

SEAL HAND



ABOUT US

Pencom's "Manufactured globally, supplied locally" philosophy provides customers with low cost globally manufacturing, while still offering localized inventory and technical support.

Founded in 1982 by William A. Gardiner, Pencom has been awarded preferred supplier status by many of the worlds largest OEM's and contract manufacturers. The company employs more than 400 people globally and has approximately 145,000 square feet of manufacturing space at its various locations.

ISO certified, Pencom is committed to supplying our customers with quality parts on time. This philosophy transverses the entire Pencom staff from senior management to shipping.

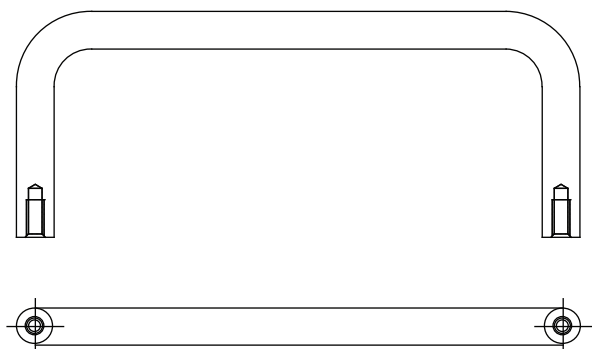
Full-service capabilities in design, engineering and manufacturing, with an innovative ability to supply low-tech components with a high-tech inventory system, sets Pencom apart from its competition. The company offers precision machining, turning, milling, screw machining and stamping for prototypes and high volume production. These processes are used to manufacture captive screws, inserts, latches, spacers, self-clinching nuts and other mechanical hardware, including ejectors and handles. It also produces electro-mechanical components, such as switches and connectors, and thermal management components, such as custom heat sinks, heat pipes and ducting.

With an eye towards the future, Pencom's "Visible Inventory" System, provides customers with the opportunity to view their inventory in "real time." Eliminating the use of manual counting or bar coding.



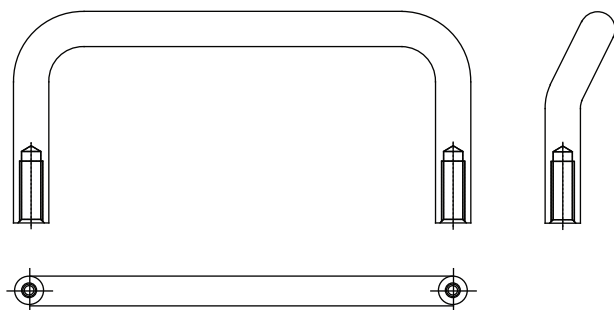
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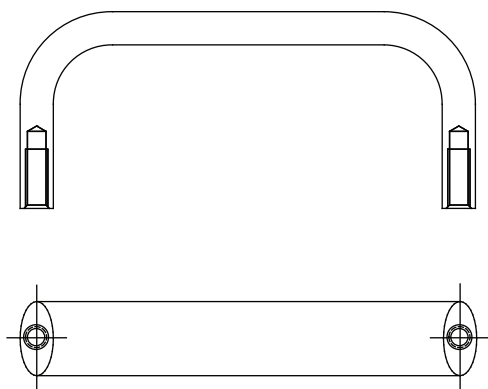
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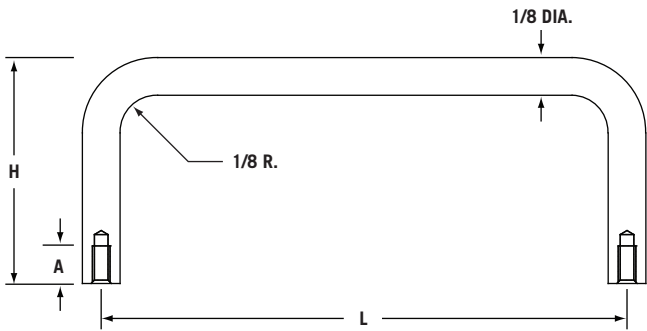
HANDLES

1/8 ROUND INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

3/4x1/2-256-HA-1/8-RD-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1/32	L ± 1/32									
	3/4	13/16	7/8	1	1-1/4	1-1/2	1-3/4	2	2-1/2	3
1/2										
3/4										
1										
1-1/4										
1-1/2										
2										

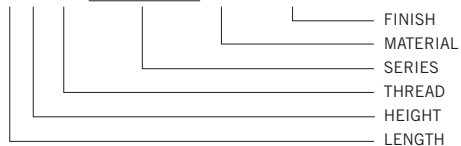
Thread	A
2-56	3/16

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

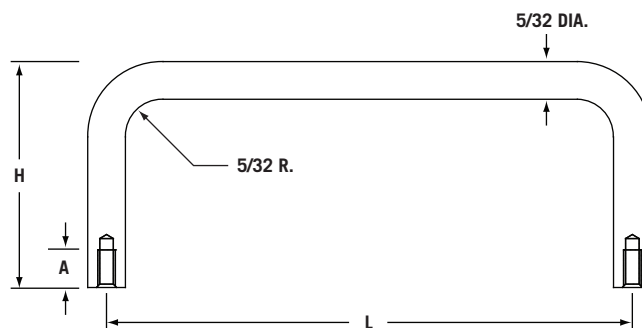
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

2x1-256-HA-5/32-RD-AL-BLK-ANOD



5/32 ROUND INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1/32	L ± 1/32						
	1	1-1/4	1-1/2	1-3/4	2	2-1/2	3
3/4				ALL SIZES AVAILABLE			
1							

Thread	A
2-56	3/16
4-40	1/4-3-8

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

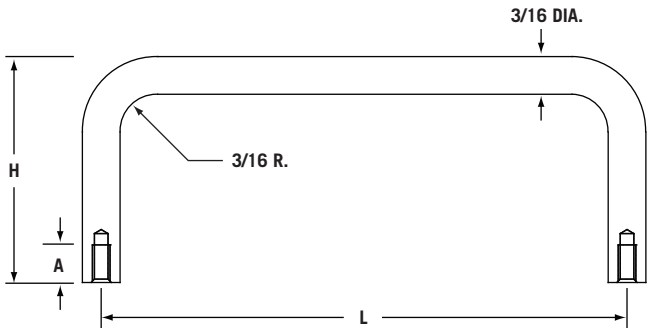
*Other threads, materials and finishes available upon request.

3/16 ROUND INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

1x3/4-632-HA-3/16-RD-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1/32	L ± 1/32							
	1	1-1/4	1-1/2	1-3/4	2	3	4	5
5/8								
3/4								
7/8								
1								
1-1/8								
1-1/4								
1-1/2								

Thread	A
4-40	1/4
6-32	5/16 - 3/8

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

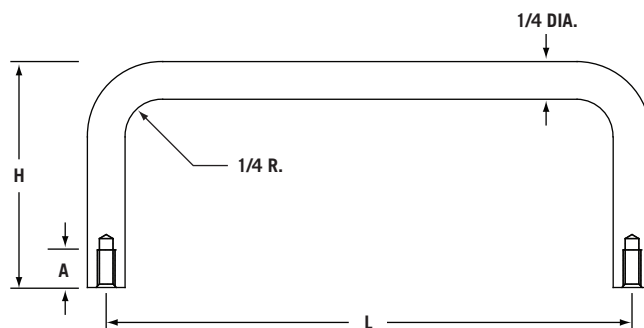
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

3x1-632-HA-1/4-RD-AL-BLK-ANOD



1/4 ROUND INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1/32	L ± 1/32														
	1-1/8	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2	2-3/4	3	3-1/2	4	4-1/4	4-1/2	5	6
1															
1-1/4															
1-1/2															
2															

ALL SIZES
AVAILABLE

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
6-32	3/8
8-32	7/16 - 9/16

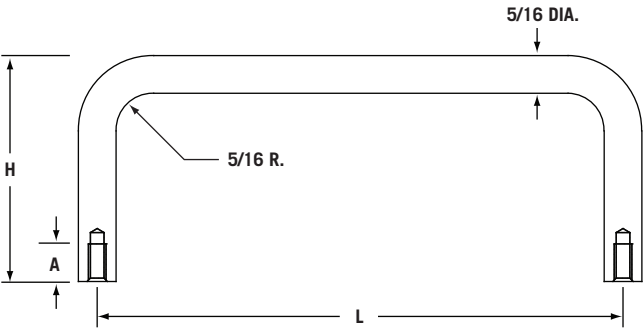
*Other threads, materials and finishes available upon request.

5/16 ROUND INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

3x1-832-HA-5/16-RD-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1/32	L ± 1/32													
	2	2-1/8	2-1/4	2-3/8	2-1/2	2-3/4	3	3-1/8	3-1/4	3-1/2	4	4-1/4	4-1/2	4-9/16
1														
1-1/8														
1-1/4														
1-5/16														
1-3/8														
1-1/2														
1-3/4														

H ± 1/32	L ± 1/32												
	4-5/8	4-3/4	5	5-1/8	5-1/4	5-1/2	5-3/4	6	6-1/4	6-7/16	6-1/2	6-3/4	7
1													
1-1/8													
1-1/4													
1-5/16													
1-3/8													
1-1/2													
1-3/4													

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
8-32	7/16
10-32	5/16 - 5/8

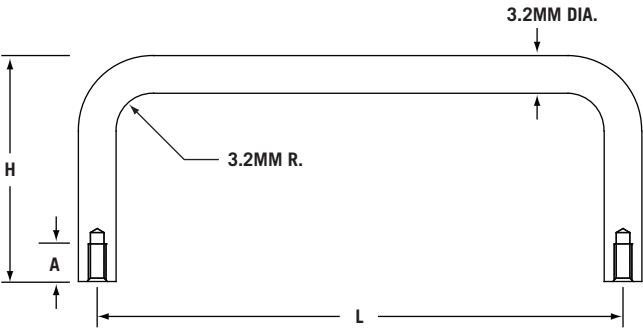
*Other threads, materials and finishes available upon request.

3.2MM ROUND INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

21x19-M2.5-HA-3.2MM-RD-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1.0	L ± 1.0									
	19	21	22	25	32	38	44	51	63	76
13										
19										
25										
32										
38										
51										

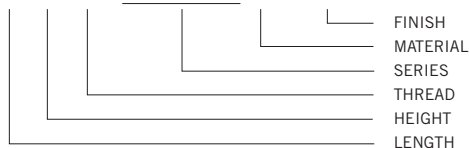
Thread	A
M2.5	5

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

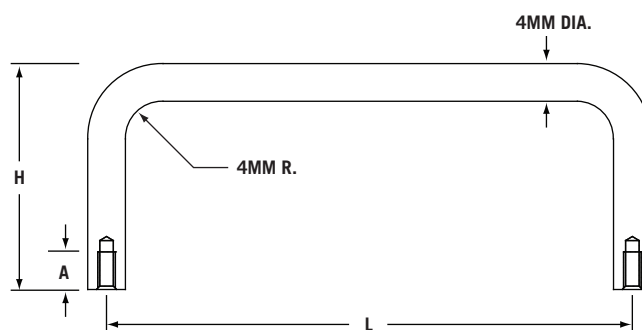
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

21x19-M2.5-HA-4MM-RD-AL-BLK-ANOD



4MM ROUND INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1.0	L ± 1.0						
	25	32	38	44	51	63	76
19				ALL SIZES AVAILABLE			
25							

Thread	A
M2.5	5
M3	6 - 10

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

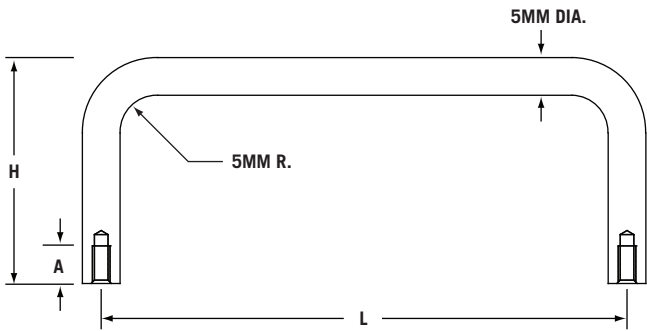
*Other threads, materials and finishes available upon request.

5MM ROUND INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

25x22-M3-HA-5MM-RD-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1.0	L ± 1.0							
	25	32	38	44	51	76	102	127
16								
19								
22								
25								
29								
32								
38								

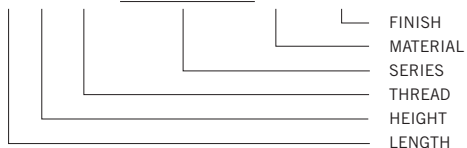
Thread	A
M3	6
M3.5	8-10

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

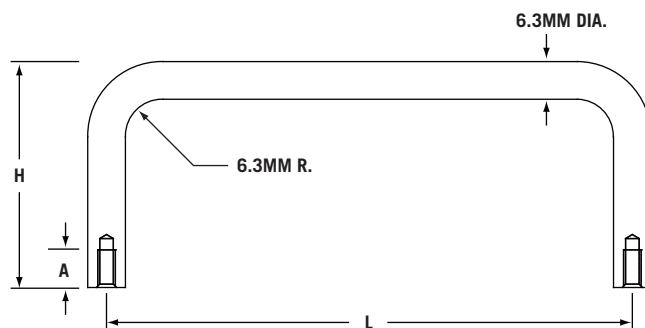
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

32x25-M3.5-HA-6.3MM-RD-AL-BLK-ANOD



6.3MM ROUND INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1.0	L ± 1.0													
	32	38	44	51	57	63	70	76	89	102	108	114	127	152
25														
32														
38														
51														

ALL SIZES
AVAILABLE

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
M3.5	10
M4	11 - 14

*Other threads, materials and finishes available upon request.

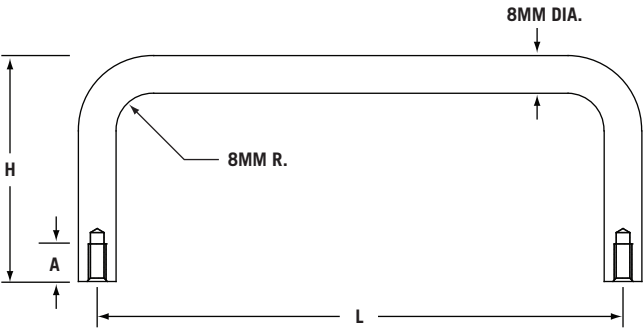
HANDLES

8MM ROUND INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

51x25-M5-HA-8MM-RD-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1.0	L ± 1.0													
	51	54	57	60	63	70	76	79	83	89	102	108	114	116
25														
29														
32														
33														
35														
38														
44														

H ± 1.0	L ± 1.0								
	118	127	133	140	146	152	163	165	178
25									
29									
32									
33									
35									
38									
51									

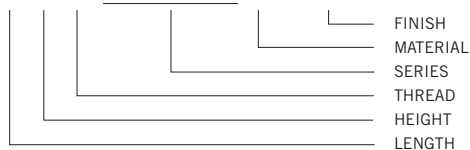
Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
M4	11
M5	8 - 16

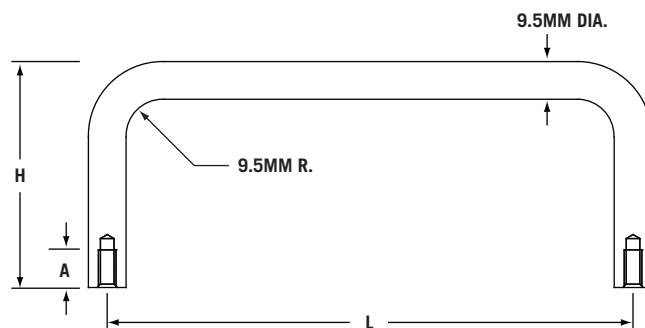
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

51x33-M4-HA-9.5MM-RD-AL-BLK-ANOD



9.5MM ROUND INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1.0	L ± 1.0													
	51	63	76	89	102	108	114	127	133	140	146	152	165	178
33														
38														
44														
48														

ALL SIZES
AVAILABLE

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
M4	11
M5	11 - 16
M6	10 - 16

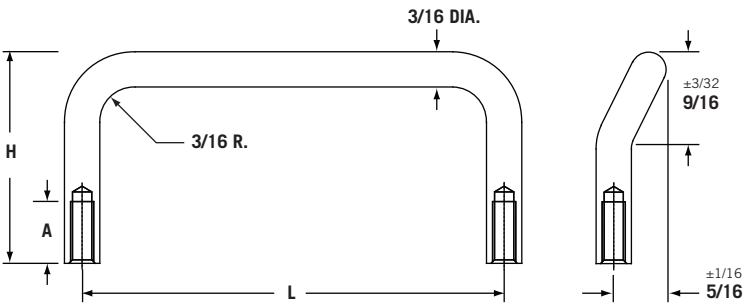
*Other threads, materials and finishes available upon request.

3/16 ROUND-OFFSET INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

3x1-632-HA-3/16-RD-OFST-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1/32	L ± 1/32					
	2	3	4	4-1/2	5	6
1						
1-1/2						

Thread	A
4-40	1/4 - 5/16
6-32	1/4 - 3/8

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

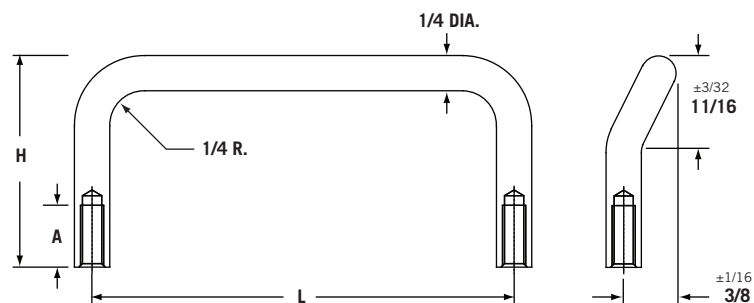
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

3x1-632-HA-1/4-RD-OFST-AL-BLK-ANOD

FINISH
MATERIAL
SERIES
THREAD
HEIGHT
LENGTH

1/4 ROUND-OFFSET INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1/32	L ± 1/32						
	2	3	4	4-1/2	5	5-1/2	6
1							
1-1/2							
2							

Thread	A
6-32	5/16 - 7/16
8-32	5/16 - 7/16

ALL SIZES
AVAILABLE

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

*Other threads, materials and finishes available upon request.

3x1-5/16-832-HA-5/16-RD-OFST-AL-BLK-ANOD

$H \pm 1/32$	$L \pm 1/32$									
	2	2-1/2	3	4	4-1/4	4-1/2	4-9/16	5	5-1/2	6
1-5/16					ALL SIZES AVAILABLE					
1-1/2										
1-3/4										

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

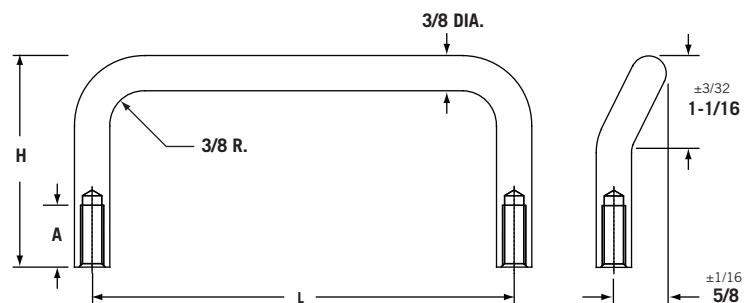
Rev: 061506

SAMPLE PART NUMBER

3x1-3/4-832-HA-3/8-RD-OFST-AL-BLK-ANOD

FINISH
MATERIAL
SERIES
THREAD
HEIGHT
LENGTH

3/8 ROUND-OFFSET INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1/32	L ± 1/32							
	3	4	4-1/4	4-1/2	4-9/16	5	5-1/2	6
1-3/4								
2								

ALL SIZES
AVAILABLE

Thread	A
8-32	5/16 - 7/16
10-32	1/2 - 9/16

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

*Other threads, materials and finishes available upon request.

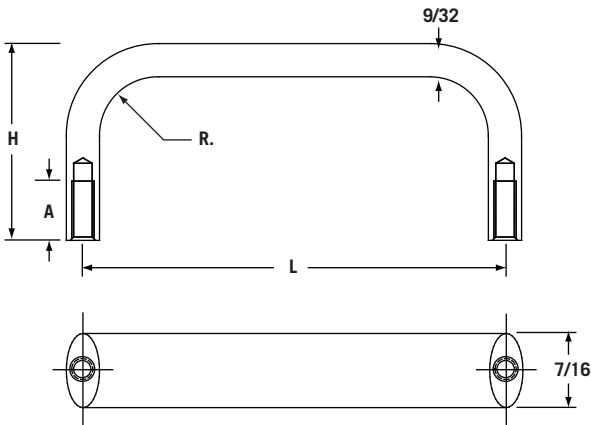
HANDLES

7/16 x 9/32 OVAL INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

2x1-832-HA-7/16-OV-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1/32	L ± 1/32											
	2	2-1/4	2-1/2	3	3-1/2	4	4-1/4	4-1/2	4-9/16	5	6	6-7/16
1												
1-9/32												
1-1/2												

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
8-32	5/16 - 1/2
10-24	5/16 - 5/8
10-32	5/16 - 5/8

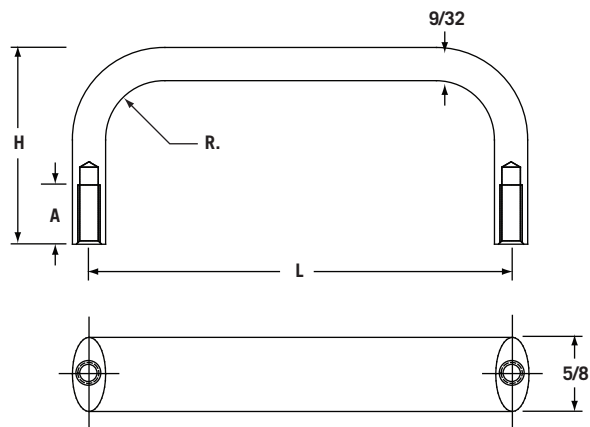
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

3x1-832-HA-5/8-OV-AL-BLK-ANOD

FINISH
MATERIAL
SERIES
THREAD
HEIGHT
LENGTH

5/8 x 9/32 OVAL INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1/32	L ± 1/32										
	2-1/2	3	4	4-1/4	4-1/2	4-9/16	5	5-1/2	6	6-7/16	7
1											
1-9/32											
1-1/2											
1-3/4											

ALL SIZES
AVAILABLE

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
8-32	5/16 - 5/8
10-24	5/16 - 5/8
10-32	5/16 - 5/8

*Other threads, materials and finishes available upon request.

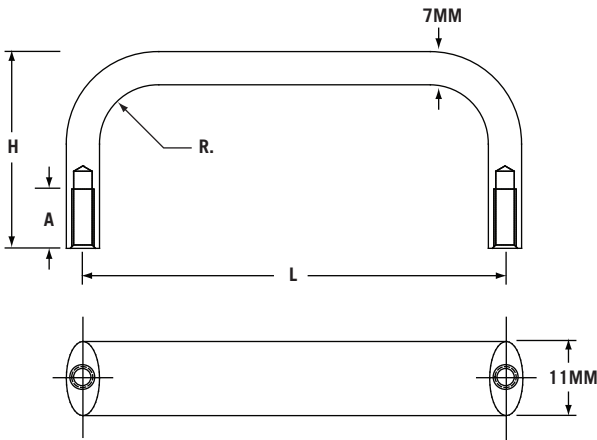
HANDLES

11MM x 7MM OVAL INTERNAL THREAD HANDLE

SAMPLE PART NUMBER

51x33-M4-HA-11MM-OV-AL-BLK-ANOD

LENGTH	
HEIGHT	
THREAD	
SERIES	
MATERIAL	
FINISH	



DIMENSIONS:

H ± 1.0	L ± 1.0											
	51	57	63	76	89	102	108	114	116	127	152	163
25												
33												
38												

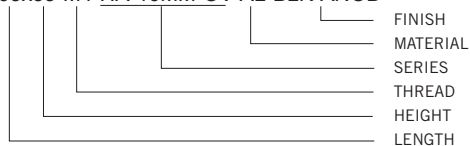
Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
M4	11
M5	11 - 16
M6	10 - 16

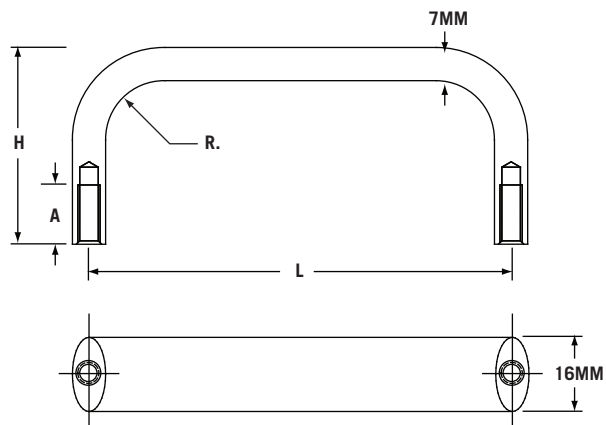
*Other threads, materials and finishes available upon request.

SAMPLE PART NUMBER

63x33-M4-HA-16MM-OV-AL-BLK-ANOD



16MM x 7MM OVAL INTERNAL THREAD HANDLE



DIMENSIONS:

H ± 1.0	L ± 1.0									
	63	76	102	108	114	116	127	152	163	178
25										
33										
38										
44										

ALL SIZES
AVAILABLE

Material Code	Description	Finish	Description
AL	Aluminum	PLN	Plain
AL	Aluminum	AL	Clear
AL	Aluminum	BLK-ANOD	Black Anodize
SS	Stainless Steel	P	Passivate
STL	Steel	Z	Zinc

Thread	A
M4	11
M5	11 - 16

*Other threads, materials and finishes available upon request.



SALES ★

HEADQUARTERS ★

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(650) 593-3299 - fax

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Rancho Cordova, CA 95742
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(817) 354-1207 - fax

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PENANG

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MANUFACTURING ★

CHINA - 4 Sites

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CAMARILLO

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