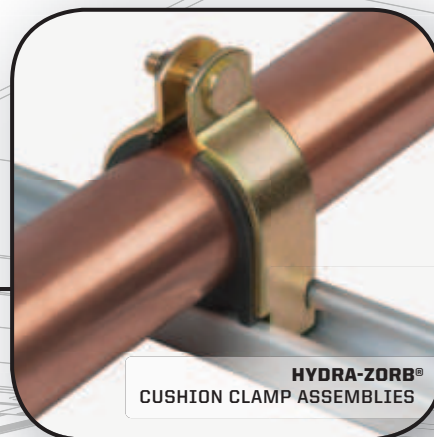


THE ORIGINAL CUSHION CLAMP | SINCE 1966

**HYDRA-
ZORB®**



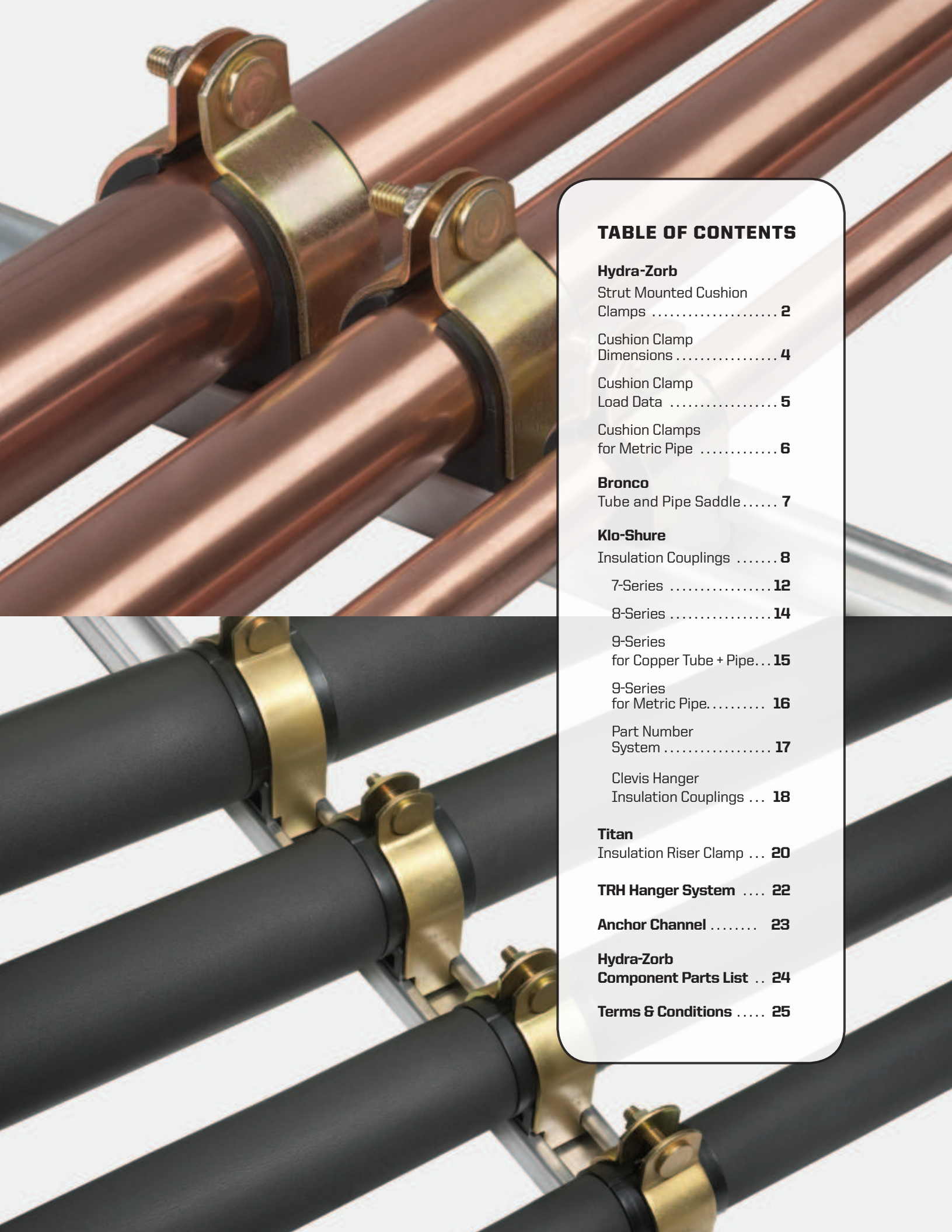


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Hydra-Zorb Co. has been the leader in the strut mounted clamp market for over 50 years, offering a wide variety of solutions when shock, vibration and corrosion are a problem.

As the originator of the cushion clamp assembly, Hydra-Zorb is the name to request in the fluid power, pneumatic, HVAC, refrigeration, and plumbing/mechanical industries.

Hydra-Zorb employs cutting-edge technology to manufacture quality products right here in the USA. Moving manufacturing overseas may be easier. It may be cheaper. But that doesn't mean everyone is doing it. Hydra-Zorb built a new 52,000 square-foot manufacturing facility, **to manufacture all of our products in the USA, saving our customers time and shipping expenses.**

We offer custom fabricating services as well. You can count on us to provide you with excellent quality, paired with timely and courteous service. When it comes to needing specialized custom fabricating, please contact our factory and let us take care of your unique needs.

We look forward to working with you.

The Hydra-Zorb Team

STRUT MOUNTED CUSHION CLAMP



Features:

- **Made in USA**
- **Classified 2043 (25/50) for use in plenums and air handling systems**
- Clamps are 1008-1010 carbon steel
- Eliminate shock and vibration
- Studs are projection welded
- Nylon insert locknut
- Resist most fuels, oils, gases, greases, solvents, mineral acids and other harsh materials
- Allow fluid conductors to be added or removed from installations without disturbing adjacent lines
- Assembled or disassembled with a single hand or power wrench for fast and simple installation
- Permit various size lines to be mixed to suit installation
- All metal components have a Tri-Valent (non-hex) plating
- Available in 304 and 316 stainless steel and aluminum
- Cushion material is a thermoplastic elastomer
- Temperature rating: -65°F to +275°F

PART NUMBER SYSTEM

Ordering is simple. First, determine if you require tube or pipe series. Second, determine the size of line to be clamped. That's it.

Example for 3/4" O.D.
tube assembly:

SERIES	DECIMAL INCH
100	075

Example for 2-1/2"
nominal pipe assembly:

SERIES	DECIMAL INCH
200	250

All standard clamp assemblies consist of a 6-digit part number. A complete listing of part numbers for the pipe and tube series is on pages 5-6. The clamp assemblies are shown by series 100 and 200 as:

100 = TUBE (O.D. Tube)

200 = PIPE (Nominal Pipe)

Cushion Size is indicated by decimal inch. See examples above.

ADDITIONAL MATERIALS

These are commonly requested materials for special applications.
Just add one of the following suffix numbers to your 6-digit part number.

SERIES	DECIMAL INCH	SUFFIX	
_____	_____	- 4 - 555	304 stainless steel clamps 304 stainless stud (welded) 304 locknut
_____	_____	- 4 - 565	304 stainless steel clamps 316 hex head bolt (loose) 304 locknut
_____	_____	- 4 - 655	316 stainless steel clamps 304 stainless stud (welded) 304 locknut
_____	_____	- 4 - 666	316 stainless steel clamps 316 hex head bolt (loose) 316 locknut
_____	_____	- 4 - 865	aluminum (5052) clamps* 316 hex head bolt (loose) 304 locknut

* Special Orders Only



CUSHION CLAMP DIMENSIONS

TUBE

PART NO.	O.D.	A	B	C	*D
100025	1/4"	1.11	.22	.075	.62
100031	5/16"	1.24	.28	.075	.75
100037	3/8"	1.24	.28	.075	.75
100047	.47"	1.36	.34	.075	.87
100050	1/2"	1.36	.34	.075	.87
100062	5/8"	1.50	.41	.075	1.00
100075	3/4"	1.78	.53	.075	1.33
100087	7/8"	1.91	.58	.075	1.45
100100	1"	2.03	.66	.075	1.66
100112	1-1/8"	2.16	.72	.075	1.79
100119	1.19"	2.30	.72	.105	1.92
100125	1-1/4"	2.30	.78	.105	1.92
100137	1-3/8"	2.75	.91	.119	2.22
100150	1-1/2"	2.75	.91	.119	2.22
100162	1-5/8"	3.03	1.03	.119	2.47
100175	1-3/4"	3.03	1.03	.119	2.47
100187	1-7/8"	3.28	1.16	.119	2.47
100200	2"	3.28	1.16	.119	2.72
100212	2-1/8"	3.53	1.28	.119	2.97
100225	2-1/4"	3.78	1.41	.119	3.22
100237	2-3/8"	3.78	1.41	.119	3.22
100251	2-1/2"	4.03	1.53	.119	3.47
100262	2-5/8"	4.03	1.53	.119	3.47
100300	3"	4.52	1.78	.119	3.97
100312	3-1/8"	4.52	1.78	.119	3.97
100362	3-5/8"	5.03	2.03	.119	4.47
100412	4-1/8"	5.66	2.34	.119	5.09
100500	5"	6.75	2.81	.119	6.25
100512	5-1/8"	6.75	2.81	.119	6.25
100600	6"	7.75	3.31	.119	7.50
100612	6-1/8"	7.75	3.31	.119	7.50

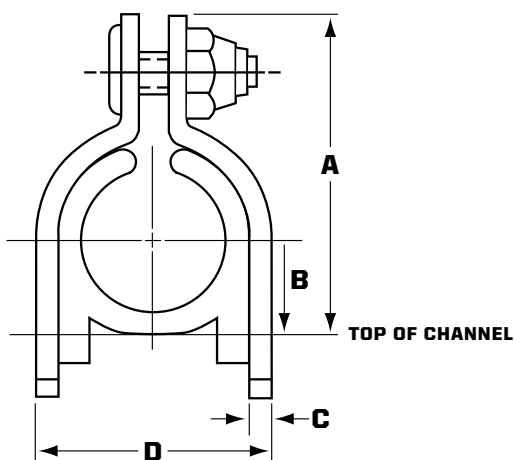
* Minimum Required Installation Dimension

NOMINAL PIPE

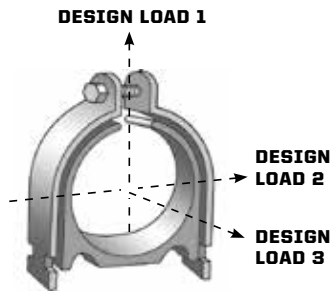
PART NO.	I.P.S.	A	B	C	*D
200025	1/4"	1.41	.63	.075	.91
200037	3/8"	1.59	.45	.075	1.07
200050	1/2"	1.91	.59	.075	1.45
200075	3/4"	2.16	.72	.075	1.79
200100	1"	2.75	.91	.119	2.22
200125	1-1/4"	3.03	1.03	.119	2.47
200150	1-1/2"	3.28	1.16	.119	2.47
200200	2"	3.78	1.41	.119	3.22
200250	2-1/2"	4.27	1.66	.119	3.72
200300	3"	4.91	1.97	.119	4.63
200350	3-1/2"	5.53	2.28	.119	4.97
200400	4"	6.03	2.53	.119	5.47
200500	5"	7.03	3.03	.119	6.47
200600	6"	8.03	3.53	.119	7.47
200800	8"	10.61	5.00	.119	9.36

* Minimum required installation dimension

For Hoses: Measure hose outside diameter & select nearest OD size.



CUSHION CLAMP LOAD DATA



TUBE

PART NO.	O.D.	DESIGN LOAD 1		DESIGN LOAD 2		DESIGN LOAD 3	
100025	1/4"	400 LBS	(1.78) KN	50 LBS	(0.22) KN	50 LBS	(0.22) KN
100037	3/8"	400 LBS	(1.78) KN	50 LBS	(0.22) KN	50 LBS	(0.22) KN
100050	1/2"	400 LBS	(1.78) KN	50 LBS	(0.22) KN	50 LBS	(0.22) KN
100062	5/8"	400 LBS	(1.78) KN	50 LBS	(0.22) KN	50 LBS	(0.22) KN
100075	3/4"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100087	7/8"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100100	1"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100112	1-1/8"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100125	1-1/4"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100137	1-3/8"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100150	1-1/2"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100162	1-5/8"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
100175	1-3/4"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100187	1-7/8"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100200	2"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100212	2-1/8"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100225	2-1/4"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100237	2-3/8"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100251	2-1/2"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100262	2-5/8"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100300	3"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100312	3-1/8"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
100362	3-5/8"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
100412	4-1/8"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
100512	5-1/8"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
100612	6-1/8"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN

NOMINAL PIPE

PART NO.	I.P.S.	DESIGN LOAD 1		DESIGN LOAD 2		DESIGN LOAD 3	
200025	1/4"	400 LBS	(1.78) KN	50 LBS	(0.22) KN	50 LBS	(0.22) KN
200037	3/8"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
200050	1/2"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
200075	3/4"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
200100	1"	600 LBS	(2.67) KN	75 LBS	(0.33) KN	75 LBS	(0.33) KN
200125	1-1/4"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
200150	1-1/2"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
200200	2"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
200250	2-1/2"	800 LBS	(3.56) KN	125 LBS	(0.56) KN	125 LBS	(0.56) KN
200300	3"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
200350	3-1/2"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
200400	4"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
200500	5"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
200600	6"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN
200800	8"	1000 LBS	(4.45) KN	200 LBS	(0.89) KN	150 LBS	(0.67) KN

Note: Full size range available upon request.

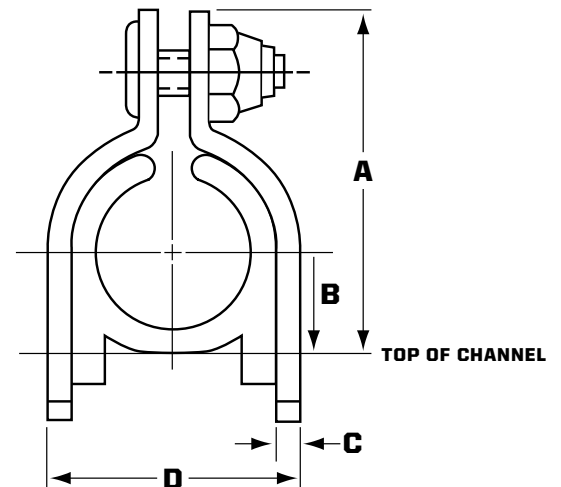
CUSHION CLAMPS FOR METRIC PIPE



Features:

- **Made in USA**
- **Classified 2043 (25/50) for use in plenums and air handling systems**
- Clamps are 1008-1010 carbon steel
- Eliminate shock and vibration
- Studs are projection welded
- Nylon insert locknut
- Resist most fuels, oils, gases, greases, solvents, mineral acids and other harsh materials
- Allow fluid conductors to be added or removed from installations without disturbing adjacent lines
- Assembled or disassembled with a single hand or power wrench or fast and simple installation
- Permit various size lines to be mixed to suit installation
- All metal components have a Tri-Valent (non-hex) plating
- Available in 304 and 316 stainless steel and aluminum
- Cushion material is a thermoplastic elastomer
- Temperature rating: -65°F to +275°F

PART NO.	DESCRIPTION	A	B	C	D
20MMHZ	20mm Clamp Assembly	1.78	0.53	0.07	1.33
25MMHZ	25mm Clamp Assembly	2.03	0.66	0.07	1.66
32MMHZ	32mm Clamp Assembly	2.30	0.78	0.07	1.92
40MMHZ	40mm Clamp Assembly	2.75	0.91	0.11	2.22
50MMHZ	50mm Clamp Assembly	3.28	1.16	0.11	2.72
63MMHZ	63mm Clamp Assembly	4.03	1.53	0.11	3.47
75MMHZ	75mm Clamp Assembly	4.52	1.78	0.11	3.97
90MMHZ	90mm Clamp Assembly	4.91	1.97	0.11	4.36
110MMHZ	110mm Clamp Assembly	5.76	2.44	0.11	5.30
125MMHZ	125mm Clamp Assembly	6.55	2.71	0.11	6.15
160MMHZ	160mm Clamp Assembly	7.95	3.41	0.11	7.70



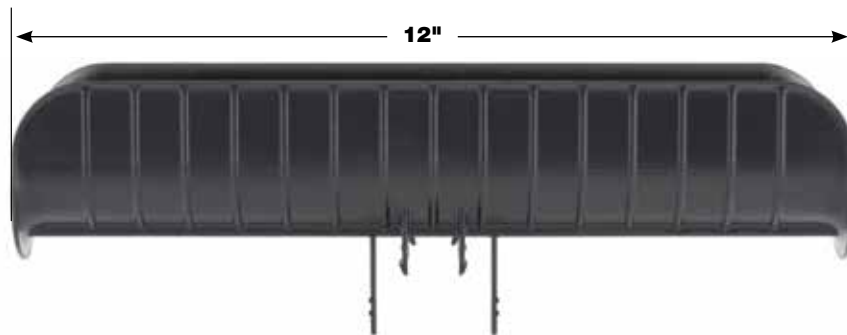
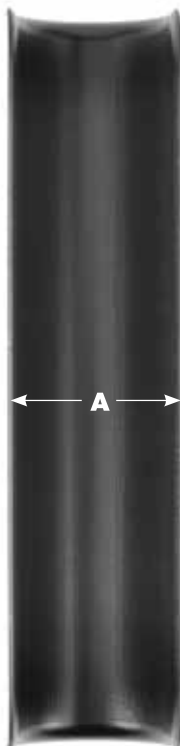
* Additional sizes available (see page 24).

BRONCO[®] SADDLE FOR INSULATED TUBE AND PIPE



Features:

- Made in USA
- Classified 2043 (25/50) for use in plenums and air handling systems
- Available in black or white to match insulation
- Fits perfectly on anchor channel of any depth
- Plastic legs snap into channel
- External stability tabs with grooved slot feature for optional self-tapping screw (installer supplied)
- Single piece product—no assembly or tools required
- Enhanced safety lip prevents insulation crushing and tearing from pipe movement
- Molded with high-strength polypropylene copolymer
- UV resistant
- Temperature rating: -40°F to +178°F
- Available for 2-1/4" to 8-1/4" O.D.

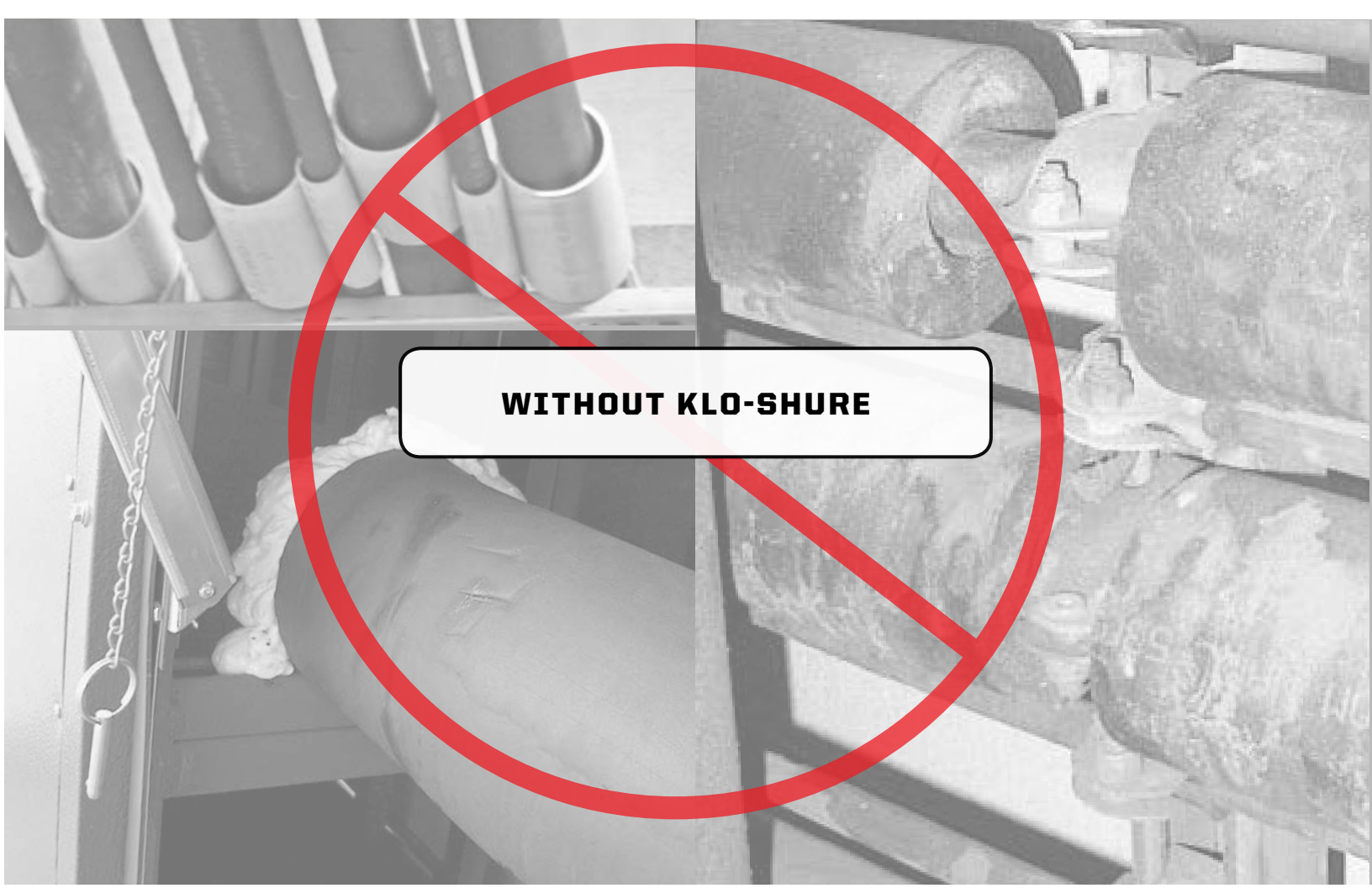


PART NO. (BLACK)	PART NO. (WHITE)	A
HZSB225	HZSW225	2-1/4"
HZSB325	HZSW325	3-1/4"
HZSB425	HZSW425	4-1/4"
HZSB525	HZSW525	5-1/4"
HZSB625	HZSW625	6-1/4"
HZSB825	HZSW825	8-1/4"





WITH KLO-SHURE



WITHOUT KLO-SHURE



7-Series Strut Mount



8-Series Strut Mount



9-Series Strut Mount



Clevis System



Patented Klo-Shure® Insulation Couplings allow sections of closed-cell, elastomeric or fiberglass insulation to be secured, eliminating most secondary operations at suspension points. It can also be used to simply join and secure two lengths of insulation.



KLO-SHURE INSULATION COUPLINGS

Classified 2043 (25/50) for use in plenums and air handling systems.
Available for copper tube, iron pipe and metric sizes.
Easy to install.

7-Series Strut Mount



Supports & secures tubing in strut mounted applications. For elastomeric insulation.

8-SERIES STRUT MOUNT



Install in seconds without metal clamps.

9-SERIES STRUT MOUNT

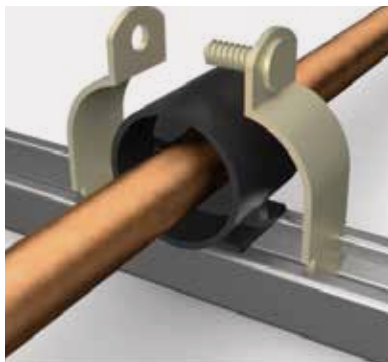


For fiberglass insulation, available in copper tube, iron pipe and mm sizing.

CLEVIS SYSTEM



Coupling locks into clevis hanger.



Features:

- **Made in USA**
- **Classified 2043 (25/50) for use in plenums and air handling systems**
- Manufactured from high strength TPO plastic
- Superior vapor barrier
- Three times faster installation of closed-cell elastomeric and fiberglass insulation
- Dramatically improved finished appearance of insulated tubing
- Eliminates insulation compression at suspension points
- For use with strut mounted clamps and clevis hangers
- Supports OD tube from 1/4" to 4-1/8" and 1/2" to 3" nominal pipe
- Metric sizes available from 25mm – 110mm
- Available with 304 or 316 stainless steel hardware

Specification Data & Guidelines:

- All insulated copper tube and iron pipe lines are to be secured using resilient Klo-Shure Insulation Couplings and Hydra-Zorb anchor channel
- Tubing supported and secured by internal part design
- Insulation to be inserted inside coupling with insulation contacting internal wall
- Secondary operations (glue + tape) can be performed at installer's discretion
- Entire assembly can be assembled or disassembled with a single hand or power wrench
- Coupling spacing should be no more than 60 diameters.
- Keep conductor runs as straight as possible.
- Overwrap of Klo-Shure coupling with insulation is not required
- 7-Series and 9-Series acceptable for horizontal and vertical installations
- 8-Series acceptable for horizontal installations



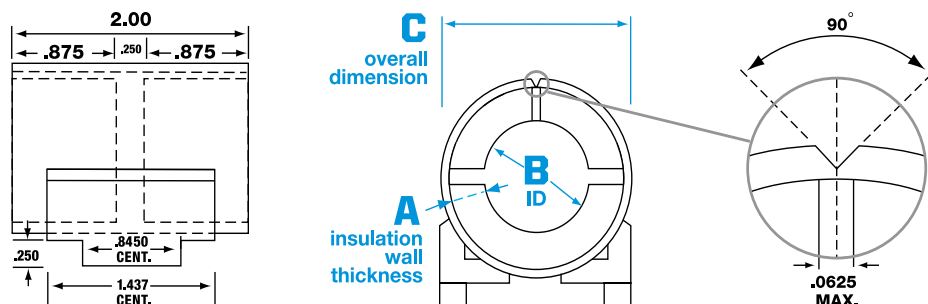
7-SERIES STRUT MOUNT INSULATION COUPLINGS

For use with elastomeric insulation.

Klo-Shure strut mounted parts include the Klo-Shure Coupling, clamp halves with welded fastener and locknut.



A	B	C	PART NO.	QUANTITY PER BOX
Klo-Shure® Strut Mounted Coupling for 3/8" wall insulation	1/4" OD	1.12	723025	40
	3/8" OD	1.25	723037	25
	1/2" OD	1.37	723050	20
	5/8" OD	1.50	723062	20
	3/4" OD	1.62	723075	20
	7/8" OD	1.75	723087	20
	1" OD	1.87	723100	20
	1-1/8" OD	2.00	723112	20
	1-3/8" OD	2.25	723137	20
	1-5/8" OD	2.50	723162	10
	2-1/8" OD	3.00	723212	10
Klo-Shure® Strut Mounted Coupling for 1/2" wall insulation	1/4" OD	1.37	724025	25
	3/8" OD	1.50	724037	25
	1/2" OD	1.62	724050	20
	5/8" OD	1.75	724062	20
	3/4" OD	1.87	724075	20
	7/8" OD	2.00	724087	20
	1" OD	2.12	724100	20
	1-1/8" OD	2.25	724112	20
	1-3/8" OD	2.50	724137	20
	1-5/8" OD	2.75	724162	10
	2-1/8" OD	3.25	724212	10
	2-5/8" OD	3.75	724262	10
	3-1/8" OD	4.25	724312	10
	3-5/8" OD	4.75	724362	10
	4-1/8" OD	5.25	724412	10



A	B	C	PART NO.	QUANTITY PER BOX
Klo-Shure® Strut Mounted Coupling for 3/4" wall insulation	1/4" OD	1.87	726025	20
	3/8" OD	2.00	726037	20
	1/2" OD	2.12	726050	10
	5/8" OD	2.25	726062	10
	3/4" OD	2.37	726075	10
	7/8" OD	2.50	726087	10
	1-1/8" OD	2.75	726112	10
	1-3/8" OD	3.00	726137	10
	1-5/8" OD	3.25	726162	10
	2-1/8" OD	3.75	726212	10
	2-5/8" OD	4.25	726262	10
	3-1/8" OD	4.75	726312	10
	3-5/8" OD	5.25	726362	10
Klo-Shure® Strut Mounted Coupling for 1" wall insulation	4-1/8" OD	5.75	726412	10
	1/4" OD	2.37	728025	10
	5/16" OD	2.43	728031	10
	3/8" OD	2.50	728037	10
	1/2" OD	2.62	728050	10
	5/8" OD	2.75	728062	10
	3/4" OD	2.87	728075	10
	7/8" OD	3.00	728087	10
	1-1/8" OD	3.25	728112	10
	1-3/8" OD	3.50	728137	10
	1-5/8" OD	3.75	728162	10
	2-1/8" OD	4.25	728212	10
	2-5/8" OD	4.75	728262	10
Klo-Shure® Strut Mounted Coupling for 1-1/2" wall insulation	3-1/8" OD	5.25	728312	10
	3-5/8" OD	5.75	728362	10
	4-1/8" OD	6.25	728412	5
	5/16" OD	3.43	729031	10
	3/8" OD	3.50	729037	10
	1/2" OD	3.62	729050	10
	5/8" OD	3.75	729062	10
	7/8" OD	4.00	729087	10
	1-1/8" OD	4.25	729112	10
	1-3/8" OD	4.50	729137	10
	1-5/8" OD	4.75	729162	10
	2-1/8" OD	5.25	729212	10
	2-5/8" OD	5.75	729262	10
	3-1/8" OD	6.25	729312	5
	4-1/8" OD	7.25	729412	5

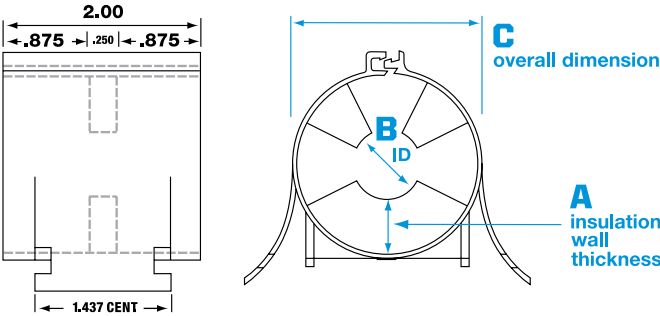
*Note: All metal parts have Tri-Valent plating. Please contact factory for 304 and 316 stainless steel hardware part numbers & pricing.



8-SERIES STRUT MOUNT INSULATION COUPLINGS

For use with elastomeric insulation.

Klo-Shure 8-Series couplings allow the installer to insert coupling into the channel and lock the top. No metal clamps needed.



A	B	C	PART NO.
Klo-Shure® Coupling for 1/2" wall insulation	1/2" OD	1.62	824050
	5/8" OD	1.75	824062
	7/8" OD	2.00	824087
	1-1/8" OD	2.25	824112
	1-3/8" OD	2.50	824137
	1-5/8" OD	2.75	824162
	2-1/8" OD	3.25	824212
Klo-Shure® Coupling for 3/4" wall insulation	5/8" OD	2.25	826062
	7/8" OD	2.50	826087
	1-1/8" OD	2.75	826112
	1-3/8" OD	3.00	826137
Klo-Shure® Coupling for 1" wall insulation	7/8" OD	3.00	828087
	1-1/8" OD	3.25	828112
	1-3/8" OD	3.50	828137
	1-5/8" OD	3.75	828162
	2-1/8" OD	4.25	828212
	2-5/8" OD	4.75	828262



9-SERIES STRUT MOUNT INSULATION COUPLINGS

For use with fiberglass insulation.

For copper tube and nominal pipe sizes. Includes Klo-Shure Coupling, clamp halves with welded fastener and locknut.

COPPER TUBE	A	B	C	PART NO.	QUANTITY PER BOX
Klo-Shure® Strut Mounted Coupling copper tube sizes for 1/2" wall fiberglass insulation		5/8" OD	1.785	924062	20
		7/8" OD	2.025	924087	20
		1-1/8" OD	2.285	924112	20
		1-3/8" OD	2.500	924137	10
		1-5/8" OD	2.845	924162	10
		2-1/8" OD	3.285	924212	10
Klo-Shure® Strut Mounted Coupling copper tube sizes for 1" wall fiberglass insulation		5/8" OD	3.008	928062	10
		7/8" OD	3.008	928087	10
		1-1/8" OD	3.008	928112	10
		1-3/8" OD	3.638	928137	10
		1-5/8" OD	3.638	928162	10
		2-1/8" OD	4.138	928212	10
		2-5/8" OD	4.648	928262	10
		3-1/8" OD	5.138	928312	10
		3-5/8" OD	5.690	928362	10
		4-1/8" OD	6.870	928412	5
Klo-Shure® Strut Mounted Coupling copper tube sizes for 1-1/2" wall fiberglass insulation		5-1/8" OD	7.870	928512	5
		7/8" OD	4.138	929087	10
		1-1/8" OD	4.138	929112	10
		1-3/8" OD	4.648	929137	10
		1-5/8" OD	5.138	929162	10
		2-1/8" OD	5.138	929212	10
		2-5/8" OD	5.690	929262	10
		3-1/8" OD	6.870	929312	5
		3-5/8" OD	6.870	929362	5
		4-1/8" OD	7.870	929412	5
Klo-Shure® Strut Mounted Coupling copper pipe sizes for 2" wall fiberglass insulation		5/8" OD	4.648	922062	10
		7/8" OD	5.138	922087	10
		1-1/8" OD	5.138	922112	10
		1-3/8" OD	5.698	922137	10
		1-5/8" OD	5.698	922162	5
		2-1/8" OD	6.870	922212	5
		2-5/8" OD	6.870	922262	5
		3-1/8" OD	7.870	922312	5
		3-5/8" OD	7.870	922362	5
IRON PIPE	A	B	C	PART NO.	QUANTITY PER BOX
Klo-Shure® Strut Mounted Coupling iron pipe sizes for 1/2" wall fiberglass insulation		1/2" pipe (0.84 OD)	2.025	924084	20
		3/4" pipe (1.05 OD)	2.285	924105	20
		1" pipe (1.31 OD)	2.500	924131	10
		1-1/4" pipe (1.66 OD)	2.845	924166	10
		1-1/2" pipe (1.90 OD)	3.285	924190	10
Klo-Shure® Strut Mounted Coupling iron pipe sizes for 1" wall fiberglass insulation		1/2" pipe (0.84 OD)	3.008	928084	10
		3/4" pipe (1.05 OD)	3.008	928105	10
		1" pipe (1.31 OD)	3.638	928131	10
		1-1/4" pipe (1.66 OD)	3.638	928166	10
		1-1/2" pipe (1.90 OD)	3.950	928190	10
		2" pipe (2.37 OD)	4.648	928237	10
		2-1/2" pipe (2.87 OD)	5.138	928287	10
		3" pipe (3.50 OD)	5.750	928350	5
Klo-Shure® Strut Mounted Coupling iron pipe sizes for 1-1/2" wall fiberglass insulation		1/2" pipe (0.84 OD)	4.138	929084	10
		3/4" pipe (1.05 OD)	4.138	929105	10
		1" pipe (1.31 OD)	4.648	929131	10
		1-1/4" pipe (1.66 OD)	5.138	929166	10
		1-1/2" pipe (1.90 OD)	5.138	929190	10

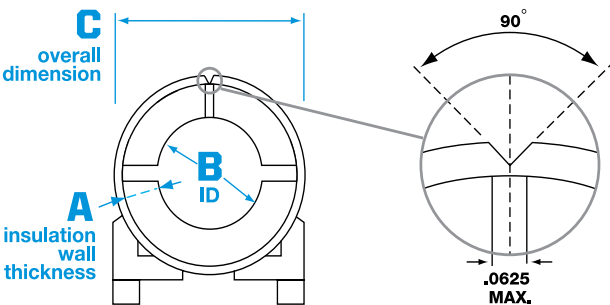
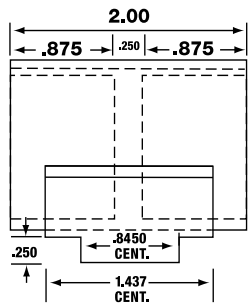
* Note: All metal parts have Tri-Valent plating. Please contact factory for 304 and 316 stainless steel hardware part numbers & pricing.



9-SERIES STRUT MOUNT INSULATION COUPLINGS

For use with metric pipe.

Includes Klo-Shure Coupling, clamp halves with welded fastener and locknut.



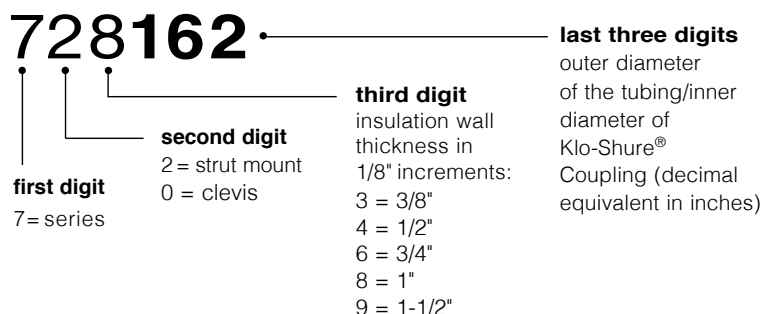
A	B	C	PART NO.	QUANTITY PER BOX
Klo-Shure® Strut Mounted Coupling for 1" wall insulation	25 mm	3.01	928M25	10
	32 mm	3.64	928M32	10
	40 mm	3.64	928M40	10
	50 mm	4.14	928M50	10
	63 mm	4.64	928M63	10
	75 mm	5.14	928M75	10
	90 mm	5.75	928M90	5
	110 mm	6.87	928M110	5
Klo-Shure® Strut Mounted Coupling for 1-1/2" wall insulation	25 mm	4.13	929M25	10
	32 mm	4.63	929M32	10
	40 mm	5.14	929M40	10
	50 mm	5.14	929M50	10
	63 mm	5.69	929M63	10
	75 mm	6.87	929M75	5
	90 mm	6.87	929M90	5

PART NUMBER SYSTEM FOR INSULATION COUPLINGS

7-SERIES STRUT MOUNT / PART NO. EXAMPLE:

All Klo-Shure® couplings consist of a 6-digit part number.
This shows the breakdown of typical **7-SERIES** part numbers.

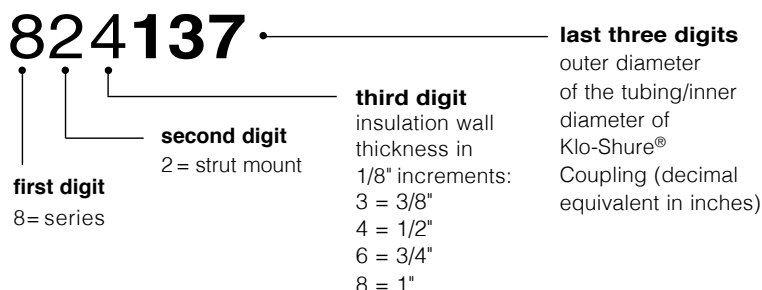
i.e. Strut mounted coupling for **1-5/8"** tube with **1"** wall insulation.



8-SERIES STRUT MOUNT / PART NO. EXAMPLE:

All Klo-Shure® couplings consist of a 6-digit part number.
This shows the breakdown of typical **8-SERIES** part numbers.

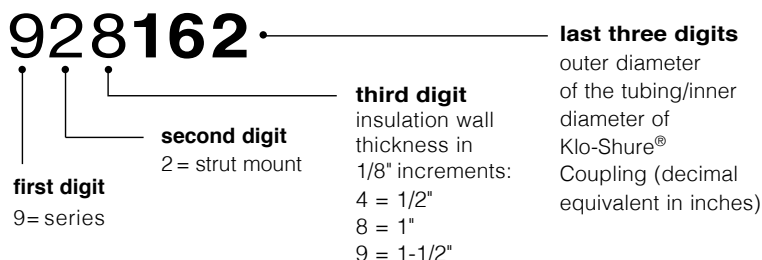
i.e. Strut mounted coupling for **1-3/8"** tube with **1/2"** wall insulation.



9-SERIES STRUT MOUNT / PART NO. EXAMPLE:

All Klo-Shure® couplings consist of a 6-digit part number.
This shows the breakdown of typical **9-SERIES** part numbers.

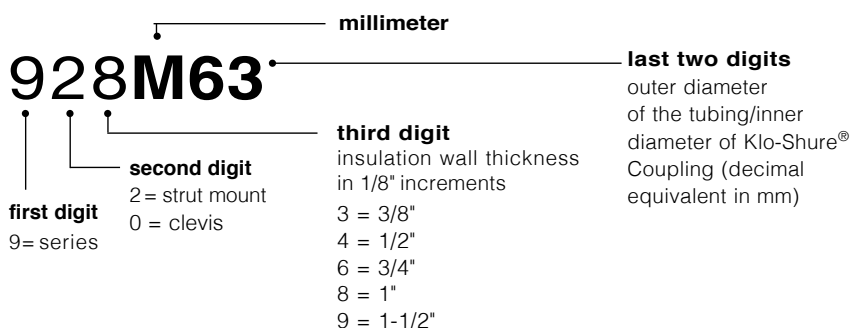
i.e. Strut mounted coupling for **1-5/8"** tube with **1"** wall insulation



9-SERIES STRUT MOUNT FOR METRIC PIPE / PART NO. EXAMPLE:

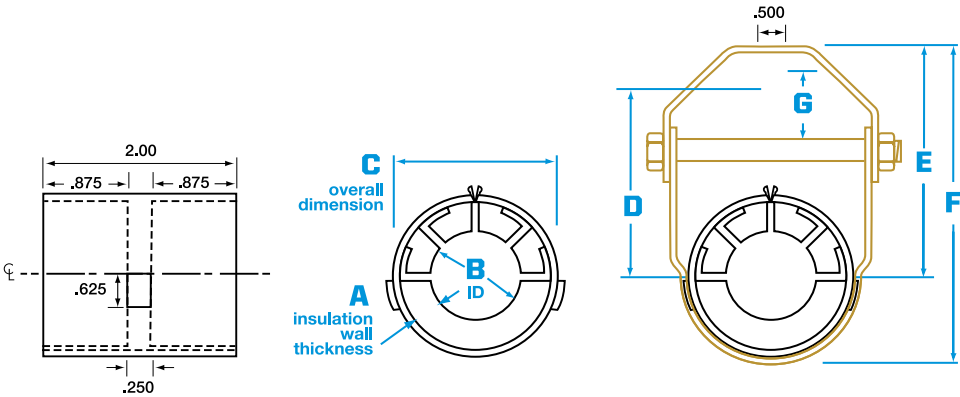
All Klo-Shure® couplings consist of a 6-digit part number.
This shows the breakdown of typical **9-SERIES FOR METRIC PIPE** part numbers.

i.e. Strut mounted coupling for **63mm** pipe with **1"** wall insulation



CLEVIS HANGER INSULATION COUPLINGS

Klo-Shure Clevis Hanger System includes clevis hanger, plastic coupling and fastening clip.



coupling "C" dimension	material size	cross bolt size	max recommended load/lbs
2.12 to 3.25	14 ga. x 1.25	5/16"	250
3.50 to 5.75	12 ga. x 1.25	5/16"	350

A	B	C	D	E	F	G	PART NO.
Klo-Shure® Clevis Hanger Coupling for 3/8" wall insulation	1/4" OD	1.12	-	-	-	-	703025*
	3/8" OD	1.25	-	-	-	-	703037*
	1/2" OD	1.37	-	-	-	-	703050*
	5/8" OD	1.50	-	-	-	-	703062*
	3/4" OD	1.62	-	-	-	-	703075*
	7/8" OD	1.75	2-1/2	3-3/8	4-3/8	7/16	703087
	1" OD	1.87	2-5/8	3-7/16	4-1/2	1/2	703100
	1-1/8" OD	2.00	2-7/8	3-1/2	4-5/8	5/8	703112
	1-3/8" OD	2.25	3-3/16	3-13/16	5	15/16	703137
	1-5/8" OD	2.50	3-1/2	4	5-1/2	1-1/16	703162
	2-1/8" OD	3.00	4-3/16	4-3/4	6-1/2	1-5/16	703212

A	B	C	D	E	F	G	PART NO.
Klo-Shure® Clevis Hanger Coupling for 1/2" wall insulation	3/8" OD	1.50	-	-	-	-	704037*
	1/2" OD	1.62	-	-	-	-	704050*
	5/8" OD	1.75	2-1/2	3-3/8	4-3/8	7/16	704062
	3/4" OD	1.87	2-5/8	3-7/16	4-1/2	1/2	704075
	7/8" OD	2.00	2-7/8	3-1/2	4-5/8	5/8	704087
	1" OD	2.12	3	3-5/8	4-7/8	7/8	704100
	1-1/8" OD	2.25	3-3/16	3-13/16	5	15/16	704112
	1-3/8" OD	2.50	3-1/2	4	5-1/2	1-1/16	704137
	1-5/8" OD	2.75	3-3/4	4-3/8	5-7/8	1-1/4	704162
	2-1/8" OD	3.25	4-1/2	5-1/8	6-7/8	1-7/16	704212
	2-5/8" OD	3.75	5	5-5/8	7-5/8	1-11/16	704262
	3-1/8" OD	4.25	5-13/16	6-7/16	8-3/4	2-1/8	704312
	3-5/8" OD	4.75	6-5/16	6-7/8	9-3/8	2-15/16	704362
	4-1/8" OD	5.25	6-7/8	7-1/2	10-1/8	2-9/16	704412
Klo-Shure® Clevis Hanger Coupling for 3/4" wall insulation	1/4" OD	1.87	2-5/8	3-7/16	4-1/2	1/2	706025
	3/8" OD	2.00	2-7/8	3-1/2	4-5/8	5/8	706037
	1/2" OD	2.12	3	3-5/8	4-7/8	7/8	706050
	5/8" OD	2.25	3-3/16	3-13/16	5	15/16	706062
	3/4" OD	2.37	3-5/16	3-15/16	5-1/4	1	706075
	7/8" OD	2.50	3-1/2	4	5-1/2	1-1/16	706087
	1-1/8" OD	2.75	3-3/4	4-3/8	5-7/8	1-1/4	706112
	1-3/8" OD	3.00	4-3/16	4-3/4	6-1/2	1-5/16	706137
	1-5/8" OD	3.25	4-1/2	5-1/8	6-7/8	1-7/16	706162
	2-1/8" OD	3.75	5	5-5/8	7-5/8	1-11/16	706212
	2-5/8" OD	4.25	5-13/16	6-7/16	8-3/4	2-1/8	706262
	3-1/8" OD	4.75	6-5/16	6-7/8	9-3/8	2-5/16	706312
	3-5/8" OD	5.25	6-7/8	7-1/2	10-1/8	2-9/16	706362
	4-1/8" OD	5.75	7-1/4	7-7/8	10-3/4	2-3/4	706412
Klo-Shure® Clevis Hanger Coupling for 1" wall insulation	5/8" OD	2.75	3-3/4	4-3/8	5-7/8	1-1/4	708062
	7/8" OD	3.00	4-3/16	4-3/4	6-1/2	1-5/16	708087
	1-1/8" OD	3.25	4-1/2	5-1/8	6-7/8	1-7/16	708112
	1-3/8" OD	3.50	4-3/4	5-3/8	7-1/4	1-9/16	708137
	1-5/8" OD	3.75	5	5-5/8	7-5/8	1-11/16	708162
	2-1/8" OD	4.25	5-13/16	6-7/16	8-3/4	2-1/8	708212
	2-5/8" OD	4.75	6-5/16	6-7/8	9-3/8	2-5/16	708262
	3-1/8" OD	5.25	6-7/8	7-1/2	10-1/8	2-9/16	708312
	3-5/8" OD	5.75	7-1/4	7-7/8	10-3/4	2-3/4	708362

Note: *Part number includes plastic coupling only. All metal parts have Tri-Valent plating.

TITAN® INSULATION RISER CLAMP SERIES



The patented Titan riser is made to fit insulated pipe and create a clean vapor barrier on vertical pipe runs. Klo-Shure Titan riser will dramatically improve the fit and finish of insulated tube and pipe runs.



Features:

- **Made in USA**
- Superior vapor barrier
- Three times faster installation of insulation
- Crush resistant design
- Dramatically improved finished appearance of insulated tube and pipe runs
- Eliminates insulation compression
- Available for 7/8" to 4-1/8" OD tube
- Insulation wall thickness from 1" to 1-1/2"
- Molded with high strength TPO plastic
- Vertical load rating range: Up to 2400 lbs.

