

UNDERSTANDING YOUR Bill Of Materials To Ensure A Successful Project

One of the most important, trustworthy aspects of any relationship is cost transparency.



Why does this solution
cost what it does?



Is there a lot of
unnecessary markups
in this quote?



Are there ways I can
lower my level of
investment?

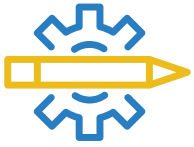
In this article we are going to break down the key components of a Faztek bill of materials (BOM) to ensure you know everything about the quote we are providing to you.

Why is this important? By understanding what goes into one of our quotes you can determine if certain aspects of your project can be downsized or omitted. The right Faztek consultant will work closely with you to evaluate any particular tradeoffs involved in possible omissions.

Aside from a parts list and your project details, one important feature of a Faztek BOM is the tag drawing. While this is not a detailed assembly process outline or complete directions, it can help in the assembly process to give you a general overview of your complete product.

Frequently Asked Question:

Do Faztek projects come with detailed assembly instructions?



Since all projects are custom, including detailed directions would add tremendous cost to you, the buyer. We do offer assembly and installation services, though, **that can save you and your team a lot of time working through the process on your own.**

One useful feature that all BOMs do feature is the estimated assembly time for the product you've purchased. This is the estimated amount of time that we expect a Faztek employee to be able to assemble your system. Since all of our solutions are customized to your specifications, we are not able to include detailed instructions with all units. We do, however, offer assembly and installation resources as needed.



If you're curious about having Faztek assist with your assembly process, check out this blog post here: [The Benefits Of Using Faztek As Your Assembly Partner](#)

Another commonly asked question with a BOM is whether or not a particular item a customer requested has been included in the quote. This can be found, often as a custom "CP" part found in the top of the BOM or it's located within the body of the BOM. This item in question can also be located with the help from Faztek support or from the Faztek designer.

In certain cases, a customer may request a single part that is actually multiple parts. For instance, a customer may request to include hardware for brackets or joining plates.

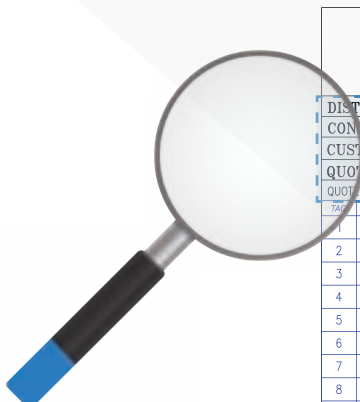
An example is a single part number, 15CB4842, and is a 4 hole inside gusset corner bracket. This bracket requires additional hardware to attach to your application. However, the customer may not immediately recognize this.

While this article will answer many questions about Faztek BOMs, some may still remain. We encourage you to reach out to your Faztek point of contact to **get all answers to your questions.**

[CONTACT US](#)

The following pages feature labeled breakdowns of the key parts of a BOM to help you navigate the various parts of your project quote.

DISTRIBUTOR LOREM IPSUM CO		#:			
CONTACT JOHN SMITH		CONTACT:			
CUSTOMER REFERENCE BT-LOREM1.0					
QUOTE# 42033a	REV:	DATE 09/10/21	QUOTED BY: Designer 23		REVISED BY:
QUOTE VALID FOR 15 DAYS UPON RECEIPT; \$50 MINIMUM PURCHASE			UNITS: INCHES/POUNDS		



FAZTEK INDUSTRIAL SOLUTIONS												
DISTRIBUTOR:						#:			CUSTOMER:			
CONTACT:						CONTACT:						
CUSTOMER REFERENCE:												
QUOTE#: 43075		REV:		DATE: 3/22/22		QUOTED BY: Designer 25			REVISED BY:			
QUOTE VALID FOR 30 DAYS UPON RECEIPT; \$50.00 MINIMUM PURCHASE						UNITS: INCHES / POUNDS						
TIME	TOTAL	PART NO.	QTY	LENGTH	WIDTH	DESCRIPTION		MACHINING	WT	UNIT \$	EXT \$	
1	37.00	15QE1545	1	37.000		1.5" X 4.5" Smooth Extrusion-Heavy	15MA9071	H E Both Ends	9.62	\$42.55	\$ 42.55	
2	74.00	15QE1530	2	37.000		1.5" x 3" Smooth Extrusion-Heavy	15MA9071	H E Both Ends	14.73	\$36.63	\$ 73.26	
3	174.75	15QE1515	3	58.250		1.5" x 1.5" Smooth Extrusion-Heavy	15MA9071	A One End	19.75	\$34.95	\$ 104.85	
4	98.00	15QE1515	2	49.000		1.5" x 1.5" Smooth Extrusion-Heavy			11.07	\$29.40	\$ 58.80	
5	111.00	15QE1515	3	37.000		1.5" x 1.5" Smooth Extrusion-Heavy	15MA9071	B Both Ends	12.54	\$22.20	\$ 66.60	
6	89.00	15QE1515	4	22.250		1.5" x 1.5" Smooth Extrusion-Heavy	15MA9071	C Both Ends	10.06	\$13.35	\$ 53.40	
7	47.39	15QE1515	3	15.798		1.5" x 1.5" Smooth Extrusion-Heavy	15MA9071	D One End	5.36	\$ 9.48	\$ 28.44	
8	460.00	15QE1515L	8	57.500		1.5" x 1.5" Smooth Extrusion-Lite	15MA9071	A One End	41.86	\$27.60	\$ 220.80	
9	88.00	15QE1515L	4	22.000		1.5" x 1.5" Smooth Extrusion-Lite			8.01	\$10.56	\$ 42.24	
10	200.00	15QE1515L	10	20.000		1.5" x 1.5" Smooth Extrusion-Lite	15MA9071	A Both Ends	18.20	\$ 9.60	\$ 96.00	
11	40.00	15QE1515L	2	20.000		1.5" x 1.5" Smooth Extrusion-Lite	15MA9071	C Both Ends	3.64	\$ 9.60	\$ 19.20	
12	114.00	15QE1515L	6	19.000		1.5" x 1.5" Smooth Extrusion-Lite	15MA9071	B Both Ends	10.37	\$ 9.12	\$ 54.72	
13	36.00	15QE1515UL	6	6.000		1.5" x 1.5" Smooth Extrusion-Ultralite	15MA9071	B One End	2.82	\$ 2.52	\$ 15.12	
14	98.00	15SS8001	2	49.000		3 X 3 X .250 Aluminum Angle	15MA9073	Per Drawing	14.01	\$39.20	\$ 78.40	
15		15MA9007	2			Saw Cut For 1530/4080			0.00	\$ 1.48	\$ 2.96	
16		15MA9006	51			Saw Cut For 1515/4040			0.00	\$ 1.18	\$ 60.18	
17		15MA9011	1			Saw Cut For 1545			0.00	\$ 1.54	\$ 1.54	
18		15MA9073	12			A.Hole Drilling Service - .296 to .500Ø			0.00	\$ 1.48	\$ 17.76	
19		15MA9071	82			C'Bore For Anchor Fastener			0.00	\$ 1.48	\$ 121.36	

FOR QUICK ASSEMBLY, USE THE NUMBERS IN THE FIRST COLUMN OF THE BOM (ENTITLED "TAG") AND MATCH THEM TO THE NUMBERS.



COLUMN 1 TAG#	COLUMN 2 Total Number of Inches	COLUMN 3 Part Number	COLUMN 4 Quantity/Number of Parts	COLUMN 5 Length of Extrusion or Panel	COLUMN 6 Width of Panel	COLUMN 7 Description of Part	COLUMN 8 Machining That Needs to be Performed on Part Listed	COLUMN 9 Individual Part Weight	COLUMN 10 Cost of Part / Unit Price	COLUMN 11 Unit Price x Quantity = Total
FAZTEK INDUSTRIAL SOLUTIONS										
DISTRIBUTOR:		#:		CUSTOMER:						
CONTACT:				CONTACT:						
CUSTOMER REFERENCE:										
QUOTE#: 43075		REV: 1		DATE: 3/22/22		QUOTED BY: Designer 25		REVISED BY:		
QUOTE VALID FOR 30 DAYS UPON RECEIPT; \$50.00 MINIMUM PURCHASE UNITS: INCHES / POUNDS										
TAG#	TOTAL	PART NO.	QTY	LENGTH	WIDTH	DESCRIPTION	MACHINING	WT	UNIT \$	EXT \$
20		13MA9071	2			Cut Struc. Shapes >= 3"		0.00	\$ 1.51	\$ 3.02
21	10.00	13PA8380	2	56.750	19.000	3/4" Polypropelene - White in color	Call for Availability	57.60	\$251.90	\$ 503.80
22	10.00	13PA8380	4	56.750	19.250	3/4" Polypropelene - White in color	Call for Availability	115.20	\$251.90	\$1007.60
23	0.75	13PA8380	2	17.500	3.750	3/4" Polypropelene - White in color	Call for Availability	4.32	\$18.89	\$ 37.79
24	4.00	13PA8380	2	20.000	19.000	3/4" Polypropelene - White in color	Per Drawing	23.04	\$00.76	\$ 201.52
25		13MA9088	68			Drill Thru in plastic up to .500 Ø		0.00	\$ 1.12	\$ 76.16
26		13MA9080	4			Cut Panels Or Wire < 48"		0.00	\$ 5.92	\$ 23.68
27		13MA9081	6			Cut Panels Or Wire >= 48"		0.00	\$10.34	\$ 62.04
28		15FA3511	20			5/16-18 Drop In T-Nut W/ Ball	For 15CB4000'S	0.50	\$ 0.72	\$ 14.40
29		15FA3501	44			5/16-18 Economy T-Nut		0.26	\$ 0.18	\$ 7.92
30		15FAC3888	82			Anchor Fastener Assy W/ Drop-in		8.61	\$ 2.07	\$ 169.74
31		13FA3327	32			5/16-18 X 7/8 Shcs		0.80	\$ 0.28	\$ 8.96
32		13FA3331	20			5/16-18 X 5/8 Fbhscs		0.40	\$ 0.25	\$ 5.00
33		13FA3340	16			3/8-16 X 3/4 Shcs		0.56	\$ 0.47	\$ 7.52
34		13AC7816	40			15S.Table Top Mounting Bracket Assy.		0.15	\$ 4.35	\$ 174.00
35		15BP2502				B.Plate - Large Flange Mount Caster		6.02	\$19.11	\$ 76.44
36		13CAB105				5" X 2" Heavy Duty Swivel Caster	Call for Availability	20.44	\$39.83	\$ 143.32
37		15CB4000	10			2 Hole Slotted Corner Bracket		0.75	\$ 2.13	\$ 21.30

IF THERE ARE ANY CUSTOM PARTS, CUSTOM MACHINING, ANODIZING OR ANY OTHER SPECIAL THING ON ORDER WILL BE LISTED FIRST BEFORE THE EXTRUSION. AFTER THE EXTRUSION WILL BE ALL YOUR MACHINING AND THEN PARTS.

FAZTEK INDUSTRIAL SOLUTIONS														
DISTRIBUTOR: #						CUSTOMER:								
CONTACT:						CONTACT:								
CUSTOMER REFERENCE:														
QUOTE#: 43075			REV:			DATE: 3/22/22			QUOTED BY: Designer 25			REVISED BY:		
QUOTE VALID FOR 30 DAYS UPON RECEIPT: \$50.00 MINIMUM PURCHASE UNITS: INCHES / POUNDS														
TAG	TOTAL	PART NO.	QTY	LENGTH	WIDTH	DESCRIPTION	MACHINING	WT	UNIT \$	Ext \$				
7		15CP0156	1			15 Series Bor Handle Assy 13"	Call for Availability	0.00	\$27.60	\$ 27.60				
1	74.00	15QE1550	✓	37.000		1.5" x 3" Smooth Extrusion--Heavy	15MA9071 H E Both Ends	14.73	\$37.00	\$ 74.00				
2	74.75	15QE1515	3	58.250		1.5" x 1.5" Smooth Extrusion--Heavy	15MA9071 A One End	19.75	\$36.11	\$ 108.34				
3	98.00	15QE1515	2	49.000		1.5" x 1.5" Smooth Extrusion--Heavy		11.07	\$50.58	\$ 80.76				
4	74.00	15QE1515	2	37.000		1.5" x 1.5" Smooth Extrusion--Heavy	15MA9071 B Both Ends	8.36	\$22.94	\$ 45.88				
5	37.00	15QE1515	1	37.000		1.5" x 1.5" Smooth Extrusion--Heavy	15MA9071 B One End	4.18	\$22.94	\$ 22.94				
6	47.29	15QE1515	3	15.798		1.5" x 1.5" Smooth Extrusion--Heavy	15MA9071 D One End	5.36	\$ 9.79	\$ 29.38				
8		15MA9007	2			Saw Cut For 1530/4080		0.00	\$ 1.48	\$ 2.95				
9		15MA9006	11			Saw Cut For 1515/4040		0.00	\$ 1.18	\$ 12.98				
10		15MA9071	19			C/Bore For Anchor Fastener		0.00	\$ 1.48	\$ 28.12				
11		15HA3501	24			5/16-18 Economy T-Nut		0.16	\$ 0.18	\$ 4.32				
12		15FAC3888	19			Anchor Fastener Assy W/ Drop-in		1.99	\$ 2.07	\$ 39.33				
13		13FA3327	52			5/16-18 X 7/8 Shcs		0.80	\$ 0.28	\$ 8.36				
14		13FA334C	16			3/8-16 X 3/4 Shcs		0.58	\$ 0.47	\$ 7.52				
15		15BP2502	4			B.Plate - Large Flange Mount Coster		6.02	\$19.11	\$ 76.44				
16		13CA810E	4			5" X 2" Heavy Duty Swivel Coster	Call for Availability	20.44	\$35.83	\$ 143.32				
Total Sale Kit Form (Net Cost **): \$3702.38							Estimated Project Weight: 420.691 lbs							
Total Sale Assembled Form (Net Cost **): \$4141.44							Estimated Shipping Weight (Kit Form): 450.139 lbs							
Total Assembled Time: 7.57 hrs							Estimated Shipping Weight (Assembled): 494.202 lbs							



Total in Kit Form	Total in Assembled Form	Time it Takes to Assemble	Approximate Weight of Project	Estimated Weight of Project When Shipped in Kit Form	Estimated Weight of Project When Shipped in Assembled Form
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Locate Tags on Extrusions

TO ASSEMBLE: LOCATE TAG NUMBER ON EXTRUSION, LOCATE TAG NUMBER ON BILL OF MATERIAL (BOM) AND LOCATE TAG NUMBER ON PICTURE. CONNECT ADJOINING EXTRUSIONS WITH INCLUDED FASTNERS (AS SHOWN IN ASSEMBLY GUIDE, PICTURES AND VIDEOS)

Top View	Southeast ISO View	
	Right Side View	QUOTED BY: Designer 25
Front View	REFERENCE: Drying Rack	DISTRIBUTOR: #:
	Ph: (260) 482-7544 Fx: (260) 482-7354 www.Faztek.net	CONTACT:
		CUSTOMER:
		QUOTE#: 43075 DATE: 3/22/22 REV:

Southeast ISO View	
	QUOTED BY: Designer 25
	Ph: (260) 482-7544 Fx: (260) 482-7354 www.Faztek.net
	DISTRIBUTOR: #:
	CONTACT:
	CUSTOMER:
	QUOTE#: 43075 DATE: 3/22/22 REV:

Tag Numbers

STILL UNCERTAIN ABOUT YOUR BEST OPTION?

Share your reservations and questions with your Faztek rep for a candid conversation about the best path to success with your project.

FAZTEK

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