ASC Engineered Solutions

Cushion Clamp Assembly
Fig. AS 0040D



Description

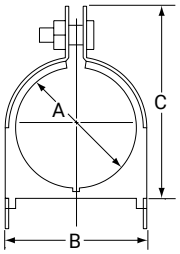
Anvil-Strut Pipe Clamps are all manufactured to fit into the standard openings of 1 5/8" channel to support runs of piping where desired, to secure the pipe in place.

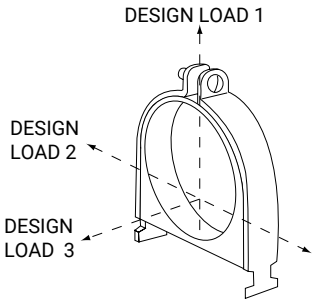
Specifications

Materials:
Clamp: 1008-1018 Carbon Steel
Cushion: High Strength TPE
Locknut: Nylon Insert

Service Temperature:
-65˚F to 275˚F.

Approvals:
UL 2043 Fire Test for Heat and Visible Smoke Release
25/50 Flame Spread/Smoke Development Index





☐ AS 0040D Thru AS 106P ☐ EG, ☐ 304SS, ☐ 316SS, ☐ ZTC

LEGEND:
GR: Powder Coated Supr-Green **EG:** Electro-Galvanized **PG:** Pre-Galvanized **AL:** Aluminum
HG: Hot Dipped Galvanized **PL:** Plain SS: Stainless Steel
ZTC: Zinc Trivalent Chromium Stainless Steel (**SS**), Zinc Trivalent Chromium (**ZTC**) and Hot Dipped Galvanized (**HG**) are specialty finishes. Pricing is located in the Specialty Strut Section of the Anvil-Strut price book.

ANVIL-STRUT
An ASC Engineered Solution

PROJECT INFORMATION	APPROVAL STAMP
Project:	☐ Approved
Address:	☐ Approved as noted
Contractor:	☐ Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

Cushion Clamp Assembly
Fig. AS 0040D

Tube Series

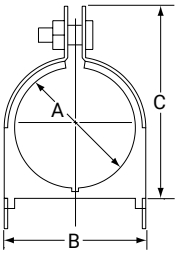
Part Number	O.D. Size	A	B	C	Std Pkg	Wt/100 pcs
AS 004OD	1/4"	0.25	0.62	0.98	25	10
AS 006ODN	3/8"	0.37	0.82	1.13	25	11
AS 008ODN	1/2"	0.50	0.94	1.34	25	13
AS 010ODN	5/8"	0.62	1.06	1.54	25	14
AS 012ODN	3/4"	0.75	1.20	1.68	25	14
AS 014ODN	7/8"	0.87	1.31	1.82	25	15
AS 016OD	1"	1.00	1.44	1.95	25	17
AS 018ODN	1 1/8"	1.12	1.57	2.08	20	18
AS 020OD	1 1/4"	1.25	1.70	2.21	20	18
AS 022ODN	1 3/8"	1.37	1.82	2.34	20	20
AS 024OD	1 1/2"	1.50	1.95	2.47	20	33
AS 026ODN	1 5/8"	1.62	2.07	2.60	20	35
AS 028OD	1 3/4"	1.75	2.20	2.73	20	37
AS 032OD	2"	2.00	2.45	3.04	10	41
AS 034OD	2 1/8"	2.12	2.57	3.23	10	46
AS 040OD	2 1/2"	2.50	2.94	3.79	10	49
AS 042OD	2 5/8"	2.62	3.07	3.92	5	51
AS 048OD	3"	3.00	3.57	4.42	5	57
AS 050OD	3 1/8"	3.12	3.57	4.42	5	60
AS 058OD	3 5/8"	3.62	4.20	5.11	5	70
AS 066OD	4 1/8"	4.12	4.57	5.54	5	94
AS 082OD	5 1/8"	5.12	5.57	6.54	5	125
AS 098OD	6 1/8"	6.12	6.57	7.54	5	130

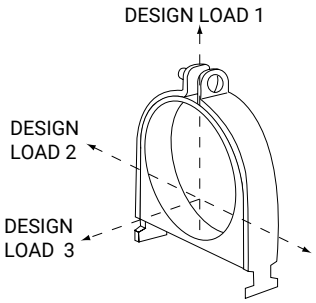
Specifications

Materials:
Clamp: 1008–1018 Carbon Steel
Cushion: High Strength TPE
Locknut: Nylon Insert

Service Temperature:
-65˚F to 275˚F.

Approvals:
UL 2043 Fire Test for Heat and Visible Smoke Release
25/50 Flame Spread/Smoke Development Index





Std Pkg & Wt/100 pcs: See charts above.

Cushion Clamp Assembly
Fig. AS 0040D

Tube Series

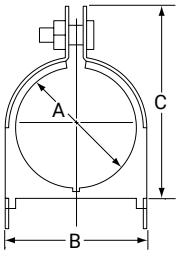
Copper & Steel Tube O.D. Size	Design Load 1 (lbs)	Design Load 2 (lbs)	Design Load 3 (lbs)
1/4"	400	50	50
3/8"	400	50	50
1/2"	400	50	50
5/8"	400	50	50
3/4"	600	75	75
7/8"	600	75	75
1"	600	75	75
1 1/8"	600	75	75
1 1/4"	600	75	75
1 3/8"	600	75	75
1 1/2"	600	75	75
1 5/8"	600	75	75
1 3/4"	800	125	125
1 7/8"	800	125	125
2"	800	125	125
2 1/8"	800	125	125
2 1/4"	800	125	125
2 3/8"	800	125	125
2 1/2"	800	125	125
2 5/8"	800	125	125
3"	800	125	125
3 1/8"	800	125	125
3 5/8"	1000	200	150
4 1/8"	1000	200	150
6 1/8"	1000	200	150

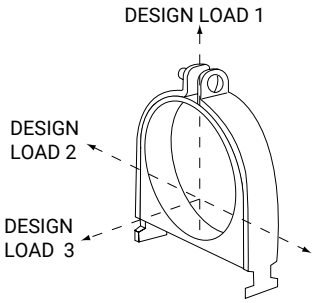
Specifications

Materials:
Clamp: 1008–1018 Carbon Steel
Cushion: High Strength TPE
Locknut: Nylon Insert

Service Temperature:
-65˚F to 275˚F.

Approvals:
UL 2043 Fire Test for Heat and Visible Smoke Release
25/50 Flame Spread/Smoke Development Index





Std Pkg & Wt/100 pcs: See charts above.

Cushion Clamp Assembly
Fig. AS 0040D

Pipe Series

Part Number	O.D. Size	A	B	C	Std Pkg	Wt/100 pcs
AS 009P	¼" Pipe	0.54	0.98	1.34	25	13
AS 011P	⅜" Pipe	0.67	1.13	1.54	25	14
AS 014P	½" Pipe	0.84	1.29	1.82	25	15
AS 017P	¾" Pipe	1.05	1.50	2.08	20	17
AS 021P	1" Pipe	1.31	1.76	2.34	20	19
AS 027P	1 ¼" Pipe	1.66	2.17	2.73	20	35
AS 030ODP	1 ½" Pipe	1.90	2.35	2.86	20	39
AS 038ODP	2" Pipe	2.37	2.82	3.67	10	47
AS 046ODP	2 ½" Pipe	2.87	3.32	4.17	5	55
AS 056ODP	3" Pipe	3.50	3.95	4.79	5	55
AS 064ODP	3 ½" Pipe	4.00	4.45	5.42	5	88
AS 072ODP	4" Pipe	4.50	4.95	5.92	5	110
AS 089P	5" Pipe	5.56	6.01	6.92	5	130
AS 106P	6" Pipe	6.62	7.07	8.23	5	140

Pipe Series

Pipe Sizes (Nominal)	Design Load 1 (lbs)	Design Load 2 (lbs)	Design Load 3 (lbs)
¼"	400	50	50
⅜"	600	75	75
½"	600	75	75
¾"	600	75	75
1"	600	75	75
1 ¼"	800	125	125
1 ½"	800	125	125
2"	800	125	125
2 ½"	800	125	125
3"	1000	200	150
3 ½"	1000	200	150
4"	1000	200	150
5"	1000	200	150
6"	1000	200	150

Std Pkg & Wt/100 pcs: See charts above.

Specifications

Materials:
Clamp: 1008–1018 Carbon Steel
Cushion: High Strength TPE
Locknut: Nylon Insert

Service Temperature:
-65˚F to 275˚F.

Approvals:
UL 2043 Fire Test for Heat and Visible Smoke Release
25/50 Flame Spread/Smoke Development Index

