>	<i>Nickel</i>	<i>Manganese</i>	<i>Silicon</i>	<i>Phosphorous</i>	<i>Carbon</i>	<i>Sulfur</i>	<i>Molybdenum</i>
18.0 - 20.0	8.0 - 12.0	2.0	0.75	0.045	0.030	0.030	0.0

Product Specifications

ASME SA213 / ASTM A213 (Seamless)
ASME SA249 / ASTM A249 (Welded)
ASTM A269

Chemical Composition % (Max.) – 316/L UNS S31600, UNS 31603

Cr	Ni	Mo	Mn	Si	P	C	S
<i>Chromium</i>	<i>Nickel</i>	<i>Molybdenum</i>	<i>Manganese</i>	<i>Silicon</i>	<i>Phosphorous</i>	<i>Carbon</i>	<i>Sulfur</i>
16.0 - 18.0	10.0 - 14.0	2.0 - 3.0	2.0	1.0	0.045	0.035	0.030

Size Range

Outside Diameter (OD)	Wall Thickness
0.0625" - 4.0000"	0.010" - 0.375"

Dimensional Tolerances

OD	OD Tolerance	Wall Tolerance
Up to .5"	+/- .005"	+/- 15%
.5" - 1.5" excl	+/- .005"	+/- 10%
1.5" - 3.5" excl	+/- .010"	+/- 10%
3.5" - 5.5" excl	+/- .015"	+/- 10%

DK-LOK® USA

■ 3350 SpringHill Ave., Mobile, AL 36607 ■ T: (251) 472-9580 ■ F: (251) 450-0962 ■ Toll Free: (800) 328-5803

ORDERING INFORMATION

Twin Series

Twin Series – Hexagon Head Bolt

Order Format: Code
Order Example: XTE CF3
Order Translation: Hexagon Head Bolt XTE, M8x45 Thread, Stainless Steel A4

Code **Thread (DxL)**
 TE CF1 // XTE CF1 M6x35 // (1/4-20 UNCx1-3/8")
 TE CF2 // XTE CF2 M8x35 // (5/16-18 UNCx1-3/8")
 TE CF3 // XTE CF3 M8x45 // (5/16-18 UNCx1-3/4")
 TE CF5 // XTE CF5 M8x60 // (5/16-18 UNCx2-1/2")
TE denotes Steel 8.8 material.
XTE denotes Stainless Steel A4 material.



Twin Series – Upper Plate

Order Format: Code
Order Example: PS CF5
Order Translation: Upper Plate, 102.5 mm, Carbon Steel S 235 JR

Code **Length**
 PS CF1 // XPS CF1 34.5 mm (1.35")
 PS CF2 // XPS CF2 52 mm (2.05")
 PS CF3 // XPS CF3 64 mm (2.51")
 PS CF5 // XPS CF5 102.5 mm (4.03")
PS denotes Carbon Steel S 235 JR material.
XPS denotes Stainless Steel AISI 316L material.



Twin Series – Clamp Body

Order Format: Code // O.D. Number // Material
Order Example: CF5 L - 33.7 - PA
Order Translation: Clamp Body L (smooth), 33.7 mm, Polyamide

Code **O.D. (mm)**
 CF1 // CF1 L 6 // 6.4 // 8 // 9.5 // 10 // 12 // 12.7
 CF2 // CF2 L 12.7 // 13.5 // 14 // 15 // 16 // 17.2 // 18
 CF3 // CF3 L 19 // 20 // 21.3 // 22 // 23 // 24 // 25 // 25.4
 CF5 // CF5 L 32 // 33.7 // 35 // 38 // 40 // 42.4

CF denotes a knurled internal surface.
CF L denotes a smooth internal surface, without tension clearance.

Material

PP Polypropylene (Blue)
 PA Polyamide (Black)
 GM Rubber Elastomer (Black)
 AU Self-extinguishing Polypropylene (White)
 AL Aluminum (Uncolored)

(PP) Polypropylene can be ordered in colors other than blue. Available upon request.



Twin Series – Single Weld Plate

Order Format: Code
Order Example: P CF2
Order Translation: Single Weld Plate, 55 mm, Carbon Steel S 235 JR

Code **Length**
 P CF1 // XP CF1 37 mm (1.46")
 P CF2 // XP CF2 55 mm (2.17")
 P CF3 // XP CF3 70 mm (2.76")
 P CF5 // XP CF5 110 mm (4.33")
P denotes Carbon Steel S 235 JR material.
XP denotes Stainless Steel AISI 316L material.



Standard Series

Standard Series – Hexagon Head Bolt

Order Format: Code
Order Example: VE9
Order Translation: Hexagon Head Bolt VE, M6x125 Thread, Steel 8.8

Code **Thread (DxL)**
 VE1 // XVE1 M6x30 // (1/4-20 UNCx1-1/4")
 VE2 // XVE2 M6x30 // (1/4-20 UNCx1-1/4")
 VE3 // XVE3 M6x35 // (1/4-20 UNCx1-3/8")
 VE4 // XVE4 M6x40 // (1/4-20 UNCx1-1/2")
 VE5 // XVE5 M6x45 // (1/4-20 UNCx1-7/8")
 VE6 // XVE6 M6x60 // (1/4-20 UNCx2-3/8")
 VE7 // XVE7 M6x70 // (1/4-20 UNCx2-3/4")
 VE8 // XVE8 M6x100 // (1/4-20 UNCx4")
 VE9 // XVE9 M6x125 // (1/4-20 UNCx4-7/8")
VE denotes Steel 8.8 material.
XVE denotes Stainless Steel A4 material.



Standard Series – Upper Plate

Order Format: Code
Order Example: XPS3
Order Translation: Upper Plate, 40.5 mm, Stainless Steel AISI 316L

Code **Length**
 PS1 // XPS1 27.5 mm (1.08")
 PS2 // XPS2 34.5 mm (1.36")
 PS3 // XPS3 40.5 mm (1.59")
 PS4 // XPS4 48 mm (1.89")
 PS5 // XPS5 56.5 mm (2.22")
 PS6 // XPS6 69.5 mm (2.74")
 PS7 // XPS7 85.5 mm (3.36")
 PS8 // XPS8 118 mm (4.65")
 PS9 // XPS9 144 mm (5.67")

PS denotes Carbon Steel S 235 JR material.
XPS denotes Stainless Steel AISI 316L material.



Standard Series – Clamp Body

Order Format: Code // O.D. Number // Material
Order Example: C8 - 60.3 - A
Order Translation: Clamp Body C (profiled), 60.3 mm, Aluminum

Code **O.D. (mm)**
 C1 // C1 L 6 // 6.4 // 8 // 9.5 // 10 // 12 // 12.7
 C2 // C2 L 6 // 6.4 // 8 // 9.5 // 10 // 12 // 12.7
 C3 // C3 L 12.7 // 13.5 // 14 // 15 // 16 // 17.2 // 18
 C4 // C4 L 19 // 20 // 21.3 // 22 // 23 // 25 // 25.4
 C5 // C5 L 26.9 // 28 // 29 // 30 // 32
 C6 // C6 L 32 // 33.7 // 35 // 38 // 40 // 42.4 // 45
 C7 // C7 L 44.5 // 45 // 48.3 // 50 // 50.8 // 53 // 54
 C8 // C8 L 57.2 // 60.3 // 63.5 // 66 // 70 // 73 // 76.1
 C9 // C9 L 83.5 (C9 only) // 88.9 // 102

C (1-7) denotes a knurled internal surface.
C (8-9) denotes a profiled internal surface.
C L (1-9) denotes a smooth internal surface, without tension clearance.

Material

PP Polypropylene (Blue)
 PA Polyamide (Black)
 GM Rubber Elastomer (Black)
 AU Self-extinguishing Polypropylene (White)
 A Aluminum (Uncolored)

(PP) Polypropylene can be ordered in colors other than blue. Available upon request.



Standard Series – Single Weld Plate

Order Format: Code
Order Example: XP7
Order Translation: Single Weld Plate, 88 mm, Stainless Steel AISI 316L

Code **Length**
 P1 // XP1 31.5 mm (1.24")
 P2 // XP2 36 mm (1.42")
 P3 // XP3 42 mm (1.65")
 P4 // XP4 50 mm (1.97")
 P5 // XP5 60 mm (2.36")
 P6 // XP6 71 mm (2.80")
 P7 // XP7 88 mm (3.46")
 P8 // XP8 122 mm (4.80")
 P9 // XP9 148 mm (5.83")

P denotes Carbon Steel S 235 JR material.
XP denotes Stainless Steel AISI 316L material.



Size Conversion Chart – Metric to Imperial

Metric (mm)	6	6.4	8	9.5	10	12	12.7	13.5	14
Imperial (in)	0.236"	0.252"	0.315"	0.374"	0.394"	0.472"	0.5"	0.531"	0.551"
	15	16	17.2	18	19	20	21.3	22	23
	0.591"	0.63"	0.678"	0.709"	0.748"	0.787"	0.839"	0.866"	0.906"
	24	25	25.4	26.9	28	29	30	32	33.7
	0.945"	0.984"	1"	1.059"	1.102"	1.142"	1.181"	1.26"	1.327"
	35	38	40	42.4	44.5	45	48.3	50	50.8
	1.378"	1.496"	1.575"	1.669"	1.752"	1.772"	1.902"	1.969"	2"
	53	54	57.2	60.3	63.5	66	70	73	76.1
	2.087"	2.126"	2.252"	2.374"	2.5"	2.598"	2.756"	2.874"	2.996"
	83.5	88.9	102	*If size not found; Divide mm by 25.4 to get inches.					
	3.287"	3.5"	4.016"						