

HONSA[®]

Honsa Ergonomic Technologies, Inc.

Aeronautical Ergonomic Solutions

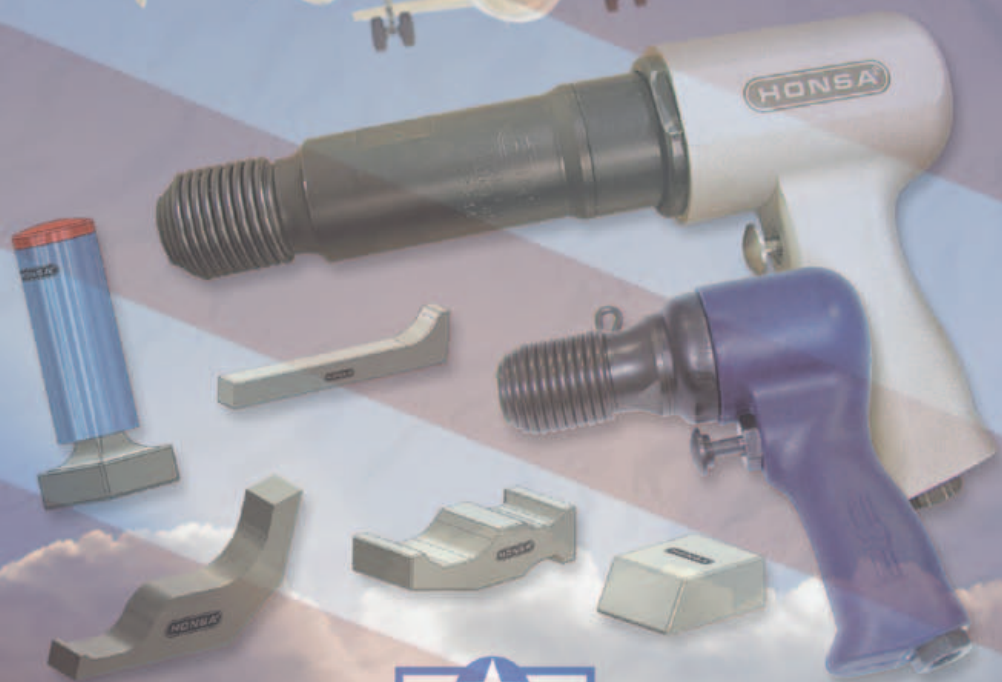


Made in the USA

Tungsten Bucking Bars & Riveting Tools

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Made in the USA

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HONSA

Ergonomic Technologies, Inc.

- **Founded on Innovation**

HONSA founders Dr. Thomas S. and Thomas W. Honsa began designing a new vibration-reducing and sound isolation system for pneumatic and electric powered tools in 1985, and Honsa Ergonomic Technologies was born.

Intent on reducing work-related injuries caused by excessive vibration and poor ergonomics, the Honsas continued their innovation and research, and pioneered the field of ergonomically designed air tools and products. Their patented technologies have revolutionized the tool industry.

Since the advent of pneumatic tools in 1890, little had been done to reduce the associated adverse effects – excessive vibration, noise and deficient ergonomics – that plagued tool operators and often led to cumulative trauma disorders. Almost 100 years later, the Honsas employed their knowledge of polyurethane elastomers and design engineering to create a genre of American-made tools that are in use today around the world.

- **Industries We Serve**

HONSA tools and services are used in a wide variety of manufacturing industries including Aerospace, Metal Fabrication, Automotive Assembly, Shipbuilding and Repair, Agricultural Equipment, Construction Equipment, Foundries, and Engine and Transmission Assembly. In addition, the US Military uses HONSA tools to reduce injuries in maintenance, repair and refit applications.

Fortune 100 companies and the US Government have relied on HONSA tools since 1988 to reduce workplace injuries and costs

without sacrificing productivity. Companies who choose HONSA tools share a common vision: to create a safer work environment. These companies recognize the importance of reduced injuries and lower worker compensation claims. By focusing on, and implementing, an ergonomic program that includes 21st century technology, they reduce costs, increase safety and productivity, improve employee relations and foster increased long-term corporate profitability.

- **Vibration-Reduced and Ergonomically Enhanced Tools**

From grinders and chippers to air hammers and riveters, the HONSA name means the finest quality, innovative designs, and the best ergonomic air tools Made in the USA. The Honsa brand has been a leader in the ergonomic tool industry since 1988, with our customers' ergonomic health our number one priority.

Other companies' percussive tool lines still feature 100-year-old technology with no vibration reduction. These generic tools transfer high levels of damaging vibration directly to the operator, leading to serious musculoskeletal and soft tissue disorders of the hands and arms (MSDs & HAVS).

In addition to designs that fit the human body and its movements, every HONSA Tool also offers reduced weight, reduced sound levels and increased power-to-weight ratio. HONSA Tools are durable, proving themselves day in and day out on production lines worldwide.

Visit our website at www.honsatools.com to learn more.

TUNGSTEN PRODUCTS

from Honsa Ergonomic Technologies, Inc.

- **What is Tungsten?**

Tungsten is perhaps the toughest metal available to incorporate into power and hand tool solutions, regardless of industry. Tungsten begins as a chemical compound that when sintered and heated, becomes a robust, durable metal used to create machined solutions. It has the highest melting point of any non-alloy metal and the second highest after carbon.

- **Origin**

80% of the world's tungsten ore deposits are found in China. Once the ore is mined, it must then enter the sintering process with other materials resulting in the creation of Tungsten. Although there are several sintering facilities in China, large amounts of tungsten ore is exported and sintered globally, including the United States.



- **Honsa Method**

The Sintering Process is the key to having a well-made Tungsten Product. Honsa's supplier is a U.S. company that uses a superior sintering process in creating Tungsten objects that are widely used in several industries.

- **Honsa Value**

Perhaps the best way of determining a product's value is its durability on the job and overall lifespan. When using Honsa Tungsten Products, our customers appreciate our dedication to designing and manufacturing superior products regardless of industry.

- **Honsa Solution**

Whether you are in the market for a small riveter with increased power or a bucking bar with significant improvements in bucking, Honsa Ergonomic Technologies, Inc. has the preferred tooling solution to meet your needs and exceed your expectations.

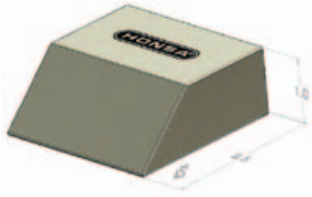
Browse this brochure and select a standard bucking bar design, or sketch your own and we'll make it for you!

***Call our office at 1.800.800.9371
or e-mail isovib@honsatools.com if you have
any questions or would like a product quotation.
We are at your service!***

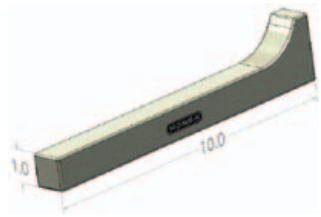
BUCKING BARS



Model: Weight:
● **CBBT51T** **3.4 lbs**



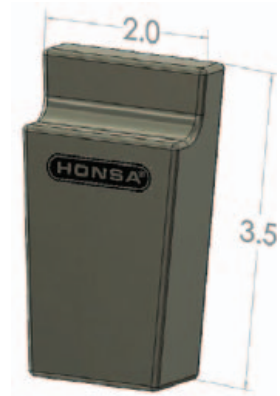
Model: Weight:
● **CBBT1021T** **7.5 lbs**



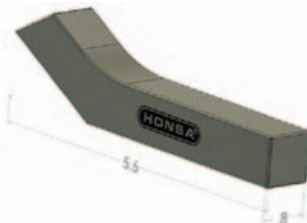
Model: Weight:
● **CBBT52T** **3.9 lbs**



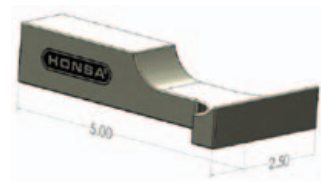
Model: Weight:
● **CPBBT605T** **3.0 lbs**



Model: Weight:
● **CBBT54T** **2.3 lbs**



Model: Weight:
● **CPBBT633T** **3.0 lbs**

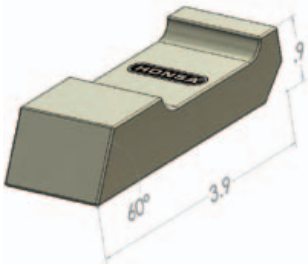


NOTE: All dimensions are in inches.

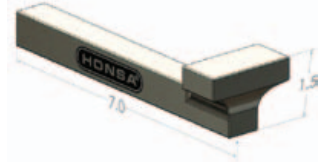


Bucking Bar Models CBBT51T – CPBBT683T

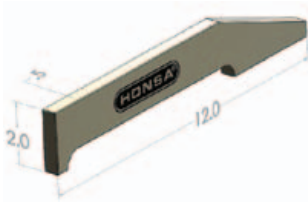
Model: CPBBT638T Weight: 3.2 lbs



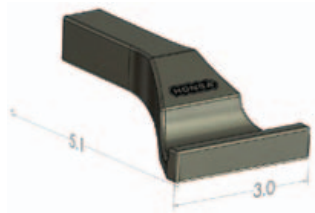
Model: CPBBT662T Weight: 3.5 lbs



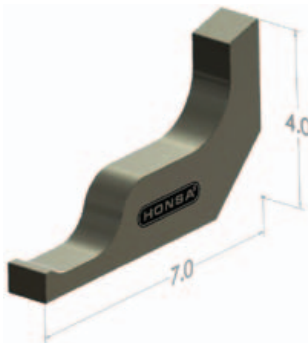
Model: CPBBT646T Weight: 5.8 lbs



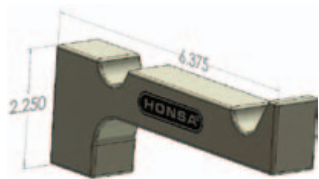
Model: CPBBT669T Weight: 3.4 lbs



Model: CPBBT653T Weight: 7.2 lbs



Model: CPBBT670T Weight: 5.3 lbs



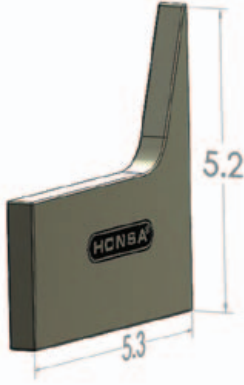
Model: CPBBT683T Weight: 10.6 lbs



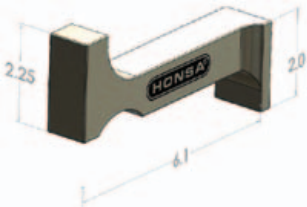
BUCKING BARS



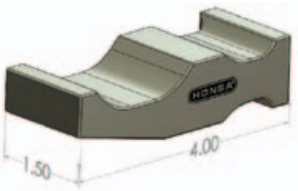
Model: CPBBT715T Weight: 5.1 lbs



Model: CPBBT719T Weight: 7.4 lbs



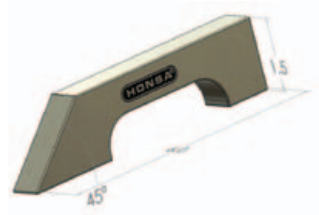
Model: CPBBT730T Weight: 2.9 lbs



Model: CPBBT736T Weight: 5.75 lbs



Model: CPBBT760B-2T Weight: 3.0 lbs



Model: CPBBT760B-7T Weight: 3.9 lbs

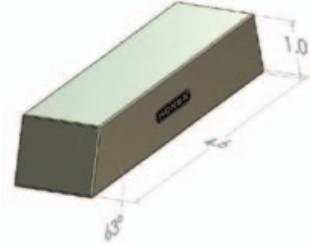


NOTE: All dimensions are in inches.

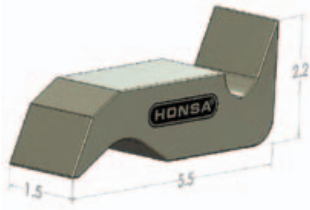


Bucking Bar Models CPBBT715T – CPBBT7414T

- Model: CPBBT760B-10T Weight: 4.5 lbs



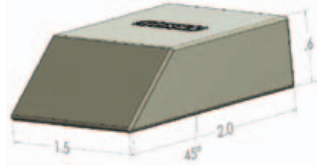
- Model: CPBBT1111T Weight: 6.6 lbs



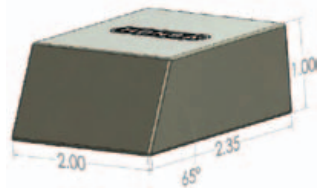
- Model: CPBBT7410T Weight: 1.0 lbs



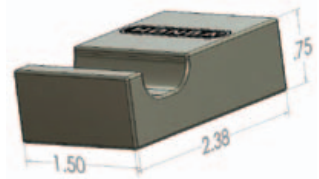
- Model: CPBBT7411T Weight: 1.1 lbs



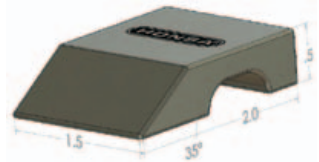
- Model: CPBBT7412T Weight: 3.0 lbs



- Model: CPBBT7413T Weight: 1.6 lbs



- Model: CPBBT7414T Weight: 0.7 lbs



BUCKING BARS



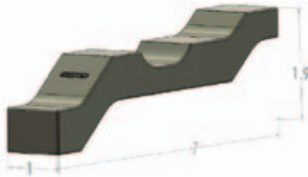
- Model: CPBBT7421T Weight: 1.7 lbs



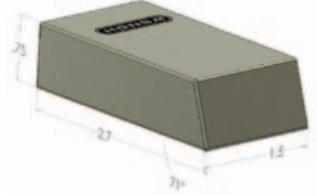
- Model: CPBBT7425T Weight: 2.2 lbs



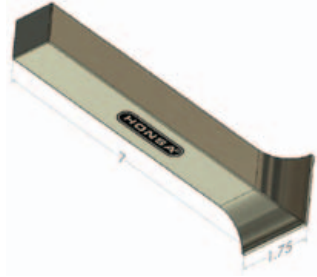
- Model: GBBT2310T Weight: 3.2 lbs



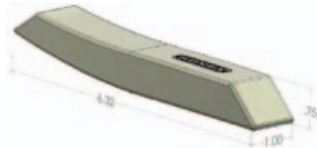
- Model: GBBT2366T Weight: 2.0 lbs



- Model: GBBT2385T Weight: 5.1 lbs



- Model: GEBBT6575T Weight: 2.8 lbs



NOTE: All dimensions are in inches.



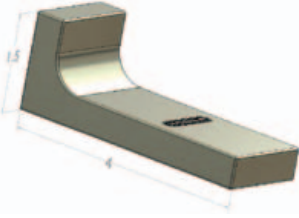
Bucking Bar Models CPBBT7421T – JBBT4515T

Model:

● **HLMB-002**

Weight:

2.6 lbs

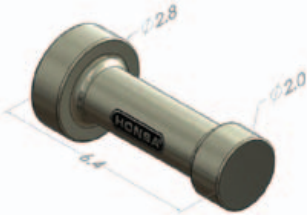


Model:

● **HLMB-015**

Weight:

11.8 lbs



Model:

● **HTBBT578T**

Weight:

1.6 lbs

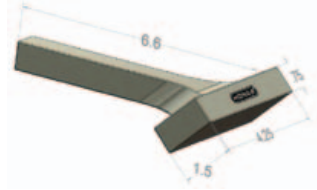


Model:

● **HTBBT579T**

Weight:

5.7 lbs

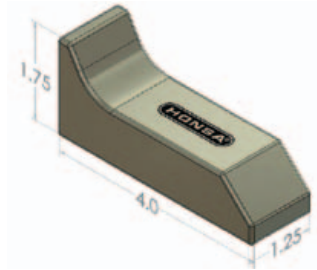


Model:

● **JBBT763T**

Weight:

3.6 lbs

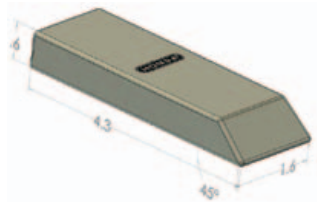


Model:

● **JBBT4515T**

Weight:

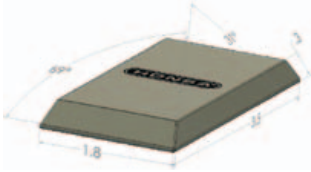
2.8 lbs



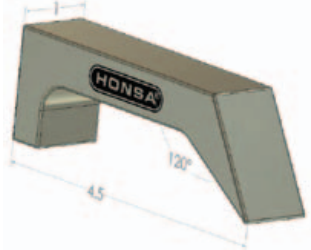
BUCKING BARS



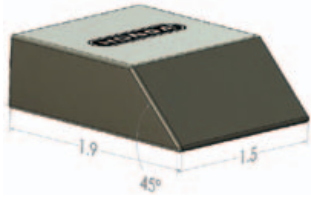
Model: **LBBT001CT** Weight: **1.0 lbs**



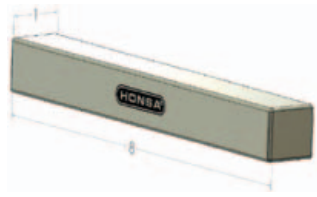
Model: **LBBT004T** Weight: **2.25 lbs**



Model: **LBBT080CT** Weight: **1.0 lbs**



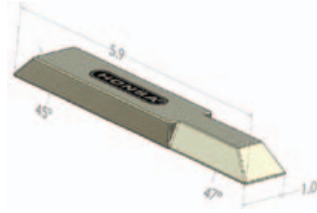
Model: **LBBT108T** Weight: **5.5 lbs**



Model: **LBBT158T** Weight: **12.3 lbs**



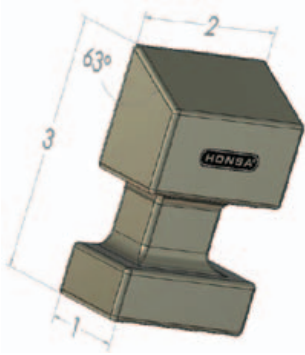
Model: **LBBT201CT** Weight: **1.75 lbs**



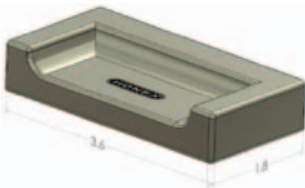
NOTE: All dimensions are in inches.



- Model: Weight:
● **LBBT231T** **3.0 lbs**



- Model: Weight:
● **LBBT367T** **2.4 lbs**



- Model: Weight:
● **LBBT615T** **3.1 lbs**



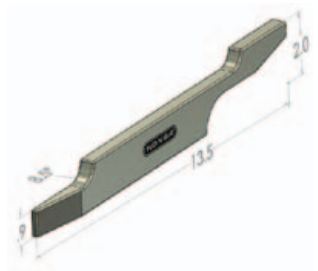
- Model: Weight:
● **LBBT1157T** **7.2 lbs**



- Model: Weight:
● **LBBT1355-LHT** **5.0 lbs**



- Model: Weight:
● **LBBT1355-RHT** **5.0 lbs**



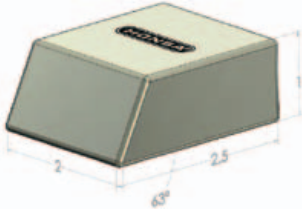
BUCKING BARS



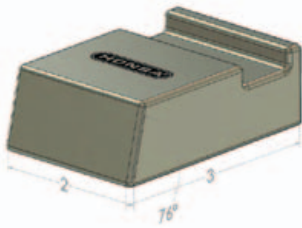
Model: LBBT1412T Weight: 4.4 lbs



Model: LBBT2125T Weight: 3.1 lbs



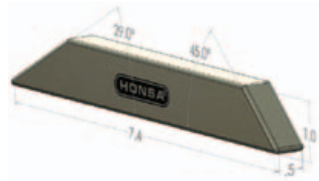
Model: LBBT3234T Weight: 3.7 lbs



Model: LBBT5612T Weight: 2.2 lbs



Model: LBBT7155T Weight: 2.3 lbs



Model: LBBT7344T Weight: 8.6 lbs



Model: MRBT60B-7T Weight: 3.9 lbs



NOTE: All dimensions are in inches.



Model:

● **MRBT60B-8T**

Weight:

3.8 lbs

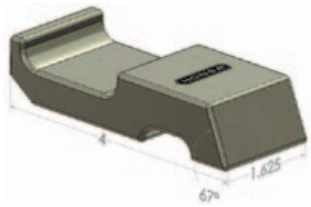


Model:

● **MRBT478T**

Weight:

2.75 lbs

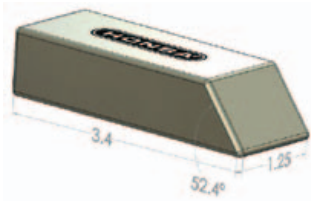


Model:

● **MRBT5084T**

Weight:

2.2 lbs



Model:

● **NBBT1021T**

Weight:

6.2 lbs

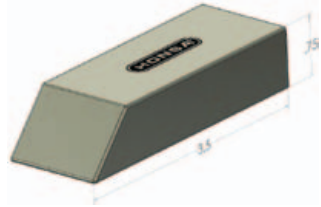


Model:

● **SBBT0100T**

Weight:

2.0 lbs

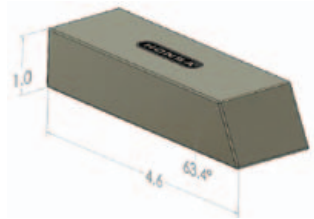


Model:

● **SBBT1000T**

Weight:

4.5 lbs

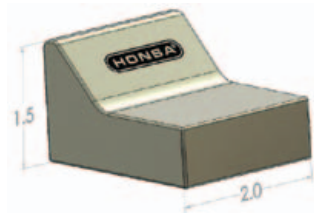


Model:

● **SBBT5039T**

Weight:

3.2 lbs



BUCKING BARS



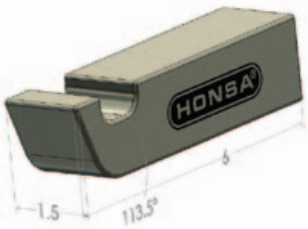
Model: SBBT9175T Weight: 7.9 lbs



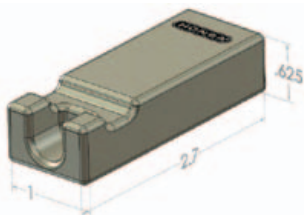
Model: SBBT9176T Weight: 2.8 lbs



Model: TBBT-0573T Weight: 8.7 lbs



Model: TBBT-0682T Weight: 1.0 lbs



Model: TBBT-BS1T Weight: 2.8 lbs



Model: TBBT-BS2T Weight: 3.9 lbs



Model: TBBT-BS3T Weight: 3.7 lbs



NOTE: All dimensions are in inches.

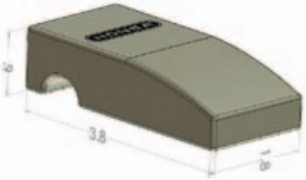


Bucking Bar Models SBBT9175T – TBBT619T

Model: **TBBT-BS271T** Weight: **2.6 lbs**



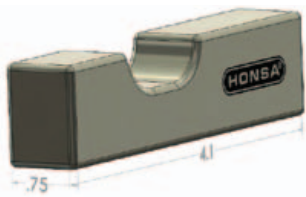
Model: **TBBT-NYBT** Weight: **3.7 lbs**



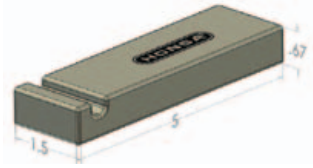
Model: **TBBT272T** Weight: **2.9 lbs**



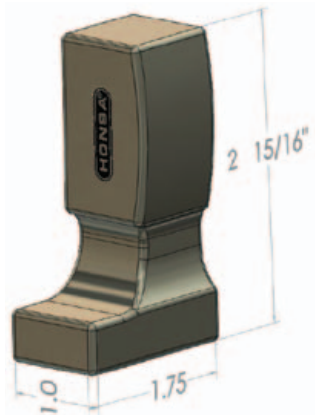
Model: **TBBT606T** Weight: **1.9 lbs**



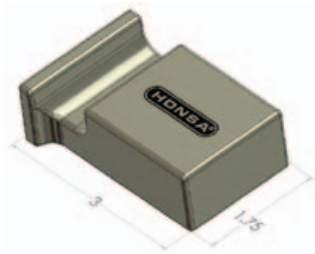
Model: **TBBT0613T** Weight: **3.4 lbs**



Model: **TBBT616T** Weight: **2.1 lbs**



Model: **TBBT619T** Weight: **3.2 lbs**



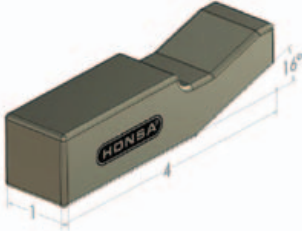
BUCKING BARS



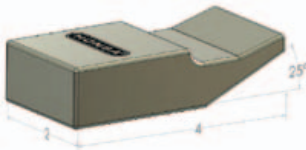
Model: TBBT629T Weight: 3.1 lbs



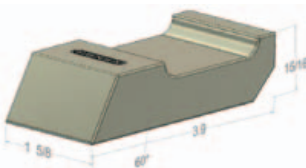
Model: TBBT636T Weight: 2.3 lbs



Model: TBBT637T Weight: 4.3 lbs



Model: TBBT638T Weight: 3.2 lbs



Model: TBBT644T Weight: 26.4 lbs



Model: TBBT648T Weight: 3.5 lbs



Model: TBBT650T Weight: 7.0 lbs



Model: TBBT684T Weight: 12.3 lbs



NOTE: All dimensions are in inches.



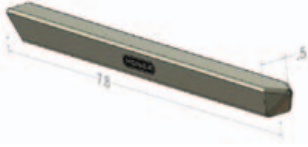
Bucking Bar Models TBBT629T – TBBT722T

Model:

• **TBBT687T**

Weight:

1.25 lbs

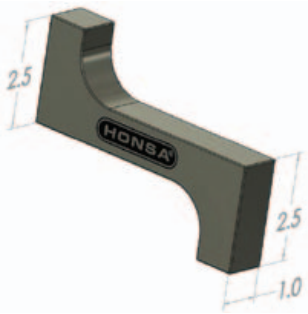


Model:

• **TBBT690T**

Weight:

6.5 lbs



Model:

• **TBBT692T**

Weight:

7.4 lbs



Model:

• **TBBT694T**

Weight:

5.3 lbs

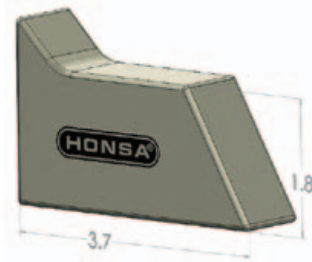


Model:

• **TBBT721T**

Weight:

4.0 lbs

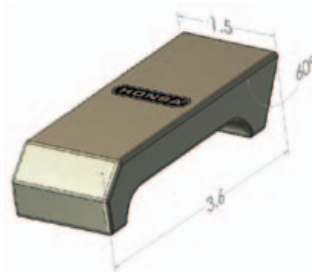


Model:

• **TBBT722T**

Weight:

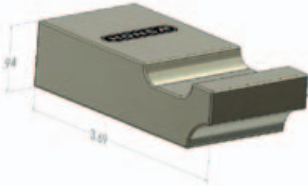
2.1 lbs



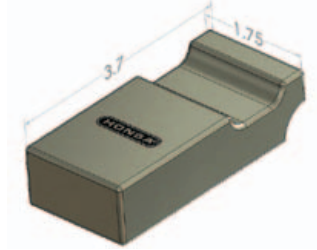
BUCKING BARS



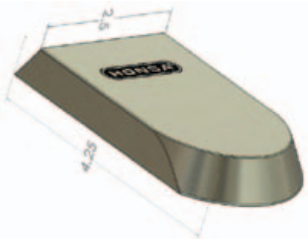
Model: TBBT723T Weight: 3.7 lbs



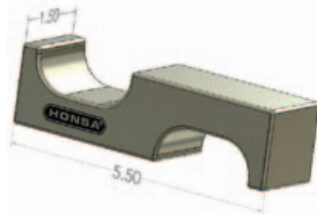
Model: TBBT732T Weight: 3.7 lbs



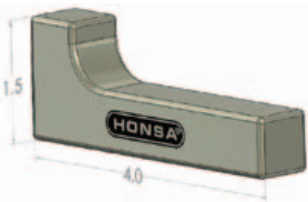
Model: TBBT724T Weight: 4.0 lbs



Model: TBBT736T Weight: 5.7 lbs



Model: TBBT727T Weight: 1.9 lbs



Model: TBBT737T Weight: 2.5 lbs



NOTE: All dimensions are in inches.



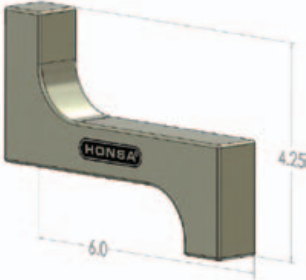
Bucking Bar Models TBBT723T – TBBTJ2T

Model:

• **TBBT750S-61T**

Weight:

6.6 lbs

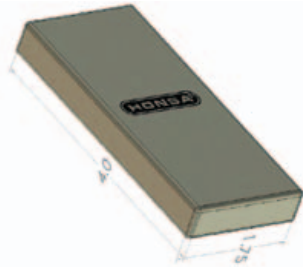


Model:

• **TBBT40114T**

Weight:

2.4 lbs



Model:

• **TBBT40430T**

Weight:

7.1 lbs

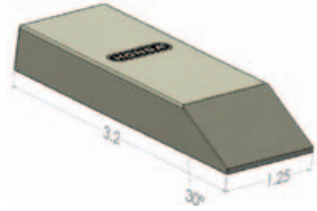


Model:

• **TBBT40439T**

Weight:

1.25 lbs

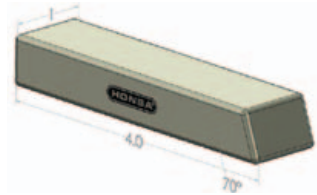


Model:

• **TBBTJ1T**

Weight:

1.7 lbs

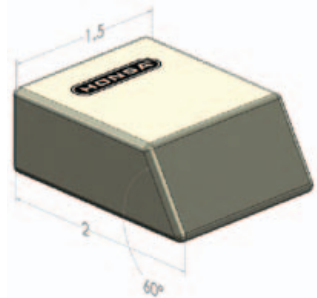


Model:

• **TBBTJ2T**

Weight:

1.4 lbs



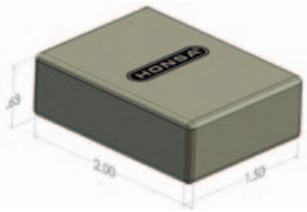
BUCKING BARS



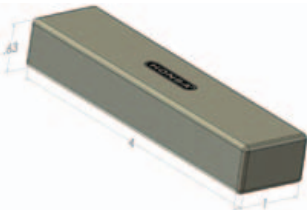
Model: **TBBTJ3T** Weight: **6.4 lbs**



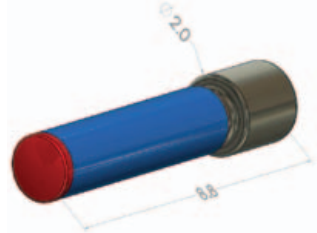
Model: **TBBTJ4T** Weight: **1.3 lbs**



Model: **TBBTJ5T** Weight: **1.7 lbs**



Model: **UBB-2ART** Weight: **8.25 lbs**



Model: **UBB-429T** Weight: **3.4 lbs**



NOTE: All dimensions are in inches.

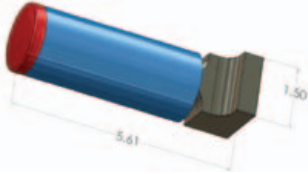


Model:

• **UBB-639T**

Weight:

3.2 lbs

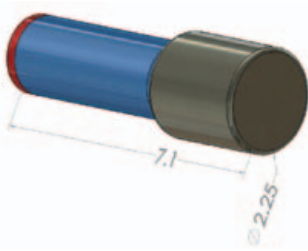


Model:

• **WTB-93T**

Weight:

9.5 lbs



RIVETERS

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You won't find more powerful and rugged pneumatic riveting tools than HONSA's Made-in-the-USA tools. If your application requires the ultimate in improved power-to-weight ratio and increased productivity (less time on the rivet) then HONSA riveters are the best available anywhere.

Our vibration-reduced riveters and air hammers are used in aerospace, shipbuilding and other industries around the world. HONSA's patented ergonomic features make our tools the operators' choice, hands down!



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- Precision spool valve delivers “teasing throttle” with complete control necessary for riveting
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HTO P-38 Series



MODEL	BORE	STROKE	BPM	LENGTH	WEIGHT	SHANK
● HTO P-38 10	9/16"	1 7/8"	3200	6"	2.62 lbs	.401"
● HTO P-38 12	9/16"	3"	2100	8"	3.07 lbs	.401"
● HTO P-38 13	9/16"	4"	1725	9"	3.33 lbs	.401"

HIGH POWERED MODELS:

● HTO P-38 10T	9/16"	1 7/8"	3200	6"	2.69 lbs	.401"
● HTO P-38 12T	9/16"	3"	2100	8"	3.21 lbs	.401"
● HTO P-38 13T	9/16"	4"	1725	9"	3.47 lbs	.401"

HTO P-51 Series



- - Large Diameter Rivets
 - Titanium Rivets
 - Pin Driving
 - Weld Destruct

MODEL	BORE	STROKE	BPM	LENGTH	WEIGHT	SHANK
● HTO P-51C	.850"	6.35"	1400	10.25"	6.10 lbs	.498"
● HTO P-51CR*	.850"	6.35"	1400	10.25"	6.10 lbs	.498"
● HTO P-51D	.850"	4.75"	1400	9.0"	5.21 lbs	.498"
● HTO P-51DR*	.850"	4.75"	1400	9.0"	5.21 lbs	.498"

*Includes 8113R Ball Bearing Retainer

BUCKING BARS

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CPBBT633T	8	JBBT4515T	13
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CPBBT646T	9	LBBT004T	14
CPBBT653T	9	LBBT108T	14
CPBBT662T	9	LBBT158T	14
CPBBT669T	9	LBBT201CT	14
CPBBT670T	9	LBBT231T	15
CPBBT683T	9	LBBT367T	15
CPBBT715T	10	LBBT615T	15
CPBBT719T	10	LBBT1157T	15
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CPBBT760B-7T	10	LBBT2125T	16
CPBBT760B-10T	11	LBBT3234T	16
CPBBT1111T	11	LBBT5612T	16
CPBBT7410T	11	LBBT7155T	16
CPBBT7411T	11	LBBT7344T	16
CPBBT7412T	11	LBBT080CT	16
CPBBT7413T	11	MRBT60B-7T	16
CPBBT7414T	11	MRBT60B-8T	17
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CPBBT7425T	12	MRBT5084T	17
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