

JOIN THE ROOF TIE DOWN REVOLUTION



BUILDING PRODUCTS

**HIGH PERFORMANCE
HIGH CAPACITY
ROOF TRUSS CONNECTIONS**

Burmon Building Products

USA

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HURRICANE ANCHOR for DOUBLE TOP PLATE

U.S. Patent Application No. 14/908,536A Canadian Patent Application No. 2956685

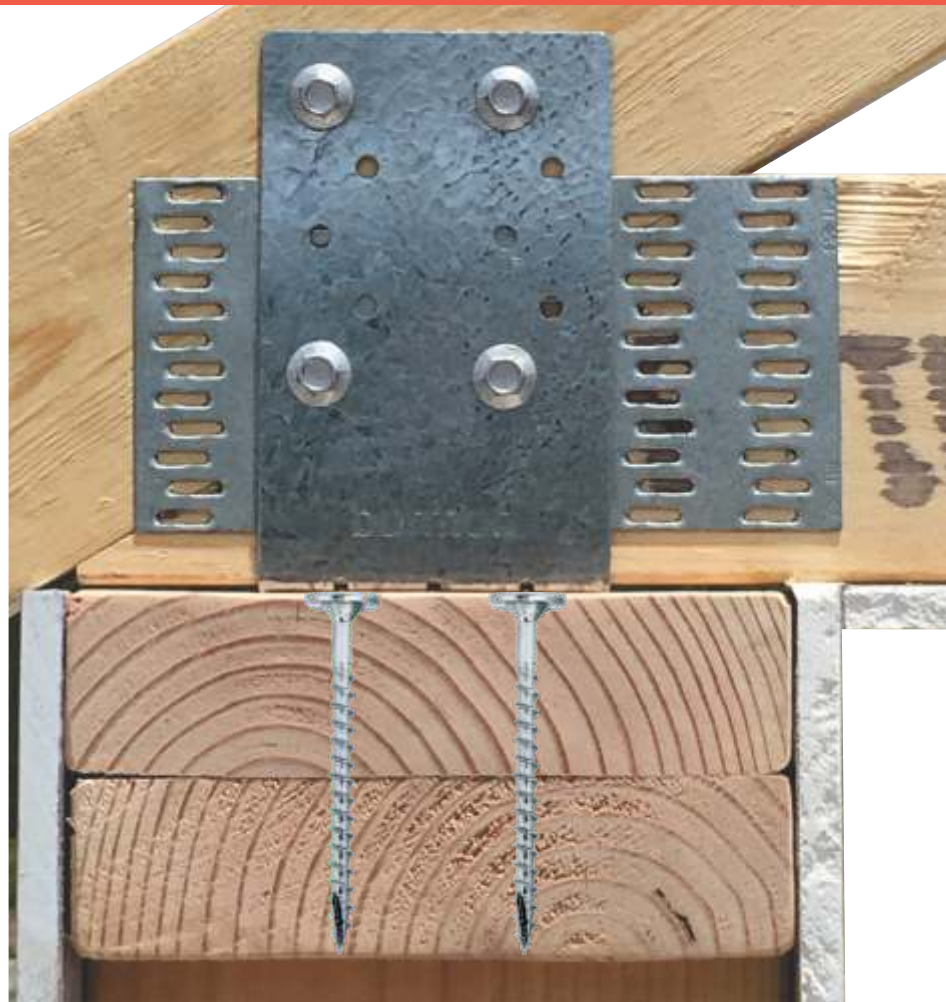
"The best new product that has entered the building industry in the last 10 years"

- Nick Bruin, Multiple Master Builder Award Winner

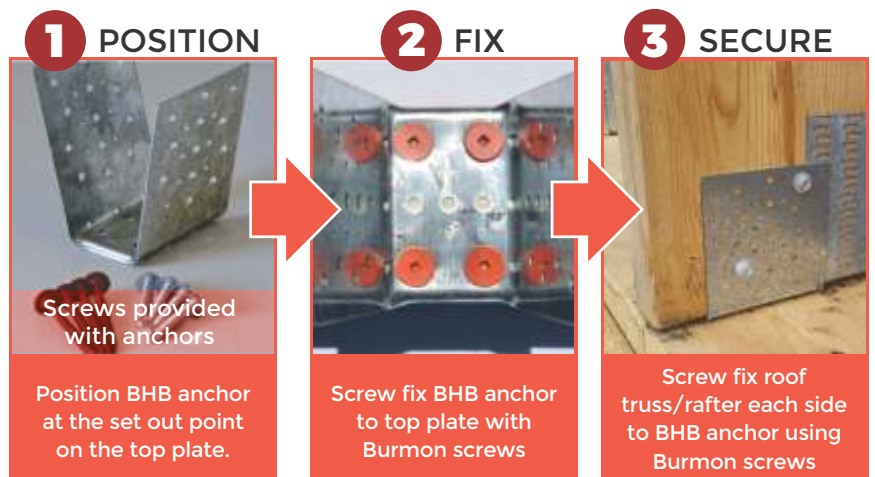
Burmon combines its patented Hurricane Anchors with Impact Driver technology to deliver the most efficient and effective roof truss/rafter tie down system available, saving time and money.

USING BURMON HURRICANE ANCHORS GIVES YOU THE ADVANTAGE:

- ✓ Code Compliant - 2012 International Residential Code (IRC) & 2012 International Building Code
- ✓ Designed and engineered to resist 96% of all global high wind events
- ✓ Anchors can be fixed to top plate whilst on the ground first, making it safer and faster when working at heights
- ✓ No toe nailing required
- ✓ No hand nailing required
- ✓ Stronger, faster connection
- ✓ Anchors hold trusses in position making bracing easier and safer



EASY TO INSTALL




burmon

HURRICANE ANCHOR

U.S. Patent Application No. 14/908.536A Canadian Patent Application No. 2956685

SPECIFICATION

STEEL

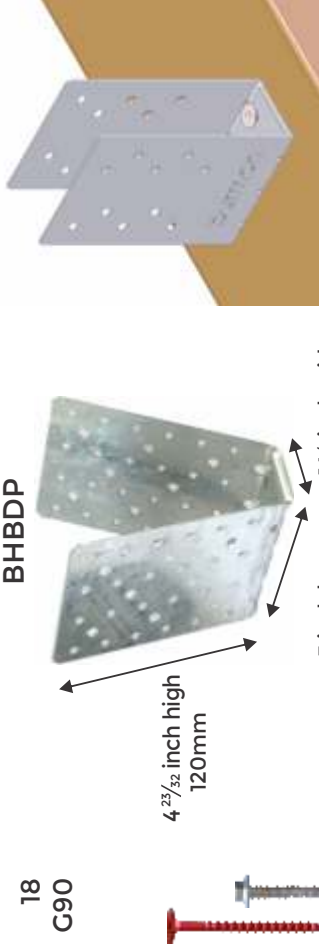
Gauge 18
Corrosion Finish G90

SCREWS

Burmon screws comply to 1000 hours Salt Spray Testing

BURMON STOCK CODE

BHBDP



1. Allowable loads have been increased 60% for wind and seismic loads, no further increase shall be permitted.
2. Minimum quantity of fasteners to be installed. Product has additional screw holes not needed to meet published allowable load of product.
3. To view code report, please visit our website www.burmon.com/code-reports or visit the code evaluation agency's website.

burmon		FASTENER SCHEDULE		Installation type	DF/SP Allowable Load (lbs) ¹			S-P-F Allowable Load (lbs) ¹			Corrosion Finish
		Truss/Rafter	Double Plate								
Burmon Stock No.	Ref No.	Steel Gauge	Qty	Type Burmon Screws	Qty	Type Burmon Screws	3 each side	Uplift 160%	Lateral F1 160%	Lateral F2 160%	Galvanising
BHBDP	BHB	18	6	BHH39	4	BSD65	3 each side	1771	1009	815	G90
BHBDP	BHB	18	8	BHH39	6	BSD65	4 each side	2657	1514	1222	G90
								5314	3028	2444	
								4144	2362	1906	



HURRICANE ANCHOR for SINGLE TOP PLATE

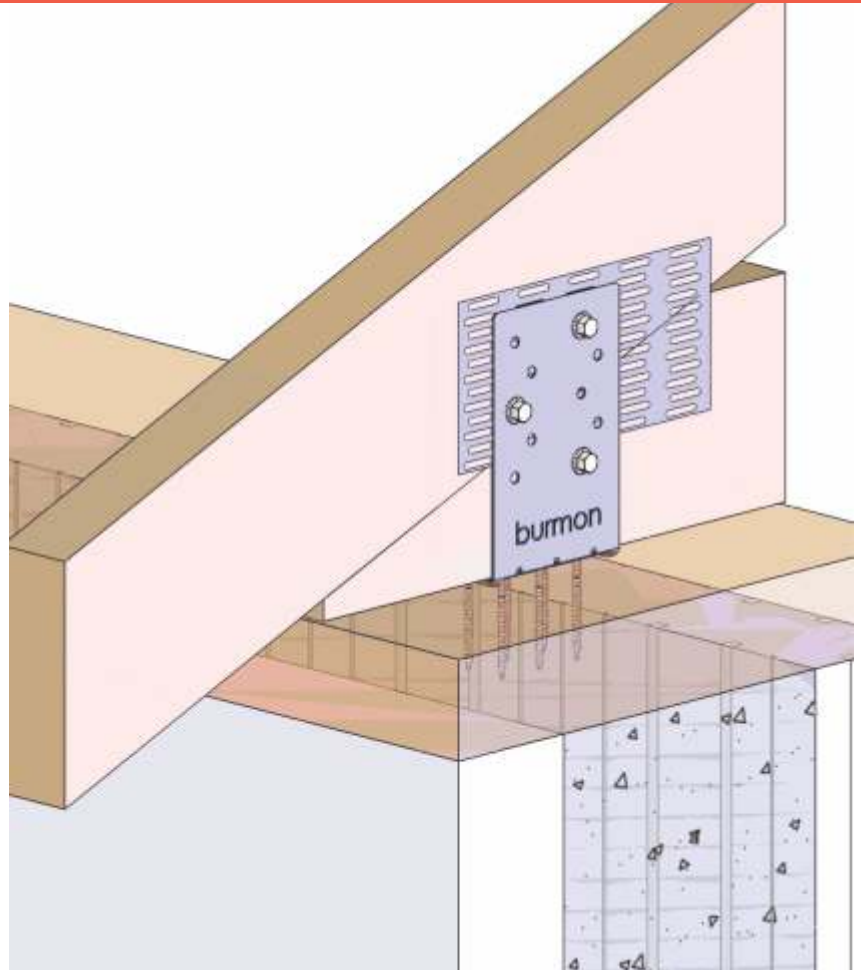
U.S. Patent Application No. 14/908,536A Canadian Patent Application No. 2956685

The highest capacity single top plate connector in the world!

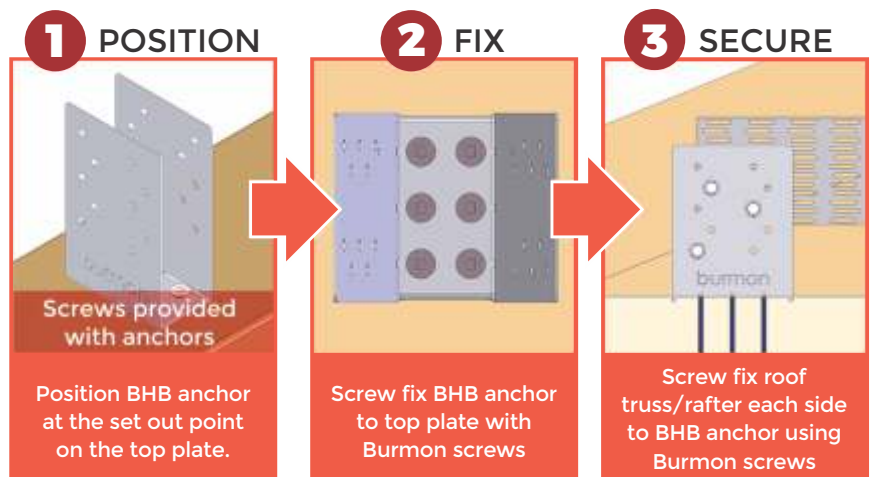
Burmon combines its patented Hurricane Anchors with Impact Driver technology to deliver the most efficient and effective roof truss/rafter tie down system available, saving time and money.

USING BURMON HURRICANE ANCHORS GIVES YOU THE ADVANTAGE:

- ✓ Code Compliant - 2012 International Residential Code (IRC) & 2012 International Building Code
- ✓ Designed and engineered to resist 96% of all global high wind events
- ✓ Anchors can be fixed to top plate whilst on the ground first, making it safer and faster when working at heights
- ✓ No toe nailing required
- ✓ No hand nailing required
- ✓ Stronger, faster connection
- ✓ Anchors hold trusses in position making bracing easier and safer



EASY TO INSTALL





HURRICANE ANCHOR for SINGLE TOP PLATE

U.S. Patent Application No. 14/908.536A Canadian Patent Application No. 2956685

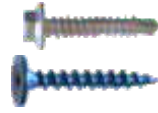
SPECIFICATION

STEEL

Gauge 18
Corrosion Finish G90

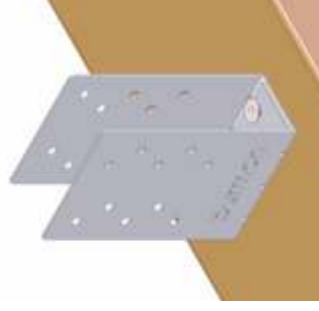
SCREWS

Burmon screws comply to 1000 hours Salt Spray Testing



BURMON STOCK CODE

BHBSP



4 ²³/₃₂ inch high
120mm

3 inch long
77mm

1 1/2 inch wide
38.5mm

1. Allowable loads have been increased 60% for wind and seismic loads, no further increase shall be permitted.
2. Minimum quantity of fasteners to be installed. Product has additional screw holes not needed to meet published allowable load of product.
3. To view code report, please visit our website www.burmon.com/code-reports or visit the code evaluation agency's website.

Please note: these are single plate numbers

burmon		FASTENER SCHEDULE		Installation type	DF/SP Allowable Load (lbs) ¹		S-P-F Allowable Load (lbs) ¹		Corrosion Finish
		Truss/Rafter	Single Plate						
Burmon Stock No.	Ref No.	Steel Gauge	Qty	Type Burmon Screws	Qty	Type Burmon Screws	Uplift 160%	Lateral F1 160%	Lateral F2 160%
BHBSP	BHB	18	6	BHH39	4	BSD39	1340	763	616
			3 each side				1044	595	480
				SINGLE ANCHOR					G90
BHBSP	BHB	18	8	BHH39	6	BSD39	2010	1145	924
			4 each side				1567	893	720
				SINGLE ANCHOR					G90



HURRICANE ANCHOR

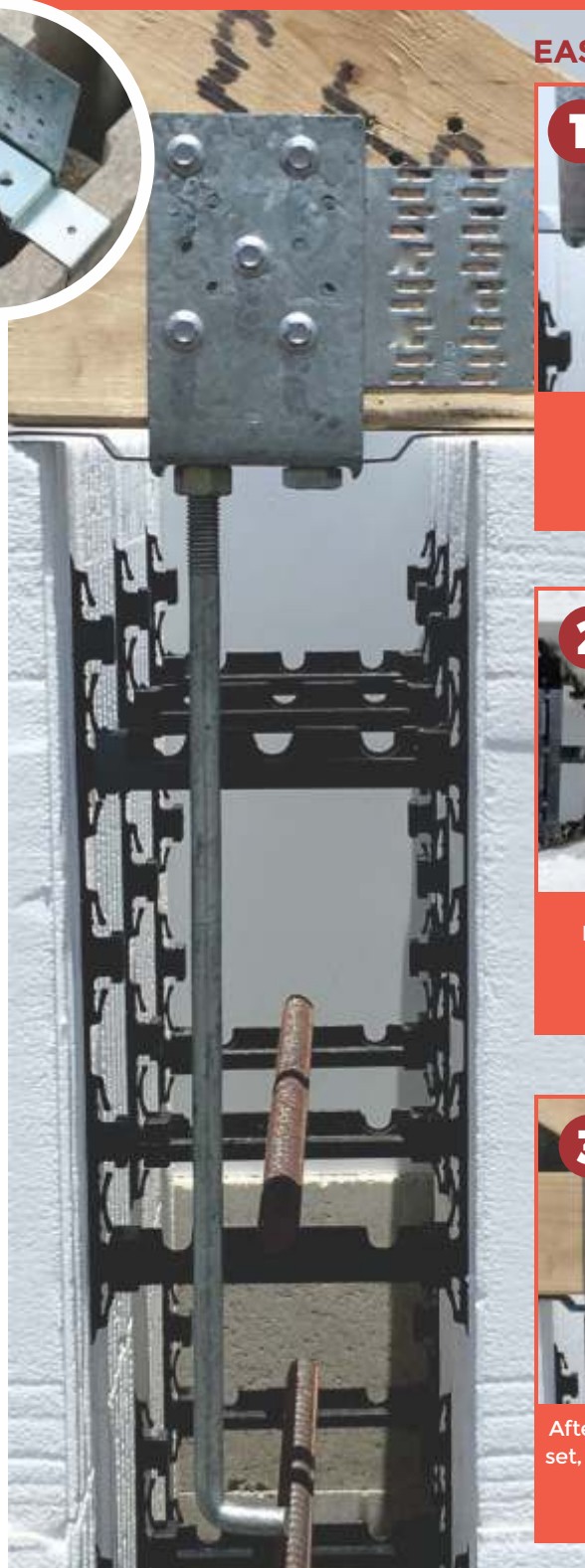
for RAFTER/TRUSS CONNECTION to ICF BLOCK & CMU BLOCK WALL

Designed and engineered specifically for concrete construction

USING BURMON
ICF HURRICANE
ANCHOR GIVES
YOU THE
ADVANTAGE:



- ✓ Code Compliant - 2012 International Residential Code (IRC) & 2012 International Building Code.
- ✓ Designed to resist 98% of all global wind events
- ✓ No hand nailing required
- ✓ Trusses screw fixed through nail plate
- ✓ Hurricane Anchor fixed into place over ICF and CMU Wall
- ✓ Half the cost of other connectors while delivering extremely high load capacities
- ✓ Significant cost savings to the total house build
- ✓ Stronger, faster connection
- ✓ Anchors hold trusses in position making bracing easier and safer



EASY TO INSTALL

1 FASTEN

Screw L-Bolt
to BHBCON
and tighten

2 POSITION

Position BHBCON
at truss/rafter
mark

3 FIX

After concrete pour and
set, screw truss/rafter to
BHBCON



HURRICANE ANCHOR

for RAFTER/TRUSS CONNECTION to ICF BLOCK & CMU BLOCK WALL

SPECIFICATION

BURMON STOCK CODES

STEEL

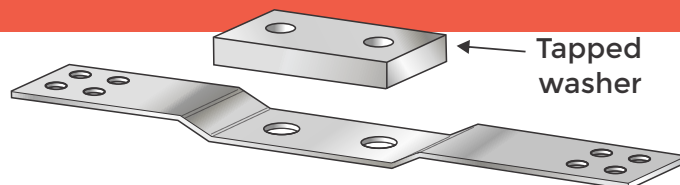
Gauge	18
Corrosion Finish	
Bracket	G90
Threaded washer	Mild steel
L-Bolt	Alloy Steel, HDG

SCREWS

Burmon screws
comply to 1000 hours
Salt Spray Testing



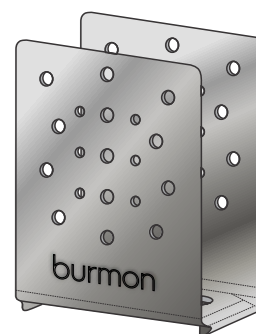
BHBCONICF
BHBCONCMU



Tapped
washer

Block
strap

Saddle
bracket



Nut



L Bolt

1. Allowable loads have been increased 60% for wind and seismic loads, no further increase shall be permitted.
2. Allowable loads are based on anchorage to masonry/uncracked concrete.
3. Minimum specified masonry or concrete compressive strength f'm 1500 psi and f'c is 2500 at 28 days respectively.
4. Minimum quantity of fasteners to be installed. Product has additional screw holes not needed to meet published allowable load of product.
5. Screw L-Bolt to threaded washer until bolt sits flush with threaded washer and tighten nut.
6. To view code report, please visit our website www.burmon.com/code-reports or visit the code evaluation agency's website.

			L-BOLT (embedded into concrete)	FASTENER SCHEDULE		SP/DF Allowable Load				Corrosion Finish
						MASONRY	CONCRETE	MASONRY	CONCRETE	
Burmon Stock No.	Ref No.	Steel Gauge	Burmon L-Bolt length ½ inch thickness	Min Qty	Type Burmon Screws	Uplift 160%	Uplift 160%	F1 160%	F2 160%	L-Bolt: HDG
BHBCON	BHBCON	18	15 ¾ inches Alloy Steel, HDG	10 (5 each side)	BHH	3105	3105	1552	1552	Anchor: G90

The Burmon Hurricane Bracket complies with (IBC), (IRC) & (EC-002)



USA

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