

ALPHA EQUIPMENT COMPANY

Hardware - Section E - Index

Call us for central office, transmission, switching,
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Please select the part number you wish to view.

This document may be used for reference and printed in whole or part.

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The ground bars listed in this section are just a few that we manufacture.

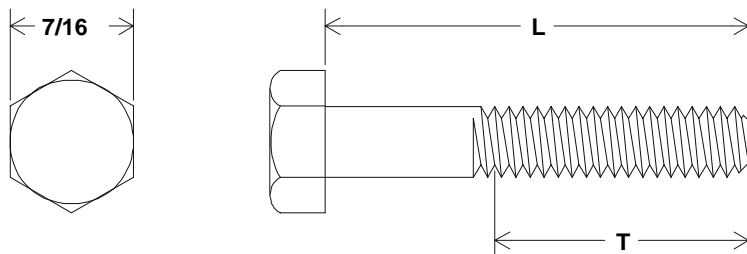
We can customize ground bars AND guarantee fair prices and short lead times.

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HEX BOLT 1/4-20 STEEL

TABLE A



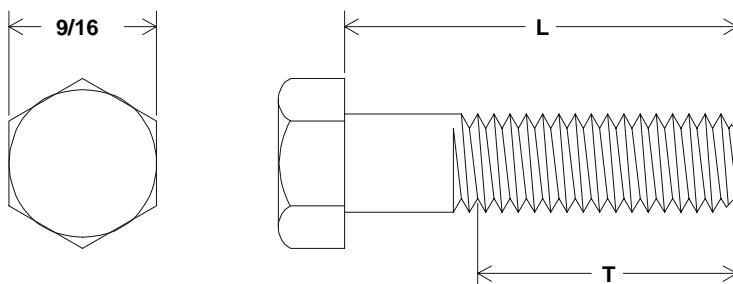
STEEL BOLT PLATED ZINC
& YELLOW DICHROMATE

| PART NUMBER | L | T |
|-------------|-------|-----|
| A7625 04 | 1/2 | 1/2 |
| A7625 05 | 5/8 | 5/8 |
| A7625 06 | 3/4 | 3/4 |
| A7625 07 | 7/8 | |
| A7625 08 | 1 | |
| A7625 10 | 1 1/4 | |
| A7625 12 | 1 1/2 | |
| A7625 14 | 1 3/4 | |
| A7625 16 | 2 | |
| A7625 18 | 2 1/4 | |
| A7625 20 | 2 1/2 | |
| A7625 22 | 2 3/4 | |
| A7625 24 | 3 | |
| A7625 26 | 3 1/4 | |
| A7625 28 | 3 1/2 | |
| A7625 30 | 3 3/4 | |
| A7625 32 | 4 | |
| A7625 36 | 4 1/2 | |
| A7625 40 | 5 | |
| A7625 44 | 5 1/2 | |
| A7625 48 | 6 | 1 |

DWG. A762500

HEX BOLT 3/8-16 STEEL

TABLE A

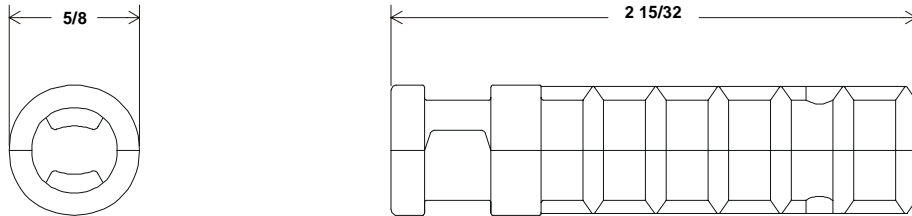


STEEL BOLT PLATED ZINC
& YELLOW DICHROMATE

| PART NUMBER | L | T |
|-------------|-------|-----|
| A7637 04 | 1/2 | 1/2 |
| A7637 06 | 3/4 | 3/4 |
| A7637 08 | 1 | 1 |
| A7637 10 | 1 1/4 | |
| A7637 12 | 1 1/2 | |
| A7637 14 | 1 3/4 | |
| A7637 16 | 2 | |
| A7637 18 | 2 1/4 | |
| A7637 20 | 2 1/2 | |
| A7637 22 | 2 3/4 | |
| A7637 24 | 3 | |
| A7637 26 | 3 1/4 | |
| A7637 28 | 3 1/2 | |
| A7637 30 | 3 3/4 | |
| A7637 32 | 4 | |
| A7637 36 | 4 1/2 | |
| A7637 40 | 5 | |
| A7637 44 | 5 1/2 | |
| A7637 48 | 6 | |

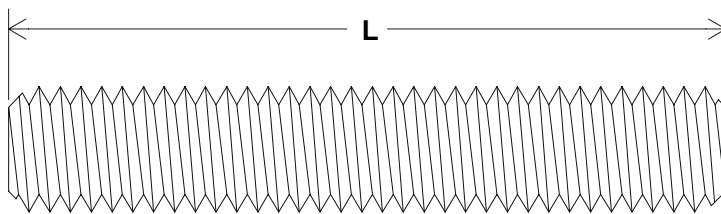
DWG. A763700

LAG SCREW ANCHOR 3/8 LONG



DWG. A720004

THREADED ROD 3/8-16 STEEL



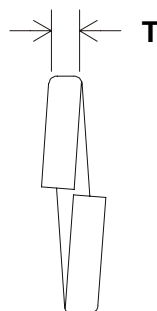
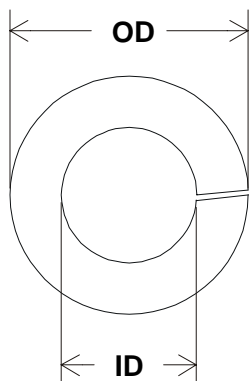
STEEL ROD PLATED ZINC
& YELLOW DICHROMATE

TABLE A

| PART NUMBER | L |
|--------------|-------|
| A769006- 4.5 | 4 1/2 |
| 6 | 6 |
| 6.5 | 6 1/2 |
| 12 | 12 |
| 18 | 18 |
| 24 | 24 |
| 30 | 30 |
| 36 | 36 |
| 42 | 42 |
| 48 | 48 |
| 54 | 54 |
| 60 | 60 |
| 72 | 72 |

DWG. A769006

LOCK WASHER SPLIT STEEL



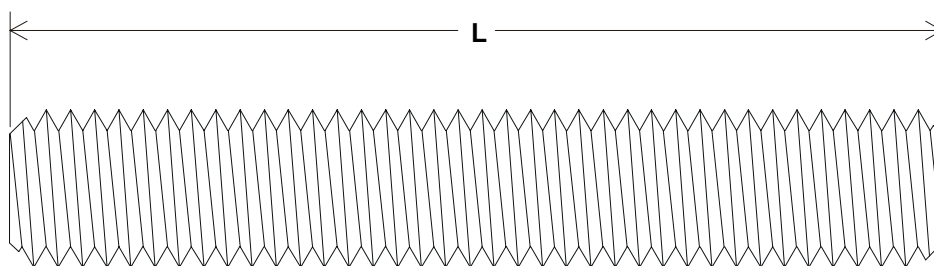
STEEL WASHER PLATED ZINC & YELLOW DICHROMATE

TABLE A

| PART NUMBER | NOM. SIZE | ID | OD | T |
|-------------|-----------|-------|-------|-------|
| A7310 04 | #4 | 0.118 | 0.209 | 0.025 |
| A7310 06 | #6 | 0.145 | 0.250 | 0.031 |
| A7310 08 | #8 | 0.171 | 0.293 | 0.040 |
| A7310 10 | #10 | 0.198 | 0.334 | 0.047 |
| A7310 12 | #12 | 0.225 | 0.377 | 0.056 |
| A7310 25 | 1/4 | 0.259 | 0.489 | 0.062 |
| A7310 31 | 5/16 | 0.323 | 0.586 | 0.078 |
| A7310 37 | 3/8 | 0.387 | 0.683 | 0.094 |
| A7310 50 | 1/2 | 0.516 | 0.873 | 0.125 |
| A7310 62 | 5/8 | 0.644 | 1.079 | 0.156 |

DWG. A731000

THREADED ROD 1/2-13 STEEL



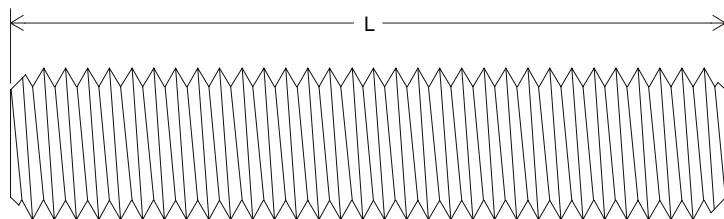
STEEL ROD PLATED ZINC & YELLOW DICHROMATE

TABLE A

| PART NUMBER | L |
|-------------|----|
| A769007- 6 | 6 |
| 12 | 12 |
| 18 | 18 |
| 24 | 24 |
| 30 | 30 |
| 36 | 36 |
| 42 | 42 |
| 48 | 48 |
| 54 | 54 |
| 60 | 60 |
| 72 | 72 |

DWG. A769007

THREADED ROD 5/8-11 STEEL



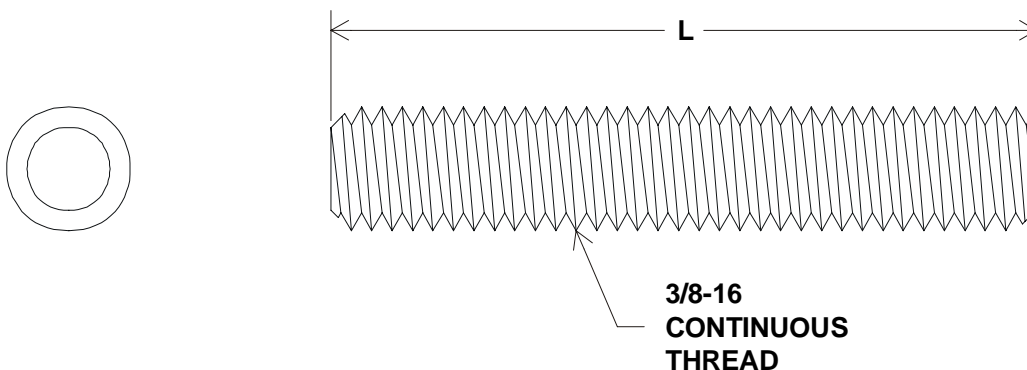
STEEL ROD PLATED ZINC & YELLOW DICHROMATE

TABLE A

| PART NUMBER | L | AE PART NUMBER |
|-------------|-----|----------------|
| A769008- 6 | 6 | |
| 7 | 7 | H-23296- 7 |
| 9 | 9 | 29 |
| 11 | 11 | 9 |
| 12 | 12 | |
| 13 | 13 | 59 |
| 17 | 17 | 8 |
| 18 | 18 | |
| 21 | 21 | 1 |
| 24 | 24 | 22 |
| 30 | 30 | 110 |
| 36 | 36 | 80 |
| 42 | 42 | |
| 48 | 48 | 53 |
| 54 | 54 | |
| 60 | 60 | 111 |
| 72 | 72 | 63 |
| 84 | 84 | 65 |
| 96 | 96 | 131 |
| 120 | 120 | 134 |

DWG. A769008

THREADED STUD 3/8-16 STEEL



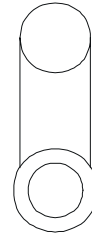
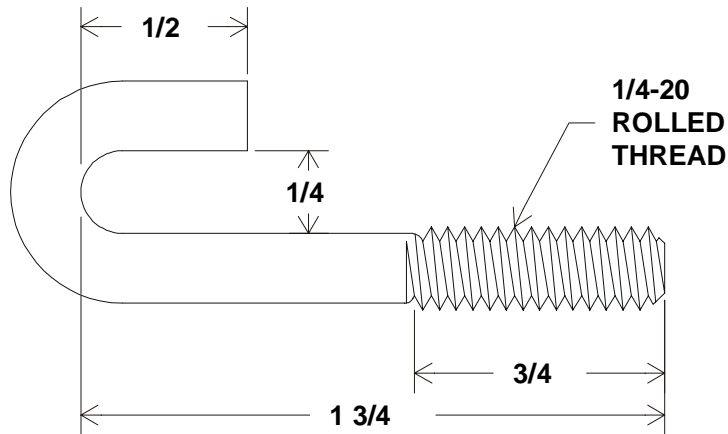
STEEL STUD PLATED ZINC & YELLOW DICHROMATE

TABLE A

| PART NUMBER | L |
|-------------|-------|
| A769001- 20 | 2 1/2 |
| 22 | 2 3/4 |
| 24 | 3 |
| 26 | 3 1/4 |
| 28 | 3 1/2 |
| 30 | 3 3/4 |
| 32 | 4 |

DWG. A769001

"J" BOLT 1/4-20 X 1 3/4

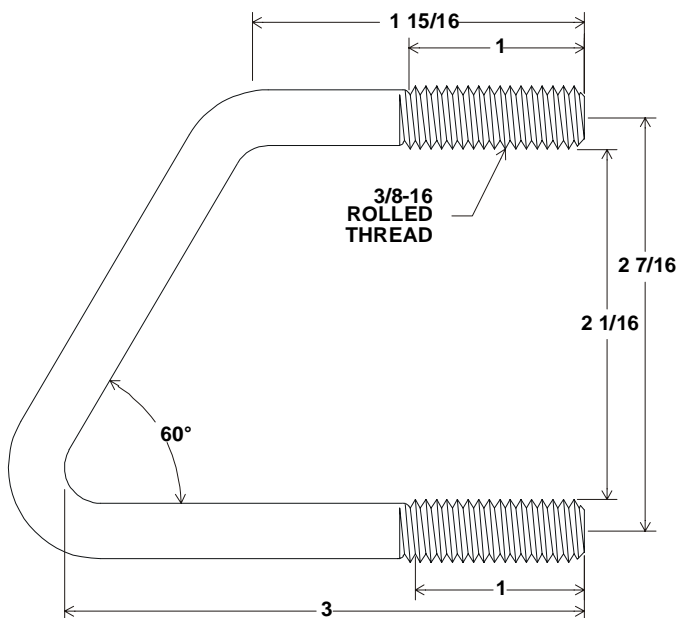


NOTES:

1. MATERIAL: A36 THREAD ROLLING STOCK 0.21 DIA.
2. FINISH: PLATE ZINC & YELLOW DICHROMATE
3. TOLERANCE: $\pm 1/16$

DWG. A742514

"V" BOLT 3/8-16 X 3

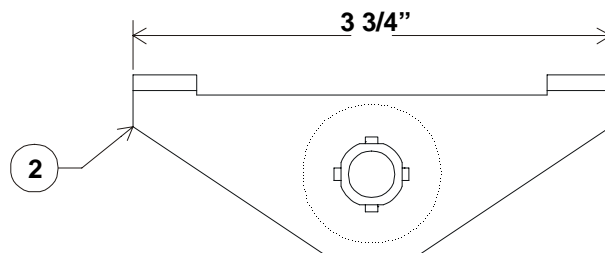
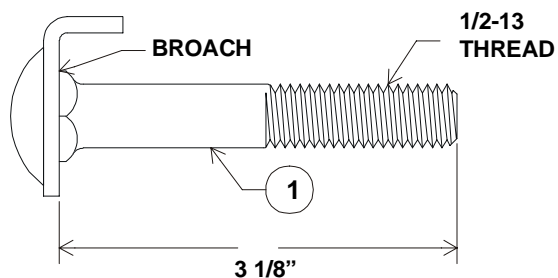


NOTES:

1. MATERIAL: 0.328 DIA STEEL THREAD ROLLING WIRE
2. FINISH: PLATE ZINC & YELLOW DICHROMATE
3. TOLERANCE: $\pm 1/16$

DWG. A753724

SPANNER J BOLT 1/2-13 X 3 1/8



NOTES:

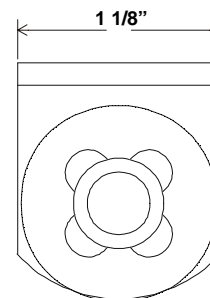
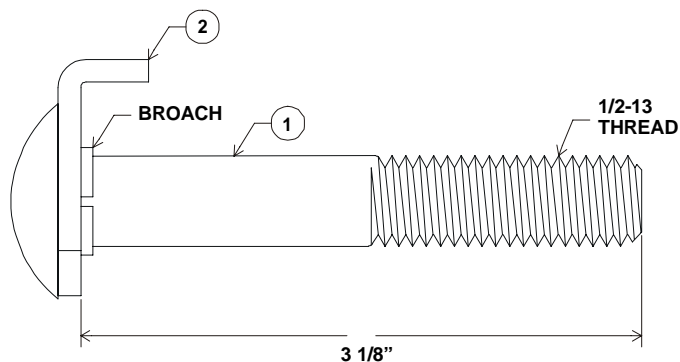
1. ASSEMBLE AND BROACH AS SHOWN
2. FINISH: PLATE ZINC & YELLOW DICHROMATE

STOCK LIST

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|-------------|------------------------|
| 1 | 1 | A768524 | BOLT 1/2-13 X 3 CRG HD |
| 2 | 1 | A748002 | SPANNER CLIP |

DWG. A745125

CLIP J BOLT 1/2-13 X 3 1/8



NOTES:

1. ASSEMBLE AND BROACH AS SHOWN
2. FINISH: PLATE ZINC & YELLOW DICHROMATE

STOCK LIST

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|-------------|------------------------|
| 1 | 1 | A768524 | BOLT 1/2-13 X 3 CRG HD |
| 2 | 1 | A748001 | CLIP |

DWG. A745025

MISCELLANEOUS "J" & "V" BOLT PLATES

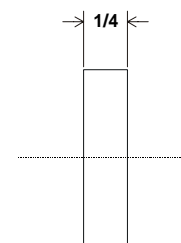
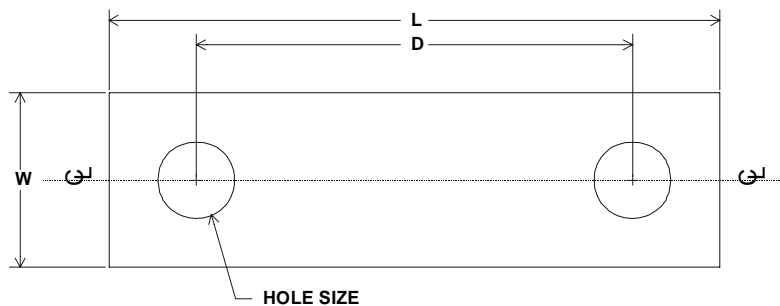
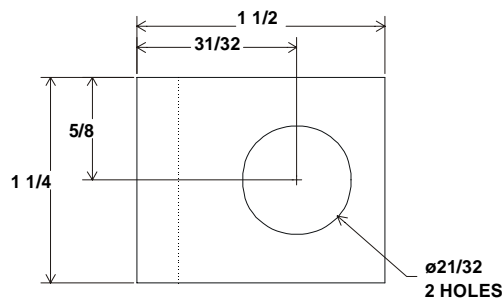


TABLE A

| PART NUMBER | D | HOLE SIZE | L | W |
|-------------|---------|-----------|-------|-------|
| A785003- 1 | 2 7/16 | 11/32 | 3 1/2 | 1 |
| 2 | 2 7/16 | 7/16 | 3 1/2 | 1 |
| 3 | 2 21/32 | 9/32 | 3 1/2 | 1 |
| 4 | 2 11/16 | 11/16 | 4 1/2 | 1 1/2 |
| 5 | 4 3/8 | 3/8 | 5 1/8 | 1 |
| 6 | 2 9/16 | 3/8 | 3 1/2 | 1 |
| 7 | 2 5/8 | 9/16 | 3 7/8 | 1 1/4 |
| 8 | 2 3/8 | 9/32 | 3 1/8 | 1 |
| 9 | 4 3/4 | 9/32 | 5 1/2 | 1 |

SEE INDIVIDUAL MFG DRAWINGS FOR DIMENSIONS, FINISH & TOLERANCES.

DWG. A785003



HANGER BRACKET CABLE RACK

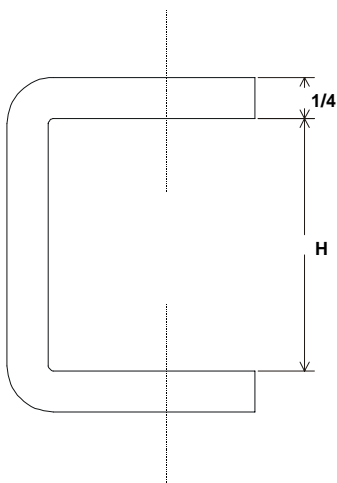


TABLE A

| PART NUMBER | H |
|-------------|---------|
| A912012- 1 | 1 17/32 |
| A912012- 2 | 2 1/32 |

DWG. A912012

HANGER BRACKET SLOTTED TYPE FOR CABLE RACK OR AUX FRAMING BAR

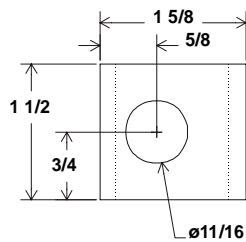
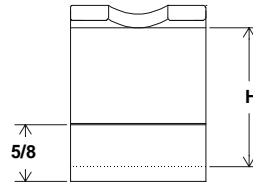
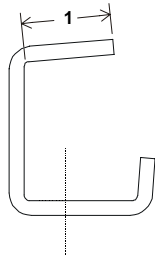
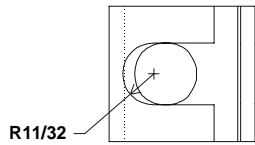
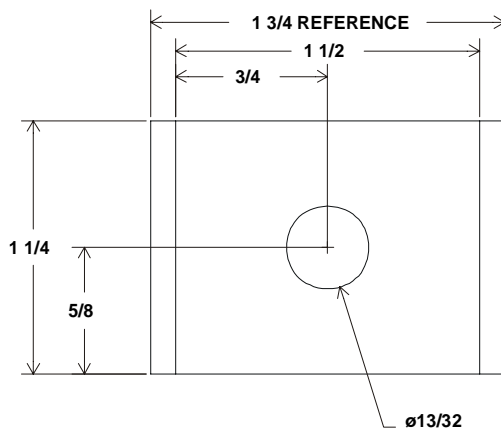
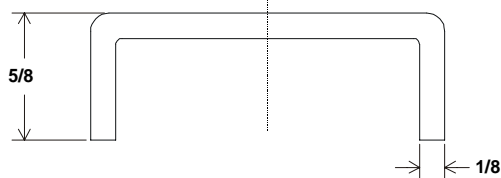


TABLE A

| PART NUMBER | H |
|-------------|---------|
| A912011-1 | 1 17/32 |
| A912011-2 | 2 1/32 |

DWG. A912011

AUXILIARY FRAMING CLIP

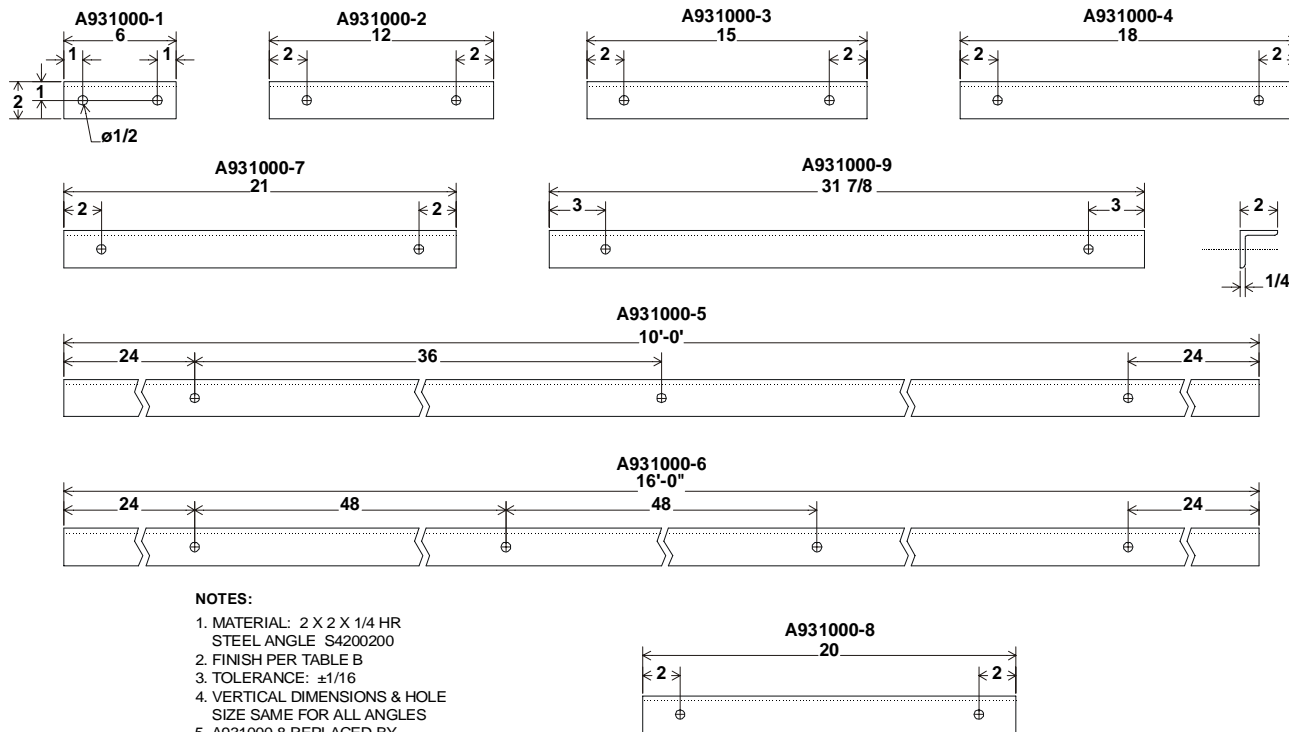


NOTES:

1. MATERIAL: 1/8 X 1 1/4 HR STEEL STRIP
S012125 0.146 LBS
2. FINISH: PLATE ZINC & YELLOW DICHROMATE
3. TOLERANCE: ±1/32

DWG. A781001

WALL ANGLE DRILLED

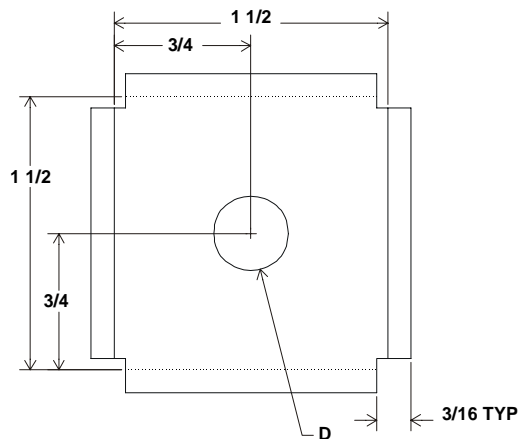


NOTES:

1. MATERIAL: 2 X 2 X 1/4 HR STEEL ANGLE S4200200
2. FINISH PER TABLE B
3. TOLERANCE: $\pm 1/16$
4. VERTICAL DIMENSIONS & HOLE SIZE SAME FOR ALL ANGLES
5. A931000-8 REPLACED BY A931504

DWG. A931000

AUXILIARY FRAMING CLIP CROSSOVER JUNCTION



NOTES:

1. MATERIAL: 1/8 X 2 1/2 HR STEEL STRIP S012250
2. FINISH: PLATE ZINC & YELLOW DICHROMATE
3. TOLERANCE: $\pm 1/32$ UNLESS OTHERWISE SPECIFIED

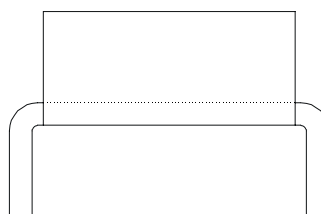
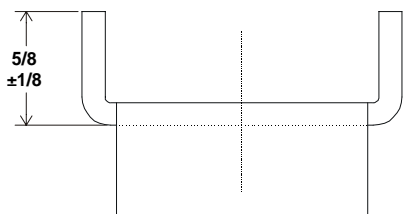


TABLE A

| PART NUMBER | D |
|-------------|-------|
| A78102 1 | 13/32 |
| A78102 2 | 17/32 |
| A78102 3 | 21/32 |

DWG. A781021

AUXILIARY FRAMING ANGLE 2 X 2 X 3/16

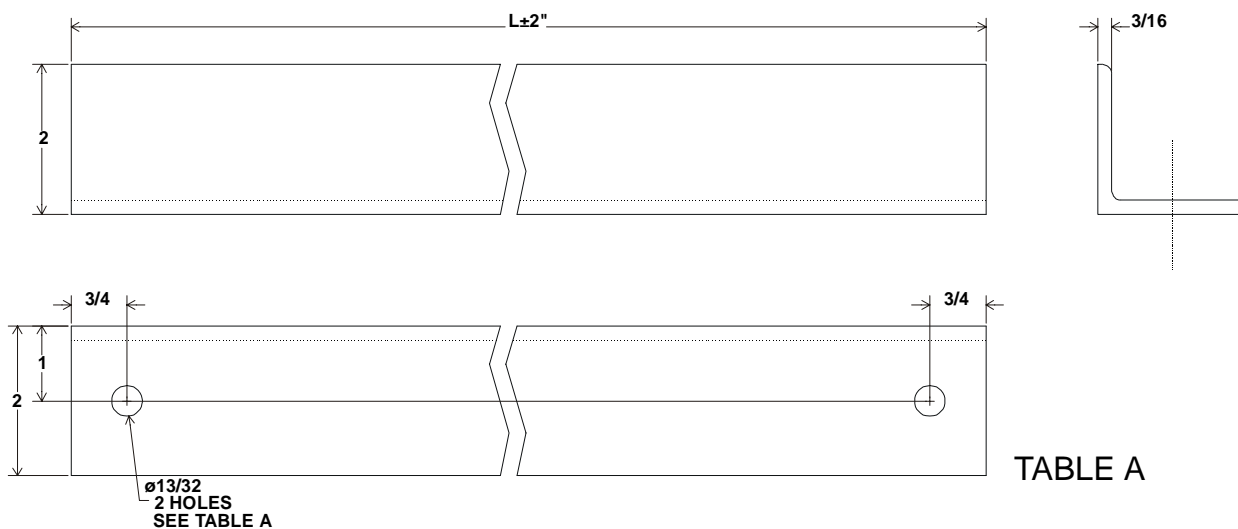


TABLE A

NOTES:

1. MATERIAL: 2 X 2 X 3/16 HR STEEL ANGLE S3200200
2. FINISH PER TABLE B
3. TOLERANCE: ±1/16 UNLESS OTHERWISE SPECIFIED

| PART NUMBER | L | PART NUMBER | L | HOLES |
|-------------|-----|-------------|-----|-------|
| A931003- 2 | 2' | A931003- 14 | 14' | |
| 4 | 4' | 16 | 16' | |
| 6 | 6' | 18 | 18' | |
| 8 | 8' | 20 | 20' | |
| 10 | 10' | 10A | 10' | 2 |
| 12 | 12' | 20A | 20' | 2 |

DWG. A931003

AUXILIARY FRAMING ANGLE 3 X 3 X 1/4

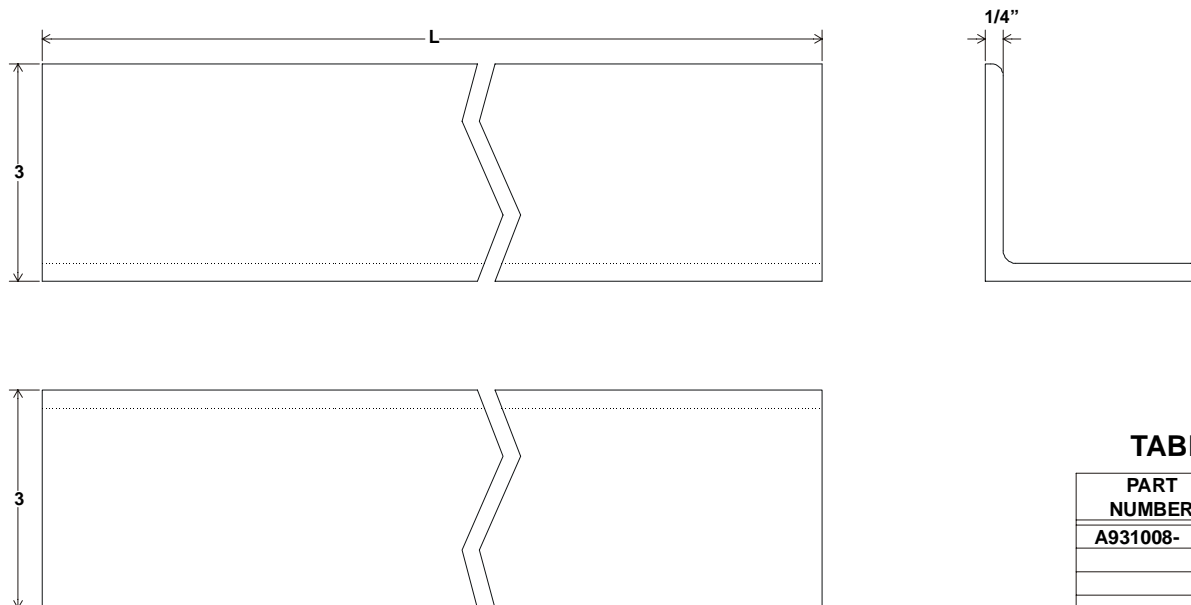


TABLE A

NOTES:

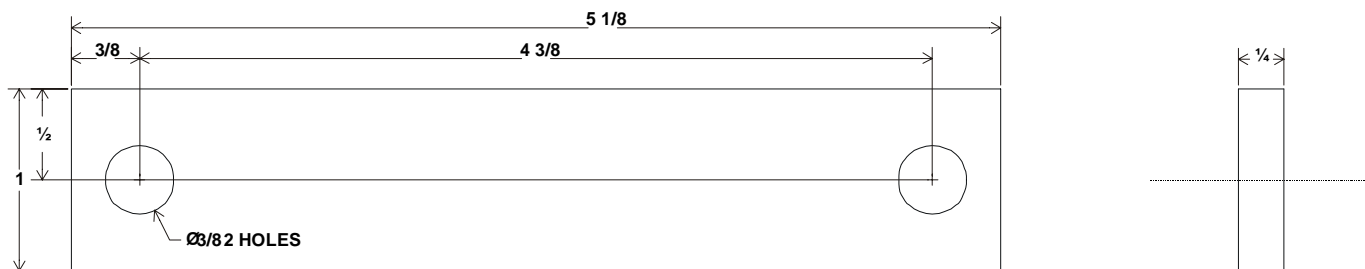
1. MATERIAL: 3 X 3 X 1/4 HR STEEL ANGLE S4300300
2. FINISH PER TABLE B
3. TOLERANCE: ±1/4"

WEIGHT: 4.9 LBS/FT

| PART NUMBER | L |
|-------------|-----|
| A931008- 2 | 2' |
| 4 | 4' |
| 6 | 6' |
| 8 | 8' |
| 10 | 10' |
| 12 | 12' |
| 14 | 14' |
| 16 | 16' |
| 18 | 18' |
| 20 | 20' |

DWG. A931008

J BOLT PLATE

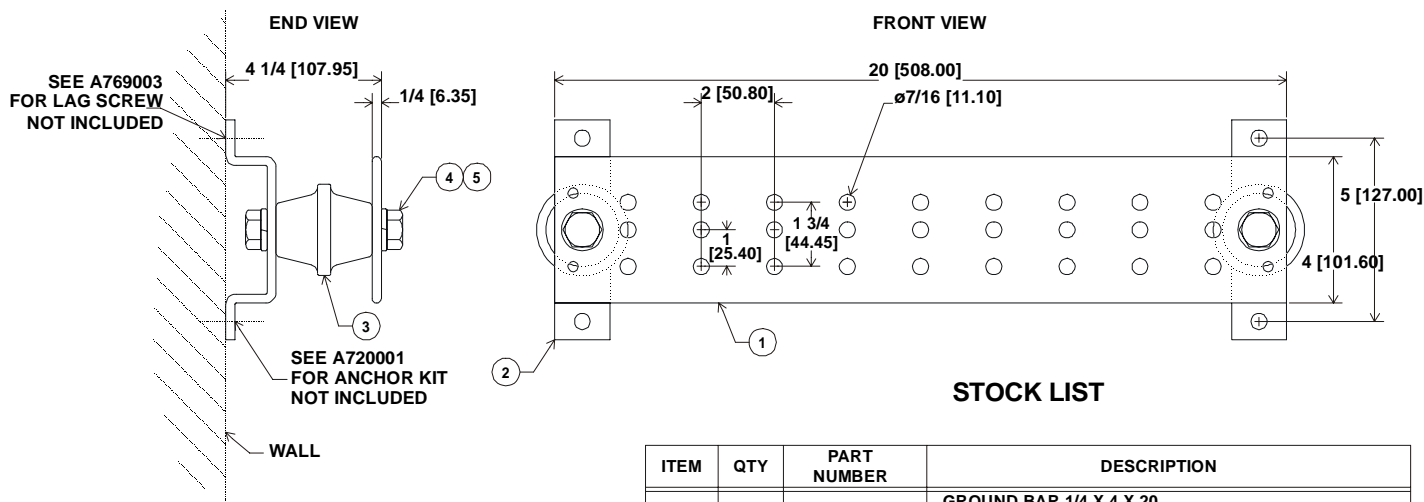


NOTES:

1. MATERIAL: 1/4 X 1 HR STEEL BAR S025100
2. FINISH: PLATE ZINC & YELLOW DICHROMATE
3. TOLERANCE: ±1/16

DWG. A785003-5

GROUND BAR ASSEMBLY 20" WALL MOUNTED ISOLATED



STOCK LIST

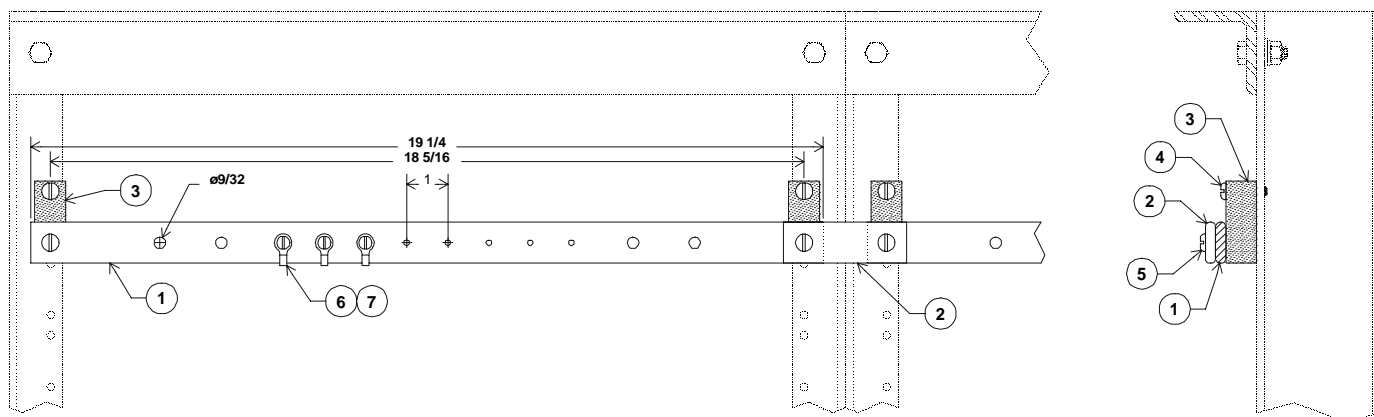
| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|-------------|--|
| 1 | 1 | A130036 | GROUND BAR 1/4 X 4 X 20 COPPER ALLOY 110 PER ASTM B187 |
| 2 | 2 | A130046-2 | WALL MOUNTING BRACKET ASTM A36 STEEL PLATED ZINC & YELLOW DICHROMATE |
| 3 | 2 | A140009-62 | STANDOFF INSULATOR MOLDED FIBERGLASS WITH STEEL 5/8-11 THREADED INSERTS RATED UL 94V-0 FILE E81713 |
| 4 | 4 | A766208 | GRADE 2 STEEL BOLT 5/8-11 X 1 HH PLATED ZINC & YELLOW DICHROMATE |
| 5 | 4 | A731062 | STEEL SPILT LOCK WASHER 5/8 PLATED ZINC & YELLOW DICHROMATE |

DIMENSIONS ARE IN INCHES AND
[] MILLIMETERS

WEIGHT:
10.11 LBS

DWG. A890002

GROUND BAR ASSEMBLY ISOLATED 19" RACK MOUNTED

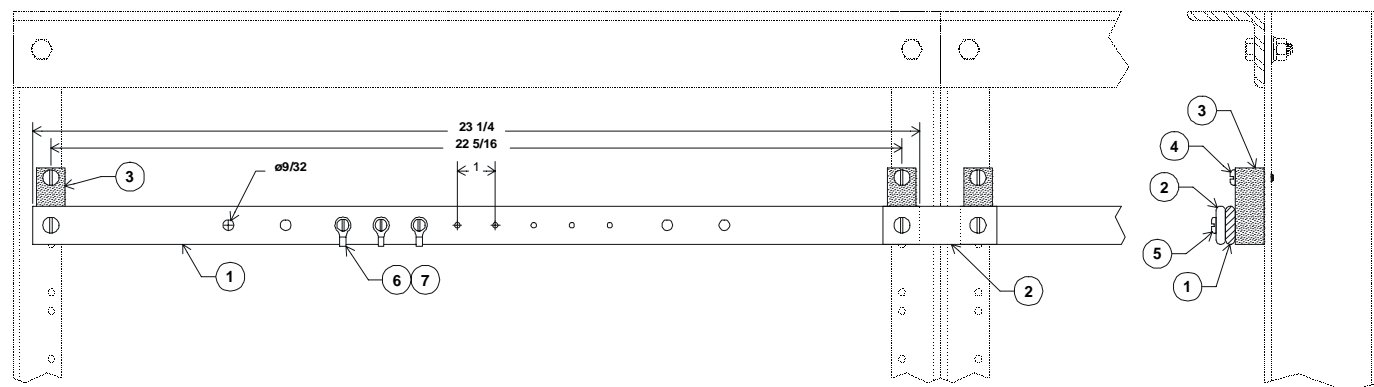


STOCK LIST

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|-------------|-------------------------|
| 1 | 1 | A130042-19 | GROUND BAR |
| 2 | 1 | A130042-2 | SPLICE BAR |
| 3 | 2 | A145026 | INSULATOR |
| 4 | 2 | A761208 | SCREW 12-24 X 1 PH SS |
| 5 | 2 | A761206 | SCREW 12-24 X 3/4 PH SS |
| 6 | 8 | A769013-3 | SCREW 8-32 X 3/8 PH SS |
| 7 | 8 | A130047-4 | TERMINAL LUG |

DWG. A131019

GROUND BAR ASSEMBLY ISOLATED 23" RACK MOUNTED

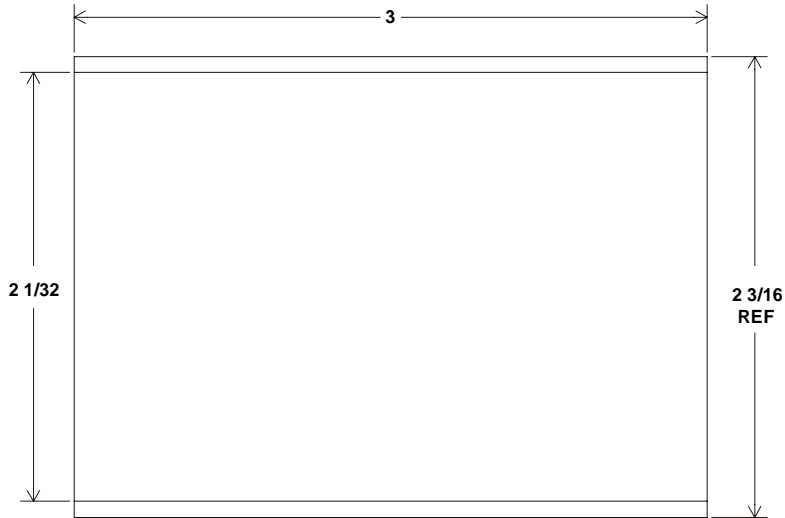


STOCK LIST

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|-------------|-------------------------|
| 1 | 1 | A130042-23 | GROUND BAR |
| 2 | 1 | A130042-2 | SPLICE BAR |
| 3 | 2 | A145026 | INSULATOR |
| 4 | 2 | A761208 | SCREW 12-24 X 1 PH SS |
| 5 | 2 | A761206 | SCREW 12-24 X 3/4 PH SS |
| 6 | 8 | A769013-3 | SCREW 8-32 X 3/8 PH SS |
| 7 | 8 | A130047-4 | TERMINAL LUG |

DWG. A890023

CHANNEL INSULATOR 2 X 1 CHANNEL



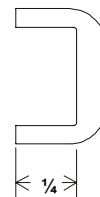
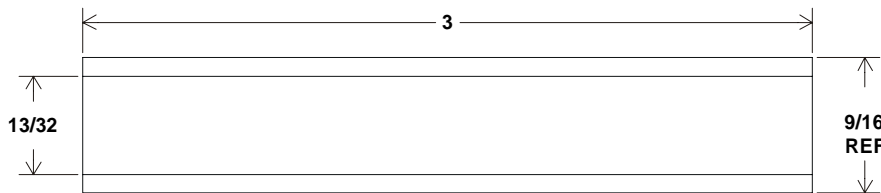
NOTES:

1. MATERIAL: 1/8 FLAME RETARDANT ABS
SHEET P1125000
2. FINISH: NONE
3. TOLERANCE: ±1/32

**MATERIAL IS RATED UL 94V-0
(UL E52355)**

DWG. A140004

INSULATOR CABLE RACK OR AUX FRAMING BAR



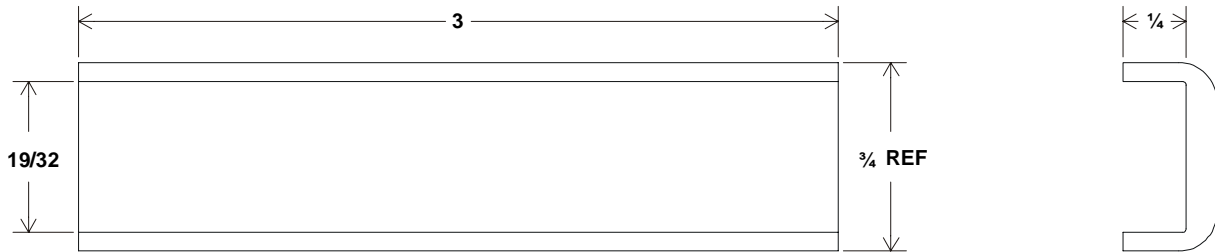
NOTES:

1. MATERIAL: 1/8 FLAME RETARDANT ABS
SHEET P1125000
2. FINISH: NONE
3. TOLERANCE: ±1/32

**MATERIAL IS RATED UL 94V-0
(UL E52355)**

DWG. A140005

INSULATOR 2 X 9/16 CHANNEL



NOTES:

1. MATERIAL: 1/8 FLAME RETARDANT ABS
SHEET P1125000
2. FINISH: NONE
3. TOLERANCE: $\pm 1/32$

**MATERIAL IS RATED UL 94V-0
(UL E52355)**

DWG. A140006

SCREW 1/4-20 PAN HEAD NYLON

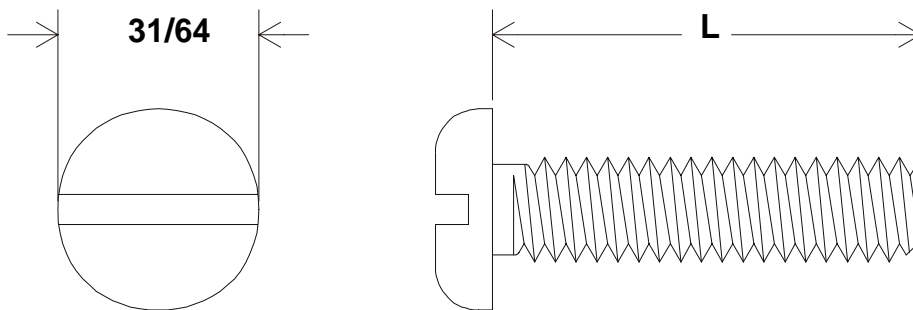


TABLE A

| PART NUMBER | L |
|-------------|-------|
| A7627 04 | 1/2 |
| A7627 06 | 3/4 |
| A7627 08 | 1 |
| A7627 12 | 1 1/2 |
| A7627 14 | 1 3/4 |
| A7627 16 | 2 |

DWG. A762700

HEX BOLT 1/4-20 NYLON

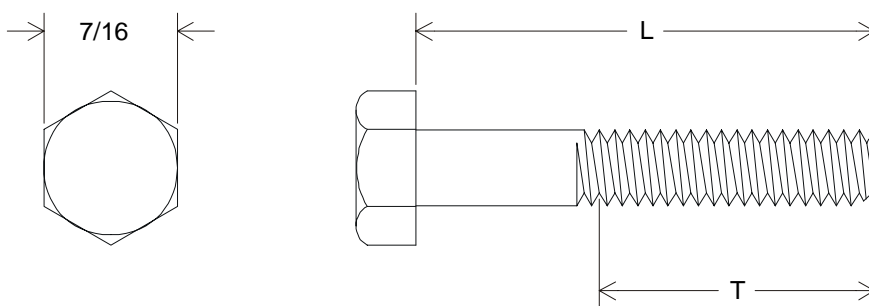
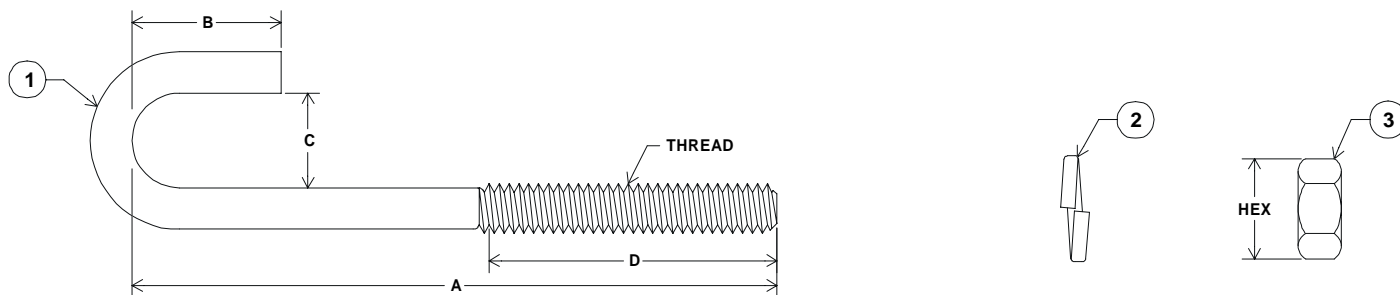


TABLE A

| PART NUMBER | L | T |
|-------------|-------|-----|
| A7622 04 | 1/2 | 1/2 |
| A7622 06 | 3/4 | 3/4 |
| A7622 08 | 1 | |
| A7622 10 | 1 1/4 | |
| A7622 12 | 1 1/2 | |
| A7622 16 | 2 | |

DWG. A762200

MISCELLANEOUS J BOLT ASSEMBLIES



STEEL PARTS PLATED ZINC & YELLOW DICHROMATE

STOCK LIST

| ITEM | ASSEMBLY | | | | | | | | | PART NUMBER | DESCRIPTION |
|------|----------|---|---|---|---|---|---|---|---|-------------|------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| 1 | 1 | | | | | | | | | A74 2514 | J BOLT 1/4-20 X 1 3/4 |
| 1 | | 1 | | | | | | | | A74 2518 | J BOLT 1/4-20 X 2 1/4 |
| 1 | | | 1 | | | | | | | A74 2526 | J BOLT 1/4-20 X 3 1/4 |
| 1 | | | | 1 | | | | | | A74 3118 | J BOLT 5/16-18 X 2 1/4 |
| 1 | | | | | 1 | | | | | A74 3126 | J BOLT 5/16-18 X 3 1/4 |
| 1 | | | | | | 1 | | | | A74 3130 | J BOLT 5/16-18 X 3 3/4 |
| 1 | | | | | | | 1 | | | A74 3226 | J BOLT 5/16-18 X 3 1/4 |
| 1 | | | | | | | | 1 | | A74 3734 | J BOLT 3/8-16 X 4 1/4 |
| 1 | | | | | | | | | 1 | A742523 | J BOLT 1/4-20 X 2 7/8 |
| 2 | 1 | 1 | 1 | | | | | | 1 | A7310 25 | LOCK WASHER 1/4 |
| 2 | | | | 1 | 1 | 1 | 1 | | | A7310 31 | LOCK WASHER 5/16 |
| 2 | | | | | | | | 1 | | A7310 37 | LOCK WASHER 3/8 |
| 3 | 1 | 1 | 1 | | | | | | 1 | A7700 25 | NUT 1/4-20 HEX |
| 3 | | | | 1 | 1 | 1 | 1 | | | A7700 31 | NUT 5/16-18 HEX |
| 3 | | | | | | | | 1 | | A7700 37 | NUT 3/8-16 HEX |

TABLE A

| PART NUMBER | A | B | C | D | THREAD | HEX | ASSY |
|-------------|-------|-----|------|-------|---------|------|------|
| A78200 1 | 1 3/4 | 1/2 | 1/4 | 3/4 | 1/4-20 | 7/16 | 1 |
| A78200 2 | 2 1/4 | 3/4 | 7/16 | 1 | | | 2 |
| A78200 3 | 3 1/4 | | | 1 1/2 | | | 3 |
| A78200 4 | 2 1/4 | | | 1 | 5/16-18 | 1/2 | 4 |
| A78200 5 | 3 1/4 | | | 3/4 | | | 5 |
| A78200 6 | 3 3/4 | | 5/16 | 1 1/4 | | | 6 |
| A78200 7 | 3 1/4 | | 5/16 | 1 1/2 | | | 7 |
| A78200 8 | 4 1/4 | | 1/2 | 1 1/4 | 3/8-16 | 9/16 | 8 |
| A782009 | 2 7/8 | | 7/16 | 1 1/4 | 1/4-20 | 7/16 | 9 |

DWG. A782000