48-00226

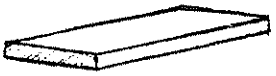
Materials Specification

PRINT ISSUED	TITLE	PART NO.
9-23-71	FLAT BAR, ALUMINUM 2024	48-00226
LAST CHG. LTR. C		SHEET 1 OF 2

SCOPE This specification identifies 2024 aluminum flat bar.

APPLICATION Used for high strength structural applications. Forming operations are limited. Fair corrosion resistance.

SKETCH



SPECIFICATION NUMBERS

SIZE THICKNESS	SIZE WIDTH	TEMPER	FREIGHTLINER SPECIFICATION NUMBER
1/8	3/8	T-4	48-00226-000
	1/2	T-4	-001
	5/8	T-4	-002
	3/4	T-4	-003
3/16	1/2	T-4	-004
	3/4	T-4	-005
1/4	1/2	T-4	-006
	5/8	T-4	-007
	3/4	T-4	-008
	1	T-4	-009
	1-1/4	T-4	-010
	1-1/2	T-4	-011
	2	T-4	-012
	4	T-4	-013
5/16	3/4	T-4	-014
3/8	1/2	T-4	-015
	3/4	T-4	-016
1/2	5/8	T-4	-017
	3/4	T-4	-018
3/16	1	T-351	-019
	1-1/4	T-351	-020
	1-1/2	T-351	-021
	2	T-351	-022
1/4	7/8	T-351	-023
	1	T-351	-024
	1-1/4	T-351	-025
	1-1/2	T-351	-026
	2	T-351	-027
	2-1/2	T-351	-028
	3	T-351	-029
5/16	1	T-351	-030
	1-1/4	T-351	-031
	1-1/2	T-351	-032
	2	T-351	-033
3/8	1	T-351	-034
	1-1/4	T-351	-035
3/8	1-1/2	T-351	48-00226-036
	2	T-351	-037
	2-1/2	T-351	-038
	3	T-351	-039
1/2	3/4	T-351	-040
	7/8	T-351	-041
	1	T-351	-042
	1-1/4	T-351	-043
	1-1/2	T-351	-044
	1-3/4	T-351	-045
	2	T-351	-046
	2-1/2	T-351	-047
	3	T-351	-048
	4	T-351	-049
5/8	3/4	T-351	-050
	7/8	T-351	-051
	1	T-351	-052
	1-1/4	T-351	-053
	1-1/2	T-351	-054
	2	T-351	-055
3/4	1	T-351	-056
	1-1/4	T-351	-057
	1-1/2	T-351	-058
	2	T-351	-059
	2-1/2	T-351	-060
1	1-1/4	T-351	-061
	1-1/2	T-351	-062
	1-3/4	T-351	-063
	2	T-351	-064
	2-1/2	T-351	-065
	3	T-351	-066
	4	T-351	-067
	6	T-351	-068
1-1/2	2	T-351	-069
	3	T-351	-070
B 2	2-1/4	T-351	-071
	2-1/2	T-351	-072
C 1	3-½	T-351	-073
C 1-½	2-½	T-4	-100

CHG	BY	DATE	
			WAS

CHG	BY	DATE	WAS
A	RLR	6-18-71	Added Note 2
B	RWG	9-10-71	Added dash numbers
C	MTD	8/21/79	Added -073 75255

ns

COMPILED	RLR	DATE DRAWN			UNIT OF MEASURE
APPROVED	Rarf	4-19-71			FT.

Portland FREIGHTLINER CORPORATION Oregon 97208

B C

E-183

48-00226

Materials Specification

PRINT ISSUED	TITLE	PART NO.
9-23-71	FLAT BAR, ALUMINUM 2024	48-00226
LAST CHG. LTR. C		SHEET 2 OF 2

SPECIFICATIONS

1. Bars herein described shall meet applicable provisions of ASTM B211-68.

2. Mechanical Properties:

TEMPER	MINIMUM PROPERTIES		
	TENSILE ULT. K.S.I.	YIELD K.S.I.	ELONGATION % IN 2 INCHES
T-4	62	45	10
T-351	62	45	10

CHG	BY	DATE	WAS
A	RLR	6-18-71	Added Note 2
B	RWG	9-10-71	Added dash numbers
C	TD	8-21-75	SEE SHT. 1 75253

CHG	BY	DATE	WAS

ns

COMPILED	RLR	DATE DRAWN			UNIT OF MEASURE
APPROVED		6-18-71			FT.

Portland FREIGHTLINER CORPORATION Oregon 97208

C B

E-183

48-00227

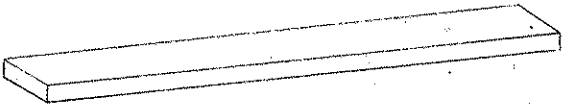
Materials Specification

PRINT ISSUED	TITLE	PART NO.
7-9-71	FLAT BAR, ALUMINUM 5086	48-00227
LAST CHG LTR B		SHEET 1 OF 2

SCOPE This specification identifies 5086 aluminum flat bar.

APPLICATION Offers resistance to stress corrosion and superior resistance to atmospheric corrosion plus good general workability. A high strength non-heat-treatable alloy.

SKETCH



SPECIFICATION NUMBERS

SIZE		TEMPER	FREIGHTLINER SPECIFICATION NUMBER
THICKNESS	WIDTH		
1/8	1	H-111	48-00227-000
	1-1/2	H-111	-001
	2	H-111	-002
3/16	1	H-111	-003
	1-1/4	H-111	-004
	1-1/2	H-111	-005
	2	H-111	-006
	2-1/2	H-111	-007
1/4	1	H-111	-008
	1-1/2	H-111	-009
	1-3/4	H-111	-010
	2	H-111	-011
	2-1/2	H-111	-012
	3	H-111	-013
	4	H-111	-014
	6	H-111	-015
3/8	1	H-111	-016
	1-1/2	H-111	-017
	2	H-111	-018
	3	H-111	-019
	4	H-111	-020
	6	H-111	-021
1/2	1	H-111	-022
	1-1/2	H-111	-023
	2	H-111	-024
5/8	1-1/2	H-111	-025
	2-1/2	H-111	-026

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	RWG	5-12-71	2024
B	RLR	6-18-71	See sheet 2

ns

COMPILED	RLR	DATE DRAWN			UNIT OF MEASURE
APPROVED		4-21-71			LB.

Portland FREIGHTLINER CORPORATION Oregon 97208

E-183

Materials Specification

PRINT ISSUED	TITLE	PART NO.
7-9-71	FLAT BAR, ALUMINUM 5086	48-00227
LAST CHG LTR. B		SHEET 2 OF 2

SPECIFICATIONS

1. Bars described herein shall meet applicable provisions of ASTM B209-68.

2. Mechanical Properties:

TEMPER	MINIMUM PROPERTIES		
	TENSILE ULT. K.S.I.	YIELD K.S.I.	ELONGATION % IN 2 INCHES
H-111	36	21	12

CHG	BY	DATE	WAS
A	RLR	6-18-71	Added Note 2
B			See sheet 1

CHG	BY	DATE	WAS

ns

COMPILED	RLR	DATE DRAWN			UNIT OF MEASURE
APPROVED		6-18-71			LB.

Portland FREIGHTLINER CORPORATION Oregon 97208

DRAWN	DAJ	TITLE	DRAWING NUMBER
APPRV	DAJ	FLAT BAR - ALUMINUM 6061	48-00228
DATE	07/21/97	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. AV
CATIA ORIGINAL			

SCOPE: THIS SPECIFICATION IDENTIFIES 6061 ALUMINUM FLAT BAR.

APPLICATION: GOOD FORMABILITY, WELDABILITY, AND CORROSION RESISTANCE. ONE OF THE MOST VERSATILE HEAT TREATABLE ALLOYS. SUPERIOR ANODIZING CHARACTERISTICS AND USED EXTENSIVELY IN FORGING APPLICATIONS.

SPECIFICATION NUMBER:

	SIZE		TEMPER	FREIGHTLINER SPECIFICATION NUMBER
	THICKNESS	WIDTH		
AV	1/8	3/4	T6	48-00228-273
		1 1/4		48-00228-254
		2		48-00228-261
	3/16	1 1/4	T6	48-00228-255
AU	1/4	1 1/2	T4	48-00228-272
		3/4	T6511	48-00228-000
		1		48-00228-001
		1 1/4		48-00228-002
		1 1/2		48-00228-250
		2		48-00228-003
		3		48-00228-004
		3 1/2		48-00228-266
		4		48-00228-251
	5/16	1 1/4	T6511	48-00228-256
		2		48-00228-262
	3/8	1	T6511	48-00228-005
		1 1/4		48-00228-257
AS		1 1/2	T6	48-00228-271
		2	T6511	48-00228-007
		2 1/2		48-00228-265
		3		48-00228-008
		4		48-00228-009
		5		48-00228-253
	1/2	1	T6511	48-00228-040
		1 1/4		48-00228-258
		1 1/2		48-00228-263
		2		48-00228-041
		3 1/2		59-00228-259
		4		48-00228-043

SIZE		TEMPER	FREIGHTLINER SPECIFICATION NUMBER	
THICKNESS	WIDTH			
9/16	3/4	T6511	48-00228-045*	
	3/4	T4	48-00228-130*	
5/8	1 1/2	T6511	48-00228-270	AS
	2		48-00228-268	
	4		48-00228-264	
3/4	1 1/2	T6511	48-00228-060	
	1 1/4		48-00228-061	
	4		48-00228-252	
1	1 1/4	T6511	48-00228-067	
	1 1/2		48-00228-063	
	1 3/4		48-00228-065	
	2		48-00228-066	
	2 1/2		48-00228-064	
	3		48-00228-068	
	3 1/2		48-00228-260	
	4		48-00228-269	
	5		48-00228-070	
1 1/4	2	T6511	48-00228-072	
	4		48-00228-073	
1 1/2	2	T6511	48-00228-267	
	2 1/2		48-00228-081	
	3		48-00228-074	
	3 1/4		48-00228-075	
	4		48-00228-080	
2	2 1/2	T6511	48-00228-085	
	3		48-00228-086	
	4		48-00228-088	
2 1/2	3	T6511	48-00228-269	AR
3	4	T6511	48-00228-076	AT

* (REF) 48-00536-001 IS SIMILAR.

ENGINEERING NOTES:

1. BARS HEREIN DESCRIBED SHALL MEET APPLICABLE PROVISIONS OF QQ-A-200/8.
2. MINIMUM MECHANICAL PROPERTIES:

TEMPER	TENSILE (ULT) K.S.I.	YEILD K.S.I.	ELONGATION (%) IN 2.000 INCHES
T4	26	16	16
T6, T6511	38	35	8-10**

CHG	JOB NO	DATE	BY	REVISION
AR	910635-01	07/21/97	DAJ	REVISED AND REDRAWN IN CATIA, ADDED -269.
AS	P00099-02	10/16/97	DAJ	ADDED -270 & -271.
AT	PA2042-83	03/23/98	DAJ	ADDED REFERENCE NOTE.
AU	P09204-01	07/01/99	CGD	ADDED 48-00228-272.
AV	P10322-01	11/01/99	LFB	ADDED 48-00228-273.

DRAWN	DAJ	TITLE	DRAWING NUMBER
APPRV	DAJ	BAR-FLAT AL. 6063	48-00229
DATE	12/18/97	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. L
CATIA ORIGINAL			

SCOPE: THIS SPECIFICATION IDENTIFIES 6063 ALUMINUM FLAT BAR.

APPLICATION: ARCHITECTUAL EXTRUSIONS, PIPE RAILINGS, ETC.

SIZE		TEMPER	FREIGHTLINER SPEC NO
THCKNSS	WIDTH		
1/8	3/4	T52	48-00229-003
	1		48-00229-004
	1 1/4		48-00229-005
	1 1/2		48-00229-006
3/16	1	T52	48-00229-012
	1 1/4		48-00229-013
	1 1/2		48-00229-014
	2 1/2		48-00229-016
L 1/4	1/2	T52	48-00229-017
	1 1/4		48-00229-021
	2 1/2		48-00229-025
	4		48-00229-027
3/8	4	T4	48-00229-340
	5		48-00229-345

SIZE		TEMPER	FREIGHTLINER SPEC NO
THCKNSS	WIDTH		
1/2	3/4	T5	48-00229-036
	1		48-00229-037
	1 1/4		48-00229-038
	1 1/2		48-00229-039
	2		48-00229-040
	2 1/2		48-00229-041
	3		48-00229-042
3/4	1	T5	48-00229-043
	1 1/2		48-00229-044
	2		48-00229-045
	3 1/4		48-00229-051
1	1 1/2	T5	48-00229-046
	2		48-00229-047
	3 1/4		48-00229-052
1 1/2	3 1/4	T5	48-00229-048
2	2 1/2	T5	48-00229-055

SPECIFICATIONS:

1. MATERIAL: ALUMINUM 6063
2. BARS HEREIN DESCRIBED SHALL MEET APPLICABLE PROVISIONS OF QQ-A-200/8.
3. MINIMUM MECHANICAL PROPERTIES:

TEMPER	TENSILE (ksi)	YIELD (ksi)	ELONG % IN 2"
T4	19	10	14
T5	21	15	8
T52	22	16	8

CHG	JOB NO	DATE	BY	REVISION
L	P02211-17	12/18/97	DAJ	REVISED AND REDRAWN, ADDED 017 AND NOTE 1.

48-00230

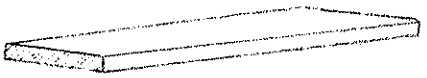
Materials Specification

PRINT ISSUED	TITLE	PART NO.
9/13/71	FLAT BAR, ALUMINUM 5052	48-00230
LAST CHG. LTR. A		SHEET 1 OF 2

SCOPE This specification identifies aluminum 5052 flat bar.

APPLICATION Very good corrosion resistance, good workability, weldability, and strength.

SKETCH



SPECIFICATION NUMBERS

THICKNESS	WIDTH	TEMPER	FREIGHTLINER SPECIFICATION NUMBER
1/8	3/8	H 32	48-00230-000
	1/2		-001
	5/8		-002
	3/4		-003
	1		-004
	1- 1/4		-005
	1- 1/2		-006
	1- 3/4		-007
	2		-008
	4		-009
3/16	1/4		-010
	1/2		-011
	3/4		-012
	1		-013
	1- 1/4		-014
	1- 1/2		-015
	2		-016
	2- 1/2		-017
1/4	1/2		-018
	5/8		-019
	3/4		-020
	7/8		-021
	1		-022
	1- 1/4		-023
	1- 1/2		-024
	1- 3/4		-025
	2		-026
	2- 1/2		-027
	3		-028
	4		-029
	6		-030
5/16	3/4		-031
	1		-032
	1- 1/4		-033
	1- 1/2		-034
	2		-035
3/8	1/2	H 32	48-00230-036
	5/8		-037
	3/4		-038
	1		-039
	1- 1/4		-040
	1- 1/2		-041
	2		-042
	2- 1/2		-043
	3		-044
	4		-045
	6		-046
1/2	5/8		-047
	3/4		-048
	7/8		-049
	1		-050
	1- 1/4		-051
	1- 1/2		-052
	1- 3/4		-053
	2		-054
	2- 1/2		-055
	3		-056
	4		-057
	6		-058
	8		-059
	10		-060
5/8	3/4		-061
	7/8		-062
	1		-063
	1- 1/4		-064
	1- 1/2		-065
	2		-066
	2- 1/2		-067
3/4	1		-068
	1- 1/4		-069
	1- 1/2		-070
	2		-071

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	HJR	12-20-72	See page 2; J #60640

ns

COMPILED	RLR	DATE DRAWN			UNIT OF MEASURE
APPROVED		8-26-71			FT.

Materials Specification

PRINT ISSUED	TITLE	PART NO.
9-13-71	FLAT BAR, ALUMINUM 5052	48-00230
LAST CHG LTR A		SHEET 2 OF 2

CHG	BY	DATE
A		WAS

SPECIFICATION NUMBERS (CONT.)

THICKNESS	WIDTH	TEMPER	FREIGHTLINER SPECIFICATION NUMBER
3/4	2- 1/2	H 32	48-00230-072
	3		-073
	3- 1/2		-074
	4		-075
	6		-076
1	1- 1/4		-077
	1- 1/2		-078
	1- 3/4		-079
	2		-080
	2- 1/2		-081
	3		-082
	3-1/2		-083
	4		-084
	5		-501
	6		-085
1-1/4	1- 1/2		-086
	2		-087
	2- 1/2		-088
	2- 3/4		-089
	3		-090
1-1/2	2		-091
	2- 1/2		-092
	3		-093
	4		-094
	6		-095

THICKNESS	WIDTH	TEMPER	FREIGHTLINER SPECIFICATION NUMBER
1-3/4	2	H 32	48-00230-096
	3		-097
	4		-098
2	2- 1/4		-099
	2- 1/2		-100
	3		-101
	4		-102
	6		-103
2-1/2	3		-104
	3- 1/2		-105
	4		-106
	6		-107
3	4		-108
	5		-109
	6		-110
4	6		-111

CHG	BY	DATE
A	HJR	12-20-72
		WAS Add -501; J#60640

SPECIFICATIONS

1. Plate herein described shall meet applicable provisions of ASTM B209.

2. Mechanical Properties:

TEMPER	MINIMUM PROPERTIES		
	TENSILE ULT. KSI	YIELD KSI	ELONGATION % IN 2 INCHES
H 32	31	23	4 - 12*

*Varies with Thickness

		DATE DRAWN			UNIT OF MEASURE
COMPILED	RLR	8-26-71			FT.
APPROVED					

ns

Portland FREIGHTLINER CORPORATION Oregon 97208

48-00231

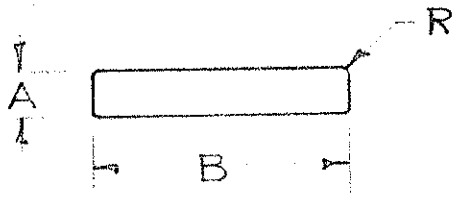
Materials Specification

PRINT ISSUED	TITLE	PART NO.
	FLAT BAR, ALUMINUM 6351	48-00231
LAST CHG LTR		SHEET 1 OF 1

SCOPE This specification identifies flat bar aluminum of 6351 alloy.

APPLICATION Bumper step, etc.

SKETCH



SPECIFICATION NUMBERS

A	B	R (APPROX.)	TEMPER (1)		FREIGHTLINER SPECIFICATION NUMBERS
3/16	1-1/4	.010	T4		48-00231-019

SPECIFICATIONS

(1) Material: Shall comply with pertinent provisions of ASTM B221-65.

2. Finish: As extruded.

ENGINEERING NOTES

1. Mechanical Properties:

TENSILE ULTIMATE k.s.i.	STRENGTH YIELD k.s.i.	ELONGATION IN 2 INCHES %
36	20	20

		DATE DRAWN			UNIT OF MEASURE
COMPILED	HJR	9-11-72			FT.
APPROVED	Rollins				

Portland FREIGHTLINER CORPORATION Oregon 97208

WAS | DATE | BY | CHG

WAS J #60000 | DATE — | BY — | CHG —

ns

48-00232

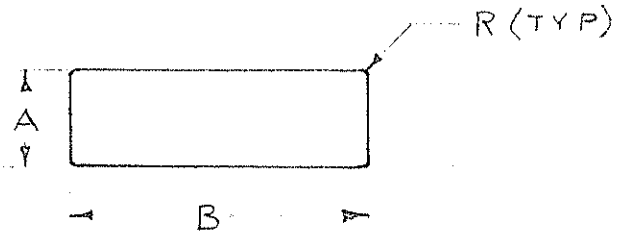
Materials Specification

PRINT ISSUED	TITLE	PART NO.
	FLATBAR, ALUMINUM 6262	48-00232
LAST CHG LTR		SHEET 1 OF 1

SCOPE This specification identifies aluminum flatbar in 6262 alloy.

APPLICATION General use, machined and non-machined.

SKETCH



SPECIFICATION NUMBERS

A	B	R	TEMPER (1)		FREIGHTLINER SPECIFICATION NUMBER
1-1/2	3	.010	-T6		48-00232-045

SPECIFICATIONS

(1) MATERIAL: Aluminum alloy 6262 (For "Temper", see table above.)

2. FINISH: As rolled or extruded.

ENGINEERING NOTES

1. Mechanical Properties:

TEMPER	MINIMUM PROPERTIES		
	TENSILE ULT. K.S.I.	YIELD K.S.I.	ELONGATION % IN 2 INCHES
T6 T651	45	40	17
T9	58	55	10

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
1	1	-	J #60140

COMPILED	HJR	DATE DRAWN			UNIT OF MEASURE
APPROVED	Rollins	10-31-72			FT.

ns

Portland FREIGHTLINER CORPORATION Oregon 97208

E-183

48-00276

Materials Specification OA

PRINT ISSUED	TITLE	PART NO.
7-9-71	SQUARE BAR, ALUMINUM 2024	48-00276
LAST CHG LTR C		SHEET 1 OF 1

CHG	BY	DATE	WAS
C	ERK	12/05/88	Dwg Update-P*A078-92

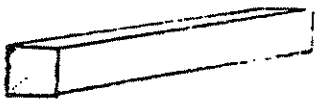
SCOPE

This specification identifies 2024 aluminum square bar, rolled or cold finished.

APPLICATION

Used for high strength structural applications or as screw machine stock. Forming operations are limited. Fair corrosion resistance.

SKETCH



SPECIFICATION NUMBERS

SIZE	TEMPER	FREIGHTLINER SPECIFICATION NUMBERS
1/4	T-4	48-00276-
3/8	T-4	-
3/4	T-4	-005
7/8	T-4	-006
1/2	T-351	-
5/8	T-351	-
3/4	T-351	-
1	T-351	-010
1-1/8	T-351	-
1-1/4	T-351	-012
1-3/8	T-351	-
1-1/2	T-351	-014
1-3/4	T-351	-015

SIZE	TEMPER	FREIGHTLINER SPECIFICATION NUMBERS
2	T-351	48-00276-016
2-1/2	T-351	-
3	T-351	-
3-1/2	T-351	-
4	T-351	-

CHG	BY	DATE	WAS
A	RLR	6-18-71	Added Note 2
B	FHF	3-2-87	Delete -021 thru -026
			Rev. Mech. Prop.
			#4279C

Temper	Thickness, Inches	Minimum Mechanical Properties		
		Ult. Tensile Str., KSI	0.2% Offset Yield Str., KSI	Elong. in 2", %
2024-T4	Up thru 0.499	62.0	45.0	10
	0.500 - 4.500	62.0	42.0	10
2024-T351	Up thru 6.500	62.0	45.0	10

COMPILED	TJW	DATE DRAWN			UNIT OF MEASURE
APPROVED	TJW	3/3/87		OA 134	LB IN.

USA Portland FREIGHTLINER CORPORATION Oregon 97208

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48-00277

Materials Specification

PRINT ISSUED	TITLE	PART NO.
9-23-71	SQUARE BAR, ALUMINUM 6061	48-00277
LAST CHG. LTR. D		SHEET 1 OF 1

CHG	BY	DATE	WAS
D1	MS	9-19-79	ADDED T6 92823

CHG	BY	DATE	WAS
A	RLR	6-18-71	Added Note 2
B	RWG	9-10-71	Added -004
C	TD	3-12-79	Added -005 Joe# 66345
D	MS	9-19-79	ADDED -004 THRU -008

92823

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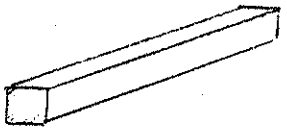
SCOPE

This specification identifies 6061 aluminum square bar.

APPLICATION

Good formability, weldability, and corrosion resistance. One of the most versatile of the heat treatable alloys. Superior anodizing characteristics and used extensively for screw machine stock and forging applications.

SKETCH



SPECIFICATION NUMBERS

SIZE	TEMPER	FREIGHTLINER SPECIFICATION NUMBERS	
3/4	T-6511	48-00277-000	
1	T-6511	-001	
1-1/4	T-6511	-002	
1-1/2	T-6511	-003	
3/4	T-6	-004	(D)
1	T-6	-005	(D)
1 1/4	T-6	-006	(D)
1-1/2	T-6	-007	(D)
2	T-6	-008	(D)

SPECIFICATIONS

1. Bars herein described shall meet applicable provisions of ASTM - B211-68.
2. Mechanical Properties:

	TEMPER	MINIMUM PROPERTIES		
		TENSILE ULT. K.S.I.	YIELD K.S.I.	ELONGATION % IN 2 INCHES
	T-6511	38	35	8 - 10*
(D.)	T-6	42	35	10

*Varies with Thickness

COMPILED	RLR	DATE DRAWN			UNIT OF MEASURE
APPROVED		4-22-71			FT.

Portland FREIGHTLINER CORPORATION Oregon 97208

C B D

E-183

48-00278

Materials Specification

PRINT ISSUED	TITLE	PART NO.
9-23-71	SQUARE BAR, ALUMINUM 6063	48-00278
LAST CHG LTR: B		SHEET 1 OF 1

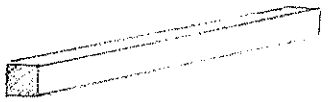
SCOPE

This specification identifies 6063 aluminum square bar.

APPLICATION

Architectural extrusions, pipe railing

SKETCH



SPECIFICATION NUMBERS

SIZE	TEMPER	FREIGHTLINER SPECIFICATION NUMBERS
1/4	T-5	48-00278-000
3/8	T-5	-001
1/2	T-5	-002
5/8	T-5	-003
3/4	T-5	-004
1	T-5	-005
1-1/4	T-5	-006
1-1/2	T-5	-007

B

SIZE	TEMPER	FREIGHTLINER SPECIFICATION NUMBER
3/4	T6	48-00278-104

SPECIFICATIONS

1. Bars herein described must meet applicable provisions of ASTM B221-68.
2. Mechanical Properties:

TEMPER	MINIMUM PROPERTIES		
	TENSILE ULT. K.S.I.	YIELD K.S.I.	ELONGATION % IN 2 INCHES
T-5	21 - 22*	15 - 16*	8

*Varies with Thickness

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	RLR	6-18-71	Added Note 2
B	RWG	9-10-71	Added -104

ns

COMPILED	RLR	DATE DRAWN			UNIT OF MEASURE
APPROVED		4-22-71			FT.

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