

SCAFFOLDING & FORMWORK, ESTABLISHED IN 1991.

SCAFFOLD CATALOGUE 2019



United Scaffold Supply Company Inc www.unitedscaffold.ca info@unitedscaffold.ca



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INTRODUCTION



United Scaffold Supply Company Inc.

Since the company's beginning in 1991, we have specialized in design, sales, rentals and labour services for Scaffold and Formwork Systems.

All United Scaffold Access and Formwork Equipment is developed to the highest and up-to-date specifications, and are designed to meet or exceed the CSA and OSHA requirements.

Through placing heavy investment in research and development, we are able to assure full certification of our team and products.

We are BCCSA COR certified.

All engineered drawings and pricing available upon request.



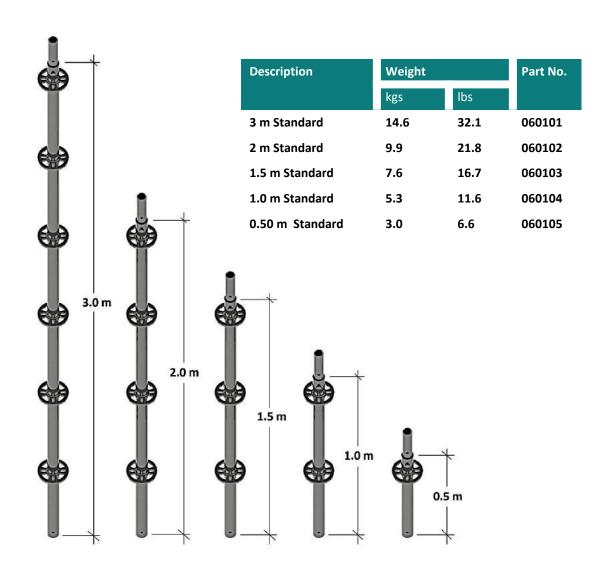






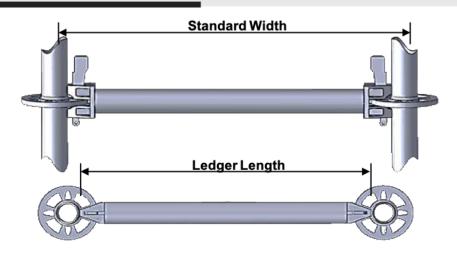
STANDARD



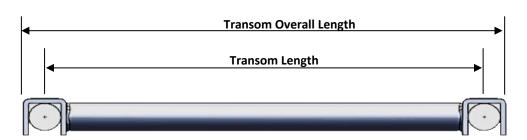




LEDGER/TRANSOM



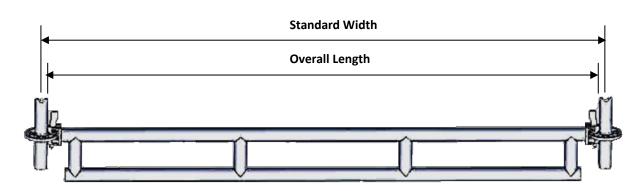
Description	Standard	Width	Ledger	Ledger Length			Part No.
	m	ft	m	ft	kgs	lbs	
10 ' Ledger	3.05	10'	3.00	9'10"	11.1	24.5	060201
7' Ledger	2.13	7′	2.08	6'10"	8.0	17.6	060202
5' 2" Ledger	1.57	5′2″	1.52	5′	6.1	14.8	060203
3' 10" Ledger	1.22	4'	1.10	3′10″	4.6	10.1	060204
2' 2" Ledger OTHER SIZES AVAILABLE UPON REQUEST	0.65	2'2"	.60	2′	3.0	7.2	060205



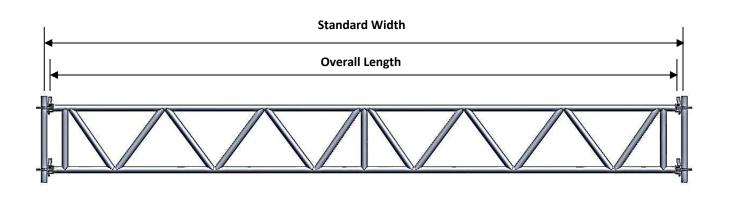
Description	Transom	Length	Transom	Overall Length	Weight		Part No.
	m	ft	m	ft	kgs	lbs	
7' Transom	2.13	7'	2.21	7′2″	9.0	19.8	060301
5' 2" Transom	1.57	5′2″	1.65	5'4"	7.0	15.4	060302
3' 10" Transom	1.15	3'10"	1.23	4'	5.5	12.1	060303
2" 2" Transom	0.65	2′2″	.73	2'4"	4.5	9.9	060304



DOUBLE LEDGER/LATTICE GIRDER



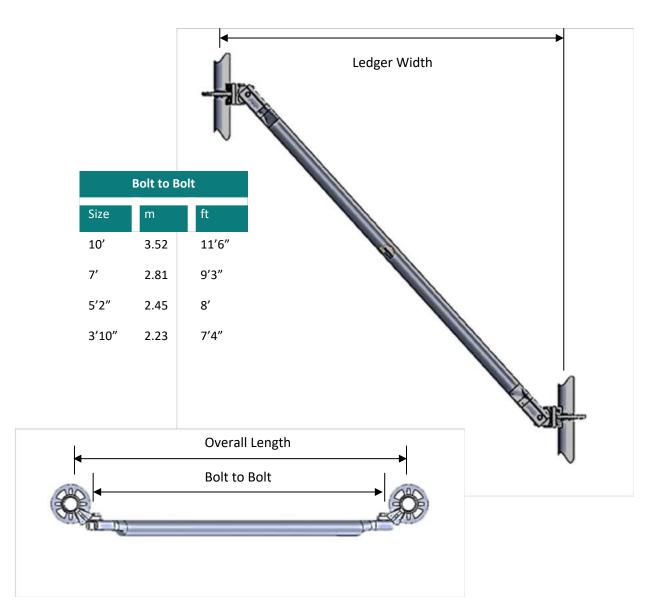
Description	Standar	Standard Width		Overall Length			Part No.
	m	ft	m	ft	kgs	lbs	
10 ' Double Ledger	3.05	10′	3.68	12' 1"	23.40	51.59	060206
7' Double Ledger	2.13	7′	2.96	9' 9"	16.50	36.38	060207



Description	Standar	d Width	Overall	Length	ength Weight		
	m	ft	m	ft	kgs	lbs	
28' Lattice Girder	8.52	28′	8.47	27'10"	96.0	211.2	060801
21' Lattice Girder	6.39	21'	6.34	20'10"	71.2	156.6	060802
17' Lattice Girder	5.18	17'	5.13	16'10"	59.0	129.8	060803
14' Lattice Girder	4.26	14'	4.21	13'10"	48.5	106.7	060804



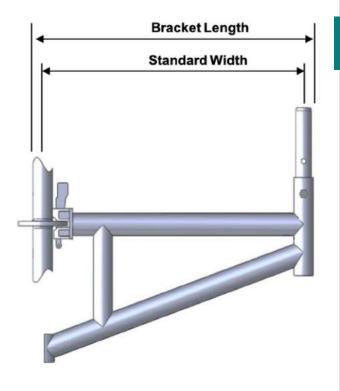
BAY BRACE



Description	Ledger W	Ledger Width		Length	Weight	t	Part No.
	m	ft	m	ft	kgs	lbs	
10 ' Bay Brace	3.05	10'	3.68	12′ 1″	11.4	25.5	060401
7' Bay Brace	2.13	7'	2.96	9′ 9″	9.5	21.8	060402
5' 2" Bay Brace	1.57	5′2″	2.60	8′ 7″	8.5	19.1	060403
3' 10" Bay Brace	1.15	3′10″	2.37	7' 9"	7.9	17.7	060404



SIDE BRACKET



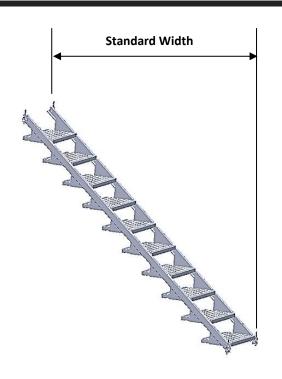
Description	Bracket I	Length	Weight		Part No.
	m	ft	kgs	lbs	
2' 11" Side Bracket	0.88	2'11"	10.45	23.0	060601
2' 2" Side Bracket	0.65	2'2"	6.88	15.2	060602
2'11" Wall Side Bracket	.88	2'11"	10.45	23.0	060604
2'2" Wall Side Bracket	.65	2′2″	6.88	15.2	060605

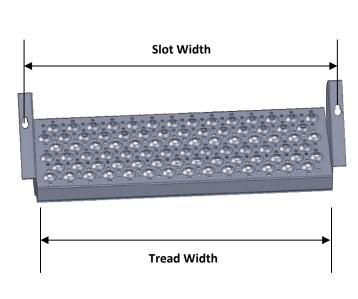


Bracket Length
Standard Width

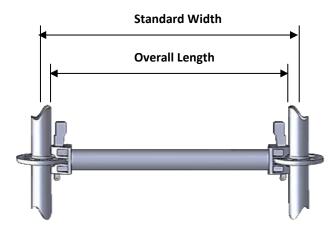


STAIR STRINGER SET





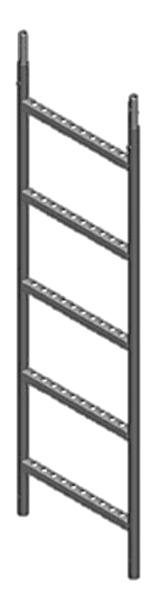
Standard Width		Stringer Length		Weight	Weight		Tre	ead W	idth/	Slot S	Spacing	Weig	ht	Part No.
m	ft	m	ft	kgs	lbs		m		ft	m	ft	kgs	lbs	
2.13	7'	2.99	9'10"	21.00	46.00	060901	.81		32"	.86	34"	7.4	16.3	060902



Description	Standar	Standard Width		ength	Weight	:	Part No.
	m	ft	m	ft	kgs	lbs	
3' 6" Stair Ledger	1.07	3'6"	1.04	3'4"	4.4	9.6	060903

STEEL LADDER/LADDER BRACKET

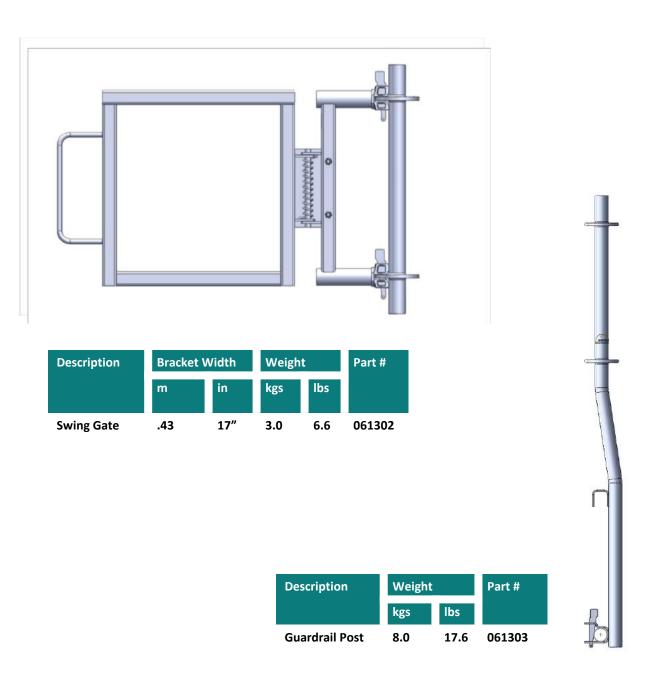
Description	Bracke	Bracket Width			Part #
	m	in	kgs	lbs	
Ladder Bracket	.43	17"	3.0	6.6	061201





Description	Laddei	Height	Ladde	r Width	Weig	ht	Part #
	m	in	m	in	kgs	lbs	
5' Ladder	1.52	5'	.43	17"	6.5	14.3	061101
3' Ladder	.91	3′	.43	17"	4.2	9.24	061102

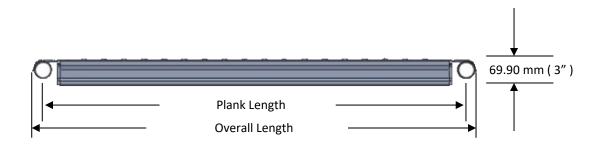
SWING GATE/GUARDRAIL POST





STEEL PLANK

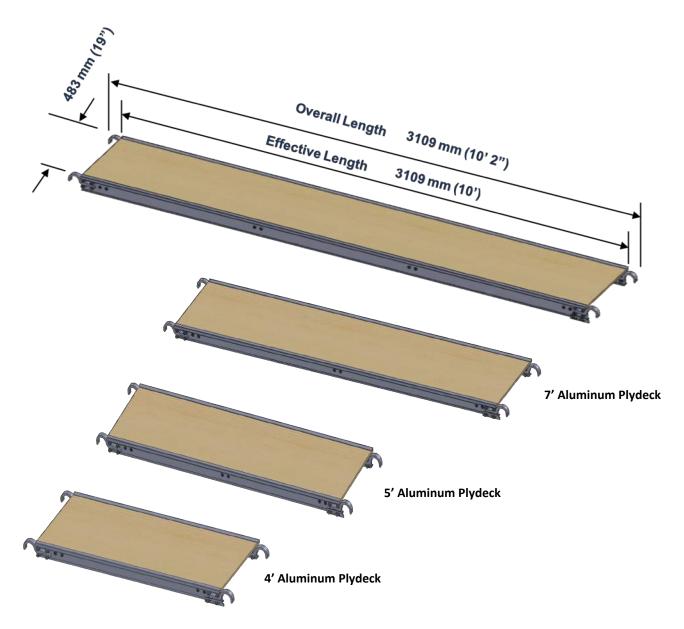




Description	Plank Len	Plank Length C		Overall Length		Weight	
	m	in	m	in	kgs	lbs	
10' Steel Plank	3.05	10'	3.11	10'2"	18.5	40.7	061701
7' Steel Plank	2.13	7'	2.19	7'2"	13.0	28.6	061702
5' 2" Steel Plank	1.57	5′2″	1.63	5'4"	10.5	10.5	061703
3' 10" Steel Plank	1.15	3'10"	1.21	4'0"	7.20	7.20	061704
2' 2" Steel Plank	0.65	2′2″	0.71	2'4"	5.20	5.20	061705



ALUMINUM PLYDECK



Description	Overall Length		Effective Length		Weight	Weight	
	m	in	m	in	kgs	lbs	
10' x 19" Aluminum Plydeck	3.11	10" 2"	3.05	10'	18.22	40.17	070401
7' x 19" Aluminum Plydeck	2.20	7' 2"	2.13	7'	13.24	29.19	070402
5' x 19" Aluminum Plydeck	1.58	5′ 2″	1.52	5′	9.11	20.08	070404
4' x 19" Aluminum Plydeck	1.28	4′ 2″	1.22	4'	7.28	16.05	070405

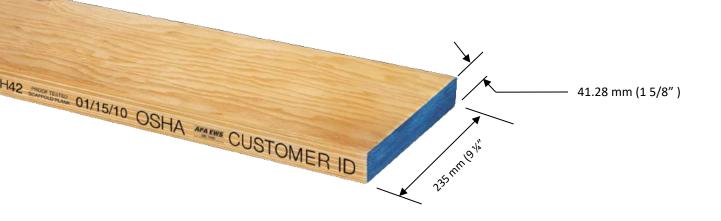
^{*}Most decks also available at 24" wide



QUALITY BEGINS WITH



1 5/8" x 9 1/2" LVL PLANK



Stiffness EI x 10 5 **Allowable Moment Allowable Shear** Service Condition (lbs -in2) (lbs - in)(lbs - in) **Dry Use** 6.08 968 157 Wet Use 842 5.41 117

ADDITIONAL SPECIFICATIONS:

Species: Douglas Fir

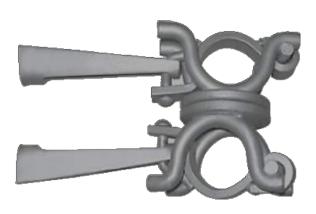
Adhesive: Waterproof Phenolic **Edges:** Eased for easy handling

Description	Overall Length		Weight		Part #
	m	in	kgs	lbs	
16' LVL Plank	4.89	16'	28.00	61.73	061509
12' LVL Plank	3.66	12'	21.00	46.30	061501
10' LVL Plank	3.05	10'	17.50	38.59	061502
8' LVL Plank	2.44	8'	14.00	30.86	061503
6' LVL Plank	1.83	6'	10.50	23.15	061504
5' LVL Plank	1.52	5'	8.75	19.29	061505
4' LVL Plank	1.22	4'	7.00	15.43	061506
3' LVL Plank	0.91	3′	5.25	11.57	061507
2' LVL Plank	0.61	2'	3.50	7.72	061508





Right Angle Wedge Clamp



Swivel Wedge Clamp

Description	Slip Load (lbs)	Ultimate Load	Weight	Part #	
		(lbs)	kgs	lbs	
Right Angle Wedge Clamp 1.90" x 1.90"	4043	10078	1.5	3.3	061601
Swivel Wedge Clamp 1.90" x 1.90"	4137	7530	1.6	3.5	061602



Description		

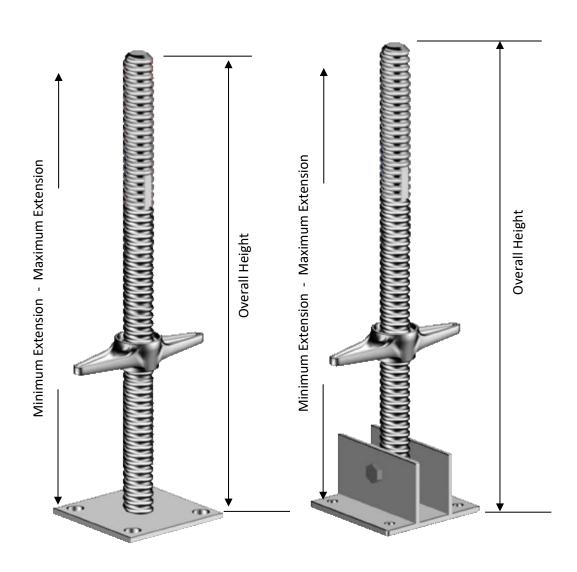
Aluminum Tube (lengths available upon request)

Weight	Part #	
kgs/f t	lbs/ ft	
1.5	3.3	061801



Description	Rosette Spacing		Weigh	t	Part #	
	m	in	kgs	lbs		
Re-enforcing rod	0.5	19.6	3.2	7.0	061805	_





Description	Maximur	Maximum Extension		Minimum Extension		Overall Height		ht	Part No.
	m	in	m	In	m	in	kgs	lbs	
Screw Jack	.38	15.0	.058	2	.53	21	7.6	17.0	060501
Swivel Jack	.43	17.0	.13	3.5	.60	24	8.2	18.36	060502



Description	Weight		Part #
	kgs	lbs	
12" Caster with Jack	21.00	46.30	061905
Caster (only)	16.80	37.00	061903
Caster Jack (only)	4.2	9.25	061807





Description	Weight		Part #
	kgs	lbs	
Spigot Adaptor	1.80	3.96	0618011

Description	Weigh	Weight	
	kgs	lbs	
End to End Connector	1.45	3.96	061603







Description	Weight	Weight		
	kgs	lbs		
Rase Collar	1 9		061804	

Description	Weight	Weight		
	kgs	lbs		
D-Pin	.10	.22	061802	



Weight

kgs

1.5



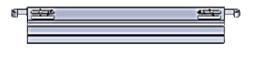


Description

I-Beam Clamp

Part #

061806

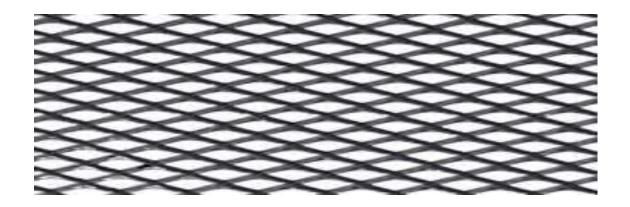


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Description	Steel Toe Board Length		Weigh	t	Part No.
	m	In	kgs	lbs	
4' Steel Toe Board	.30 m	3'10"	.59	1.30	062101
5' Steel Toe Board	.61 m	5′2″	1.17	2.58	062102
7' Steel Toe Board	1.22 m	7'	2.34	5.16	062103
10' Steel Toe Board	1.52 m	10'	2.93	6.46	062104







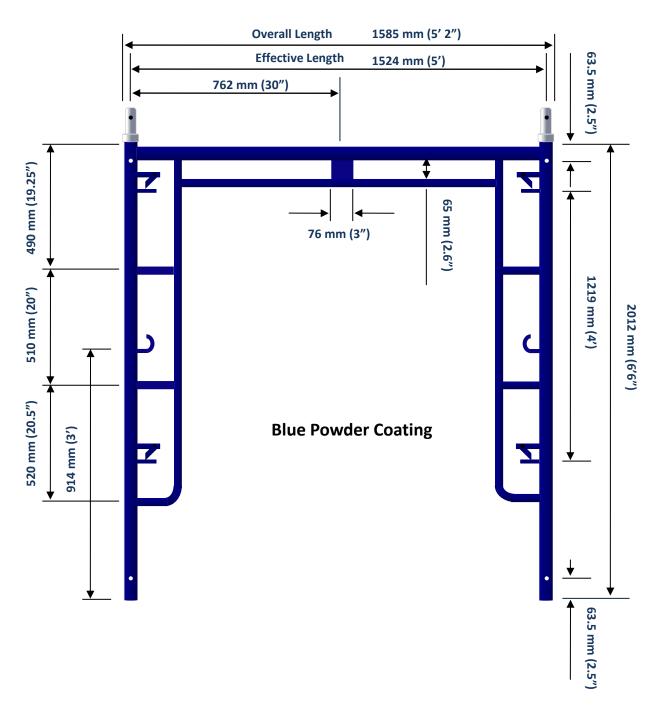
Description	Weight (kgs)	Part No.		
	kgs	lbs		
1' x 4' Grid Mesh	4.50	9.92	062201	
2' x 2' Grid Mesh	4.50	9.92	062202	
2' x 4' Grid Mesh	9.50	20.94	062203	
4' x 4' Grid Mesh	18.5	40.78	062204	







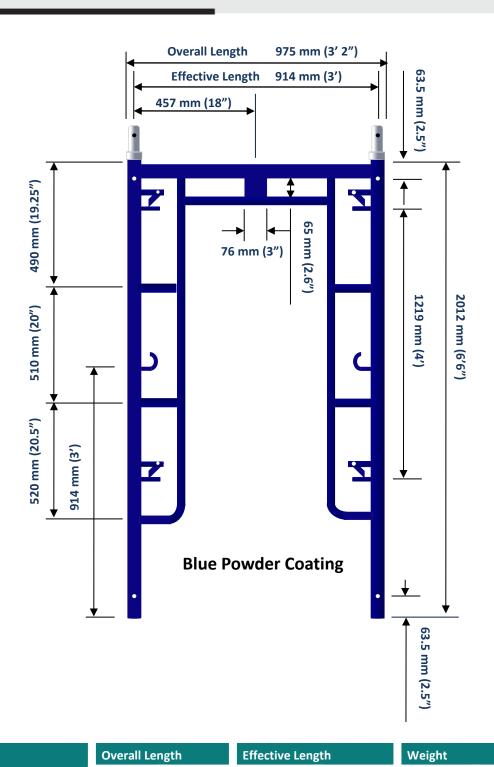
ARCH FRAME



Description	Overall I	Length	Effective	Effective Length		Weight	
	m	in	m	in	kgs	lbs	
6'6" H x 5' W Arch Frame	1.59	5′2″	1.52	5′	18.30	40.34	070101



ARCH FRAME





Description

QUALITY BEGINS WITH

6'6" H x 3' W Arch Frame

kgs

17.70

3'

lbs

39.02

Part #

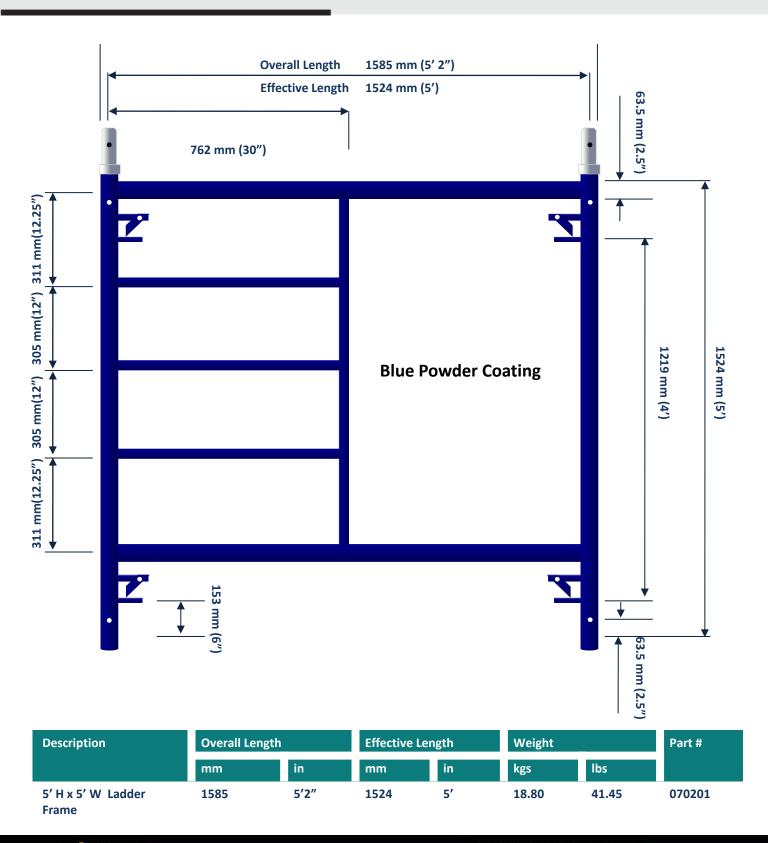
070102

975

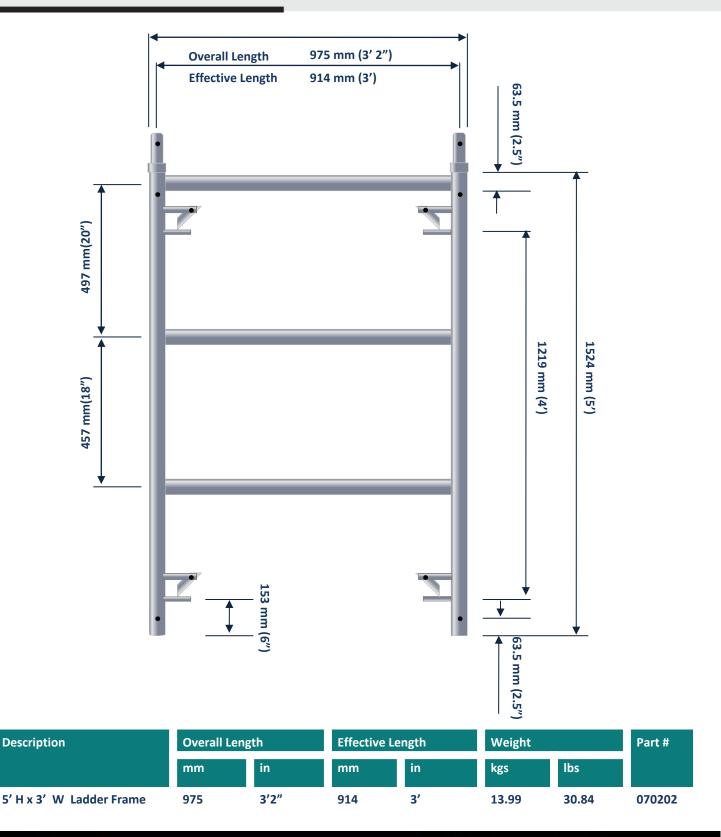
3'2"

914

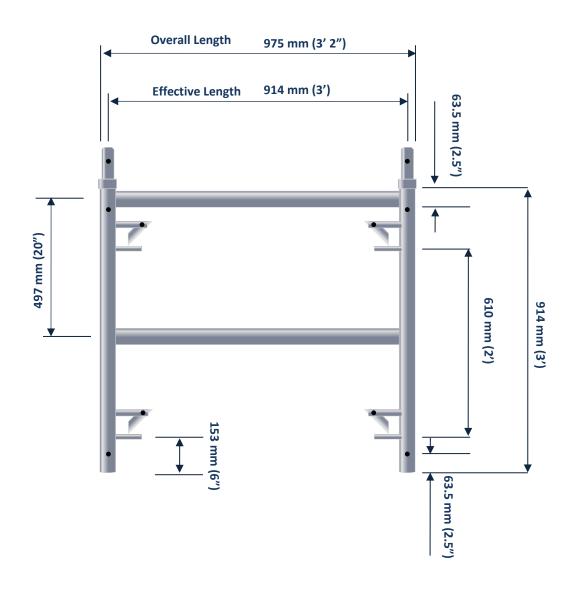






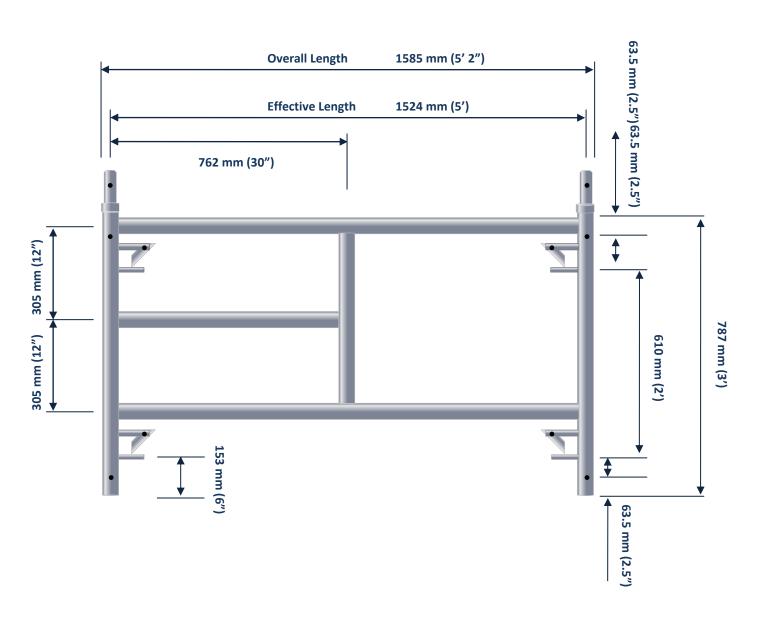












Effective Length

in

5'

mm

1524

Description

3'H x 5'W Ladder Frame

13.80

Weight

kgs

lbs

30.42

Part #

070204

Overall Length

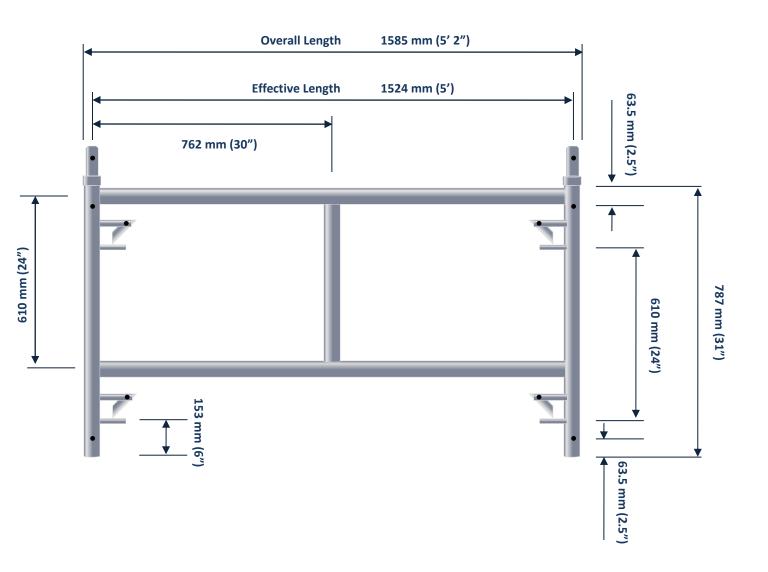
in

5'2"

mm

1585

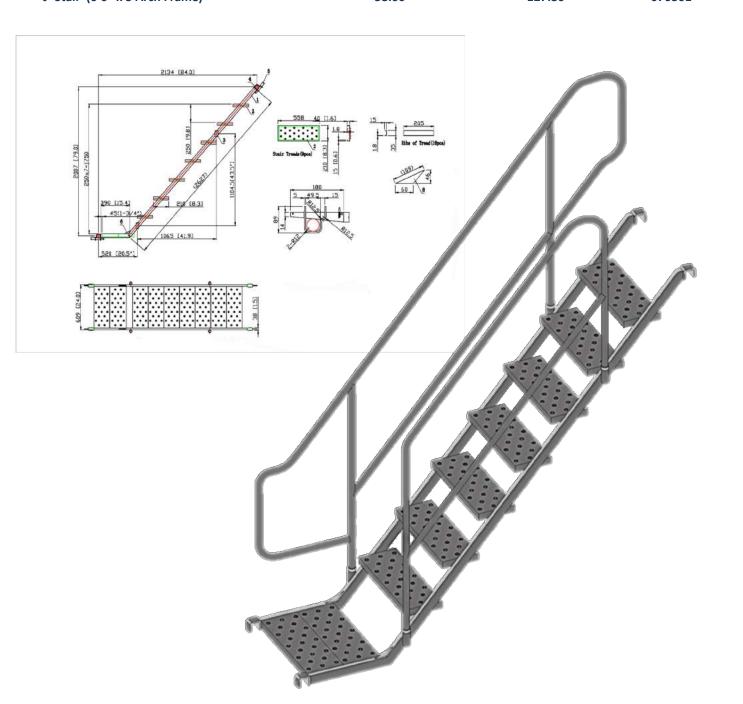






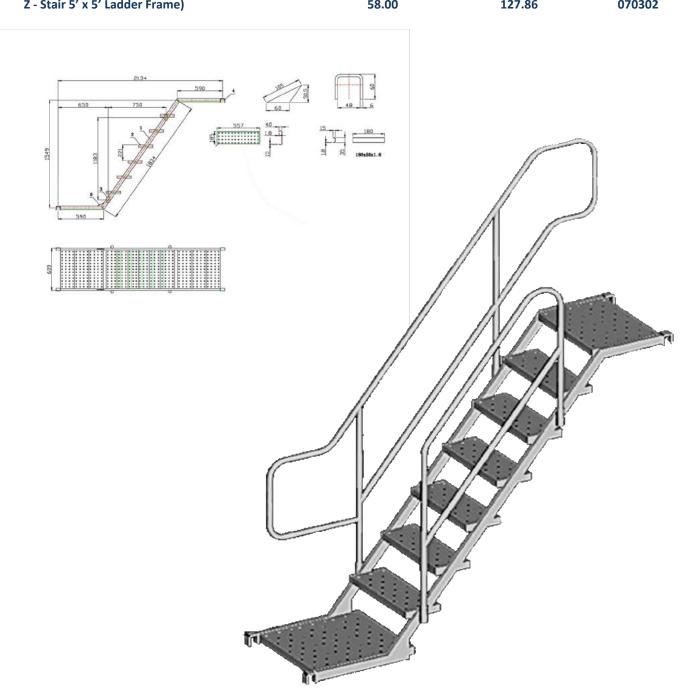
J-STAIR SET

Description Weight Part # kgs lbs J- Stair (6'6" x 5 Arch Frame) 58.00 127.86 070301



Z-STAIR SET

Description	Weight	Weight	
	kgs	lbs	
7 Stair E' v E' Ladder Frame)	E9.00	127.96	070202



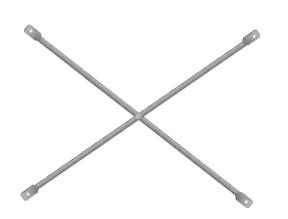
HATCH LADDER DECK

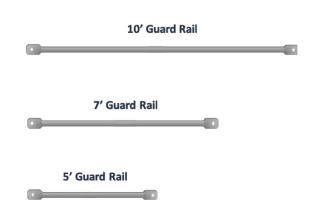
Description	Overall I	Overall Length Effective Length		Weight	Weight		
	m	in	m	in	kgs	lbs	
7' x 24" Hatch Ladder Deck 10' X 24" Hatch Ladder Decks	2.22	7′2″	2.13	7'	26.00	57.20	070403



- 75 lbs/sq/ft Load Capacity
- Heavy Duty Aluminum 2.5" Ladder Step and Side Rail
- Locks Underneath for easy access and transport
- Other width available
- Aluminum or Galvanized Grate Surface also available
- All part are Replaceable
- Interchangeable with other decks

CROSS BRACE/GUARDRAIL





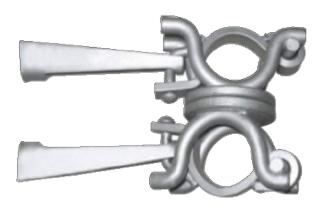
Description	Weight	Weight		
	kgs	lbs		
5 x 2 Cross Brace	3.51	7.74	070501	
5 x 4 Cross Brace	4.20	9.26	070502	
7 x 2 Cross Brace	4.70	10.36	070503	
7 x 4 Cross Brace	5.20	11.46	070504	
10 x 2 Cross Brace	6.50	14.33	070505	
10 x 4 Cross Brace	7.00	15.43	070506	

Description	Weight	kgs	Part #
	kgs	lbs	
5' Guard Rail	1.80	3.97	070601
7' Guard Rail	2.50	5.51	070602
10' Guard Rail	3.50	7.71	070603

WEDGE CLAMP



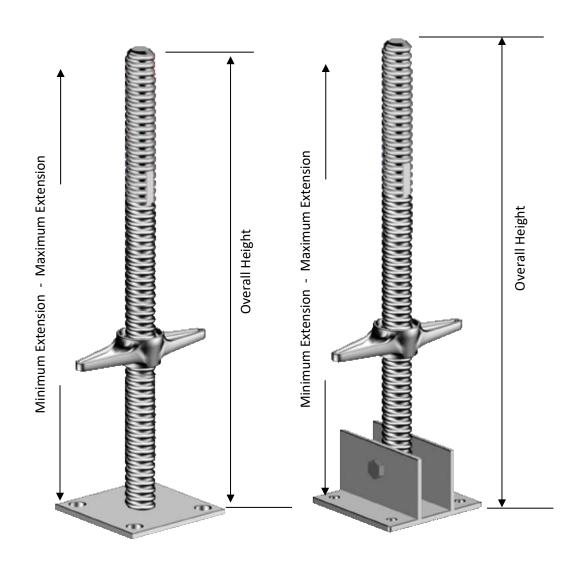
Right Angle Wedge Clamp



Swivel Wedge Clamp

Description	Slip Load (lbs)	Ultimate Load	Weight	Part #	
		(lbs)	kgs	lbs	
Right Angle Wedge Clamp 1.90" x 1.5/8 "	4043	10078	1.5	3.3	070801
Swivel Wedge Clamp 1.90" x 1.5/8 "	4137	7530	1.6	3.5	070802

SCREW JACK/SWIVEL JACK

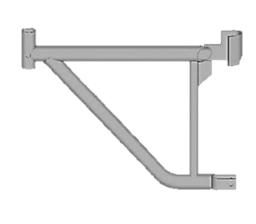


Description	Maxim	um Extension	Minimun	n Extension	Overa	all Height	Weigh	nt	Part No.
	m	in	m	In	m	in	kgs	lbs	
Screw Jack	.38	15.0	.058	2	.53	21	7.6	17.0	070901
Swivel Jack	.43	17.0	.13	3.5	.60	24	8.2	18.36	070902

QUALIT BEGIN WITH

ACCESS SCAFFOLDING ACCESSORIES





Description	Weight	Weight			Weight		
	kgs	lbs					
2' Outrigger	6.20	13.67	070701				
3' Outrigger	7.80	17.20	070702				

Description	Weight		Part #
	kgs	lbs	
20" Side Bracket	4.50	9.92	070703
30" Side Bracket	6.80	15.00	070704





Description	Weight	Weight		
	kgs	lbs		
Base Plate	1.80	3.97	070705	

Description	Weight	Part #	
	kgs	lbs	
U-Head	6.70	14.77	070706



ACCESS SCAFFOLDING ACCESSORIES

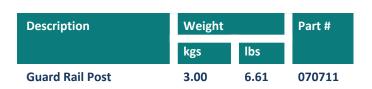


Description	Weight		Part #
	kgs	lbs	
3' Wall Tie (with hook)	1.90	4.20	070707
4' Wall Tie (with hook)	2.56	5.64	070708



Description	Weight		Part #
	kgs	lbs	
3' Wall Tie (with screw)	1.90	4.20	070709
4' Wall Tie (with screw)	2.56	5.64	070710







Description	Weight		Part #
	kgs	lbs	
Wall Clip	0.05	.11	070712
Wall Clip with Nut	0.08	.18	070713

ACCESS SCAFFOLDING ACCESSORIES





Description	Weight		Part #
	kgs	lbs	
8" Caster Wheel	5.50	12.12	070715

Description	Weight		Part #
	kgs	lbs	
8" Polyurethane	6.24	13.75	070717

caster



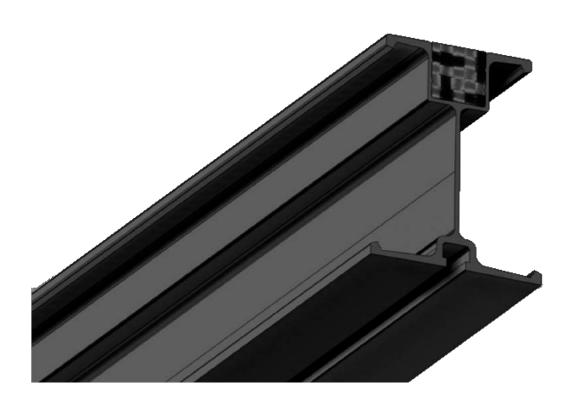


Description	Weight	Weight		
	kgs	lbs		
Vertical Pin	0.51	1.12	070714	

Description	Weight	Part #	
	kgs	lbs	
D-Pin (Frame)	0.05	.11	070716



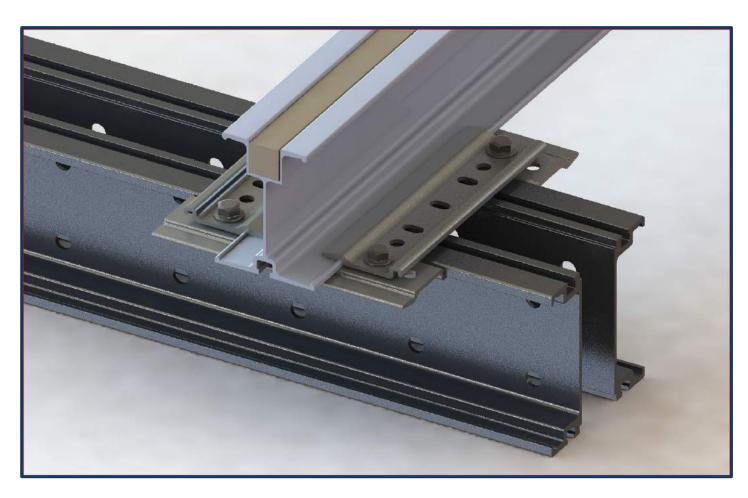
ALUMINUM I-BEAM



Description	Weight		Part #
	kgs	lbs	
Aluminum I-Beam 6.5"(6')	10.00	22.05	010406
Aluminum I-Beam 6.5"(8')	13.40	29.54	010408
Aluminum I-Beam 6.5"(10'6")	17.50	38.14	0104106
Aluminum I-Beam 6.5"(12')	20.10	44.31	010412
Aluminum I-Beam 6.5"(14')	23.50	51.67	010414
Aluminum I-Beam 6.5"(16')	26.80	59.08	010416
Aluminum I-Beam 6.5"(18')	30.00	66.14	010418
Aluminum I-Beam 6.5"(20')	33.00	72.75	010420
Aluminum I-Beam 6.5"(22')	36.70	80.91	010422
Aluminum I-Beam 6.5"(24')	40.20	88.63	010424

Description	Weight		Part #
	kgs	lbs	
Aluminum I-Beam 7.5" (12')	27.60	60.85	010512
Aluminum I-Beam 7.5" (14')	32.20	71.00	010514
Aluminum I-Beam 7.5" (16')	36.80	81.13	010516
Aluminum I-Beam 7.5" (18')	41.40	91.27	010518
Aluminum I-Beam 7.5" (20')	46.00	101.41	010520
Aluminum I-Beam 7.5" (22')	50.60	111.55	010522
Aluminum I-Beam 7.5" (24')	55.20	121.70	010524

FORMWORK SYSTEM ACCESSORIES









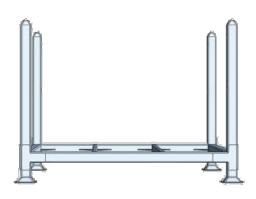
M16 x 40



Single Waler Beam Connector

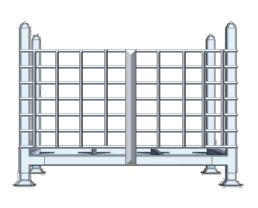
Description	Weight		Part #
	kgs	lbs	
Single Waler Beam Connector (4 Required / connection)	0.55	1.21	010811
M16 x 40 mm (4 Required / connection)	0.14	.31	010822
A-Clamp Assembly	0.15	.33	010820

MATERIAL HANDLING



Description	Weight		Part #	
	kgs	lbs		
Steel Rack	35.00	77.16	080202	





Description	Weight		Part #	Description	Weight		Part #
	kgs	lbs			kgs	lbs	
Heavy Duty Basket (1.2 m	90.00	198.41	080101	Stack Basket (1.2 m x 1.2 m)	73	161	080103





THIS DOCUMENT IS INTENDED FOR USE BY EXPERIENCE SCAFFOLD ENGINEERS. USE BY UNQUALIFIED PERSONS MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY OR PROPERTY DAMAGE. LOADING INFORMATION CONTAINED IN THIS DOCUMENT IS BASED UPON THE LOAD-CARRYING CAPACITY OF THE INDIVIDUAL COMPONENTS. THE TOTAL LOADS (COMPONENT WEIGHT, PLANK WEIGHT, LIVE LOAD, MATERIAL LOAD, WIND LOAD, ETC.) TO BE IMPOSED ON THE COMPLETE ASSEMBLY MUST BE CONSIDERED. ALL LOADS ON INDIVIDUAL MEMBERS ARE TRANSMITTED TO OTHER

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THIS DOCUMENT IS NOT TO BE REPRODUCED IN PART OR IN WHOLE.



WARNING

SERIOUS INJURY OR DEATH CAN RESULT FROM YOUR FAILURE TO FAMILIARIZE YOURSELF, AND COMPLY WITH ALL APPLICABLE SAFETY REQUIREMENTS OF PROVINCIAL REGULATIONS BEFORE ERECTING, USING OR DISMANTLING THIS SCAFFOLD.



WARNING

ALL ARREST EQUIPMENT ATTACHED TO SCAFFOLD MAY NOT PREVENT SERIOUS INJURY OR DEATH IF A FALL OCCURS.

All drawings in this guide are for illustrative purposes only. This guide is intended for general information purposes only. Because of the many variables which affect the performance of the product line, some of the information in this brochure may not apply. For specific applications, contact United Scaffold. Note: All scaffolds shall be erected, modified and dismantled only under the supervision of a Competent Person. Erection, use, maintenance and disassembly must conform to current manufacturer's instructions as well as all federal, state, provincial and local regulations. Copies of complete United Scaffold Guidelines for these and other purposes are available from United Scaffold without charge.

Conversion Chart

This manual is based on metric dimensions. All Imperial dimensions have been rounded to the nearest inch for reference purposes only. When adding dimensions, use the metric dimension.

Below are recommended Conversion Factors.

Metric Unit	Conversion Factor	Imperial Unit
Millimeters (mm)	0.03937	Inch (in)
Meters (m)	3.28084	Feet (ft)
Kilograms (kgs)	2.20462	Pounds (lbs)
Kilo Newtons (kN)	224.8089	Pounds (lbs)
Kilo newton / meter ₂ (kN/m ₂)	20.8854	Pound/foot ₂ (psf)

Converting Metric to Imperial

(Metric Unit) x (Conversion Factor) = (Imperial Unit)

Example: 15 mm x 0.03937 = 0.59 in

Converting Imperial to Metric

(Imperial Unit) ÷ (Conversion Factor) = (Metric Unit)

Example: $10ft \div 3.28084 = 3.05 \text{ m}$

Symbol Legend

Denotes Centerline of Horizontals or Verticals Material





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