LOUDON INDUSTRIES "ROCK HOG®"

Threaded Button Bits

Loudon Industries has designed and manufactures in house a complete line of fast penetrating and rock pulverizing threaded button bits for the worldwide drilling industry. Rock Hog Threaded Bits have generated a price/performance leader for the drilling industry.

Loudon "Rock Hog" bits are suited for any type of drilling environment including, water well, quarries, open pit and underground mining, construction, blasting, environmental, and oil and gas.

Technical Specifications:

- ✔ Loudon bits are computer designed, engineered, and manufactured, for superior penetration while maintaining maximum cleaning action at the face of the bit, thus extending the working life of the product.
- ✔ Products are field tested to our stringent quality requirements to provide consistent performance results in the field.
- ✔ Loudon bits are conditioned by a special manufacturing procedure which establishes a protective cushion on the bits, thus abating cracks which often occur in hi-impact drilling products.
- ✔ Bits are manufactured utilizing premium aircraft alloy steels, which provide for the longest possible product life. In addition premium quality carbide buttons are used in all of our drill bits.
- ✔ Multiple precision heat treatments of Loudon drill bits extend the product life for maximum wear and performance in the toughest of drilling conditions.
- ✔ The combination of premium steel, quality carbide, exact heat treatments, and state of the art design and manufacturing, yield a superior product capable of performing in the toughest of drilling conditions on a competitive basis.

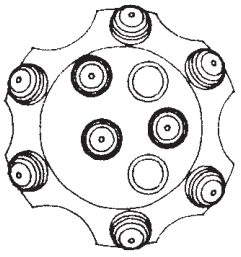
ROCK HOG® THREADED BUTTON BITS

FACE STYLES

Loudon's Rock Hog Series of Threaded Button Bits are available in two face styles and the majority of the popular thread forms. Our Rock Hog Threaded Button Bits are available in a 2" head size through a 5" head size, other head sizes and thread forms are available on a special order basis. Additionally, while 6 gauge row buttons are shown, 7 and 8 gauge row buttons are available. Common face styles and the drilling application best suited for that face are shown below.

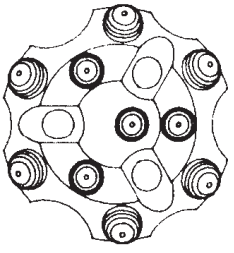
FLAT

The flat face bit as the name implies is flat across the bit front. This bit is very aggressive in drilling applications and is suited best for very hard rock and in hard rock broken formations. Used primarily in blast hole work, the bit tends to lead off when drilling deep holes.



DROP CENTER

This type of drilling face is best suited for less hard and medium type rock formations. The drop center bit drills straight holes while maintaining good penetration. This face design is not as strong as the flat face design however straighter holes will prevail with this type of drilling face.

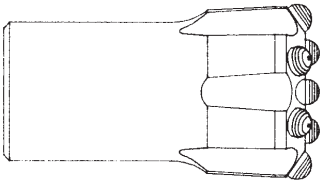


STRAIGHT SHANK AND RETRAC SHANK STYLES

Two types of shank styles are utilized with threaded button bits, the standard Straight Shank and the Retrac Shank.

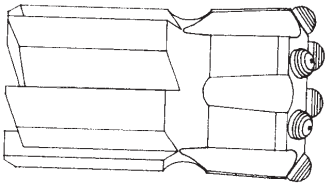
STRAIGHT SHANK

The straight shank is very common and is the industry standard. This shank style provides for the most clearance for cuttings coming back up the hole and away from the cutting face.



RETRAC SHANK

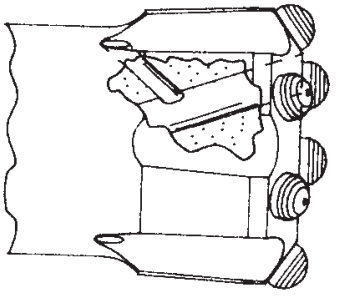
The retrac shank has more mass and is utilized for two primary drilling purposes. First the retrac design will serve as a guide and drill straighter holes. Second the retrac design can be used to drill up and out of the hole when drilling in loose and broken rock formations.



ROCK HOG® THREADED BUTTON BITS

VENTURI AIR HOLES

Loudon's Rock Hog Threaded Button Bits are also available with Venturi Air Holes or Reverse Flushing Holes. These holes allow for more efficient cleaning of material away from the cutting face of the bit in some types of rock formations.



CARBIDE BUTTONS

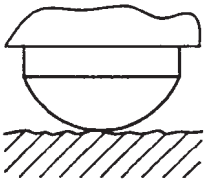
CARBIDE SIZE AND SHAPE IN ROCK HOG THREADED BUTTON BITS

Loudon product engineers have chosen the best all around button size and number of buttons for each size bit. Large carbides tend to last longer, are less likely to have shear failure, and require less frequent sharpening. Smaller carbides tend to drill faster however, the sharpening interval is more frequent and they do wear out faster. Threaded Button Bits tend to have larger buttons on the gauge row and smaller buttons in the center.

Loudon's Rock Hog Threaded Button Bits are available in two different carbide shapes. These shapes are Domed (sometimes referred to as spherical) and Ballistic. Due to the high impact and stress incurred in buttons in Threaded Button Bits, Loudon has chosen a premium carbide with excellent resistance to wear and high toughness properties for all of our Rock Hog Threaded Button Bits. The following shows the types of buttons available.

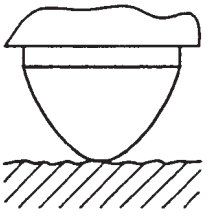
DOMED (SPHERICAL)

This type of button is the most common shape utilized in Threaded Button Bits. This type of shape is the strongest and most resistant to breakage. The domed shape provides excellent penetration in medium rock, hard rock, and hard rock broken formations under most types of drilling conditions.



BALLISTIC

Normally this type of button is only used in soft consolidated drilling formations. This type of button is very aggressive and tends to drill very quickly. However, due to the ballistic shape it is prone to breakage if used in the wrong formations. Care should be used when drilling with this type button. Ballistic buttons do yield high penetration rates and efficient rock breakage.



ROCK HOG®

DTH & THREADED BUTTON BIT

ENTIRE PART NUMBER

XXXXXXX XXX XXX

HEAD NUMBER

XXX X XX X

SHANK NUMBER

XXX

This Number Defines the Bit Shank

OPTIONS

X...X

Letters Define Optional Features on the Bit:

B = All Ballistic Buttons

F = Ballistic Face Domed Gauge

G = Ballistic Gauge Domed Face

M*_ = ***_** Domed Rev Buttons

R*_ = ***_** Ballistic Rev Buttons

RT = Retrac Shank

V = Venturi Holes

W*_ = ***_** Wear Pads

NOTE: * = Quantity of Buttons

SIZE
XXX

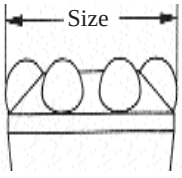
Diameter Over the Carbide in Inches:

XX Whole Size

X Fractional Size

EXAMPLES

25 = 2-1/2”
33 = 3-3/8”
40 = 4”
52 = 5-1/4”
61 = 6-1/8”
78 = 7-7/8”
86 = 8-5/8”
107 = 10-3/4”



FACE
X

C = CONCAVE

D = DROP CENTER

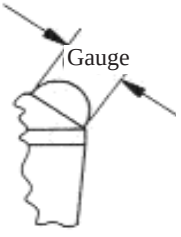
F = FLAT

V = CONVEX

GAUGE
XX

Diameter of the Gauge Buttons in *inches* (mm)

31 = 5/16 (7.9)
35 = —— (9.0)
38 = 3/8 (9.5)
44 = 7/16 (11.1)
50 = 1/2 (12.7)
56 = 9/16 (14.5)
62 = 5/8 (15.9)
75 = 3/4 (19.0)



DESIGN
X

Number for Loudon Use Only

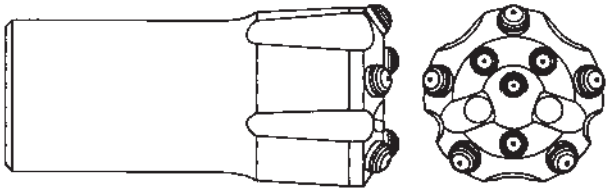
ROCK HOG®
ROCK DRILLING PRODUCTS
LOUDON INDUSTRIES, INC.
MERCERSBURG, PENNA., USA

4/97

ROCK HOG®

THREADED BUTTON BITS

ROPE THREAD SHANK



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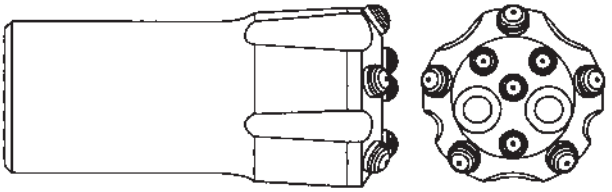

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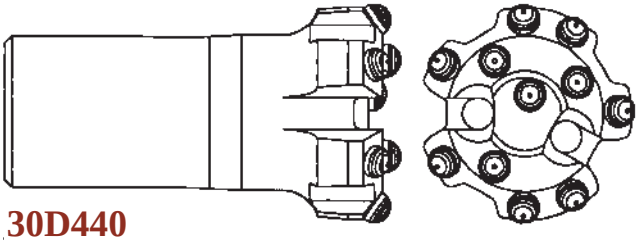

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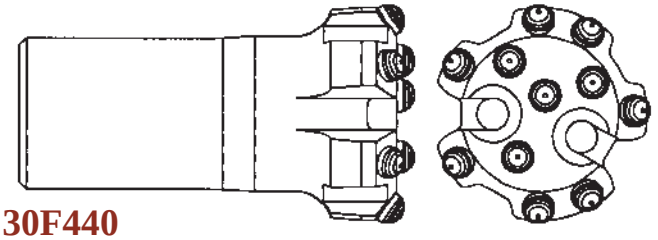

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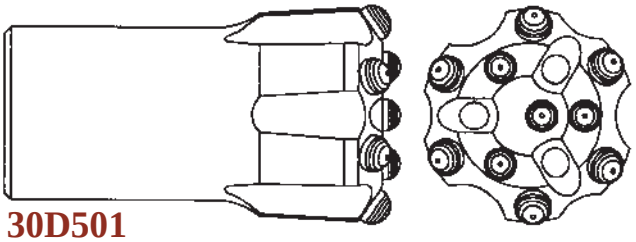

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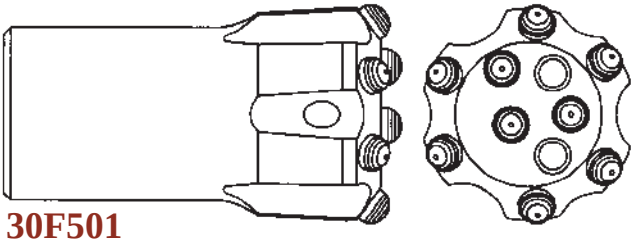

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ROCK HOG®

THREADED BUTTON BITS

ROPE THREAD SHANK

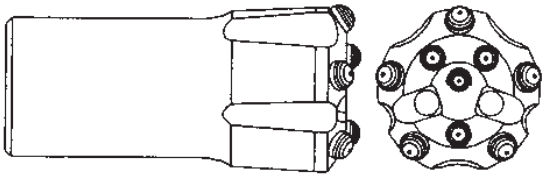
BIT DIA. inch / mm		PART NO. ROPE THREAD STYLE	BIT FACE STYLE F=FLAT DC=DROP CENTER	BIT ROPE SIZE inch / mm		BUTTON SHAPE D=DOMED B=BALLISTIC	NO. of BUTTONS X BUTTON DIAMETER GAUGE	/ CENTER	NO. of FLUSHING HOLES F=FACE S=SIDE	APPROX. WEIGHT lbs	/ kgs
2 1/2	**64**	25D441R12	DC	1 1/4	32	D	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	3.5	1.6
2 1/2	**64**	25D441R12B	DC	1 1/4	32	B	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	3.5	1.6
2 1/2	**64**	25F441R12	F	1 1/4	32	D	5 x 7/16	4 x 3/8	2 F	3.5	1.6
2 1/2	**64**	25F441R12B	F	1 1/4	32	B	5 x 7/16	4 x 3/8	2 F	3.5	1.6
2 1/2	**64**	25D441R15	DC	1 1/2	38	D	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	3	1.4
2 1/2	**64**	25D441R15B	DC	1 1/2	38	B	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	3	1.4
2 1/2	**64**	25F441R15	F	1 1/2	38	D	5 x 7/16	4 x 3/8	2 F	3	1.4
2 1/2	**64**	25F441R15B	F	1 1/2	38	B	5 x 7/16	4 x 3/8	2 F	3	1.4
3	76	30D440R12	DC	1 1/4	32	D	7 x 7/16	4 x 7/16	2 F	4.7	2.1
3	76	30D440R12B	DC	1 1/4	32	B	7 x 7/16	4 x 7/16	2 F	4.7	2.1
3	76	30F440R12	F	1 1/4	32	D	7 x 7/16	4 x 7/16	2 F	4.7	2.1
3	76	30F440R12B	F	1 1/4	32	B	7 x 7/16	4 x 7/16	2 F	4.7	2.1
3	76	30D440R15	DC	1 1/2	38	D	7 x 7/16	4 x 7/16	2 F	4	1.8
3	76	30D440R15B	DC	1 1/2	38	B	7 x 7/16	4 x 7/16	2 F	4	1.8
3	76	30F440R15	F	1 1/2	38	D	7 x 7/16	4 x 7/16	2 F	4	1.8
3	76	30F440R15B	F	1 1/2	38	B	7 x 7/16	4 x 7/16	2 F	4	1.8
3	**76**	30D501R12	DC	1 1/4	32	D	6 x 1/2	4 x 7/16	3 F	6	2.7
3	**76**	30D501R12B	DC	1 1/4	32	B	6 x 1/2	4 x 7/16	3 F	6	2.7
3	**76**	30F501R12	F	1 1/4	32	D	6 x 1/2	3 x 1/2	2 F, 1 S	6	2.7
3	**76**	30F501R12B	F	1 1/4	32	B	6 x 1/2	3 x 1/2	2 F, 1 S	6	2.7
3	**76**	30D501R15	DC	1 1/2	38	D	6 x 1/2	4 x 7/16	3 F	5.5	2.5
3	**76**	30D501R15B	DC	1 1/2	38	B	6 x 1/2	4 x 7/16	3 F	5.5	2.5
3	**76**	30F501R15	F	1 1/2	38	D	6 x 1/2	3 x 1/2	2 F, 1 S	5.5	2.5
3	**76**	30F501R15B	F	1 1/2	38	B	6 x 1/2	3 x 1/2	2 F, 1 S	5.5	2.5

To Order Threaded Button Bits with Venturi Holes, Add "V" to the end of the part number.
Special Orders Available Upon Request

ROCK HOG®

THREADED BUTTON BITS

T-38 SHANK STYLE



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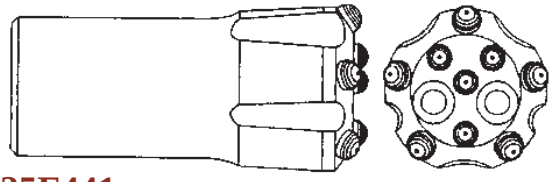

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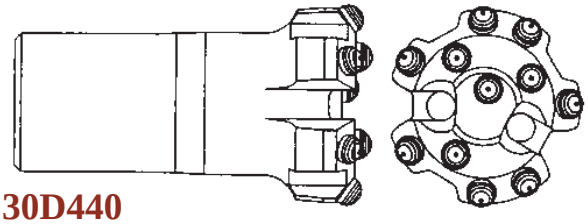

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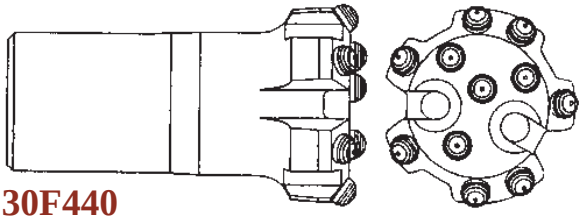

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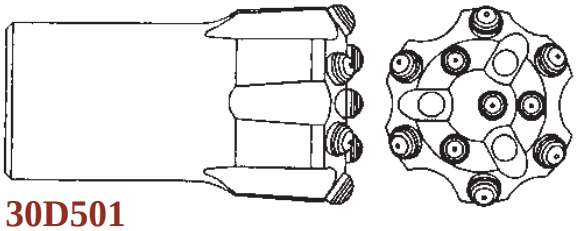

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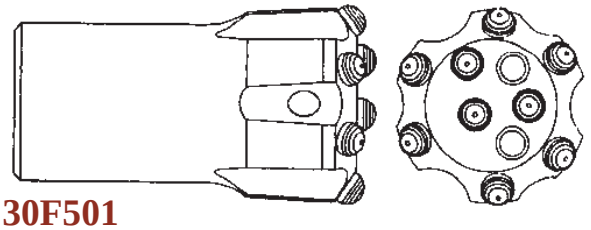

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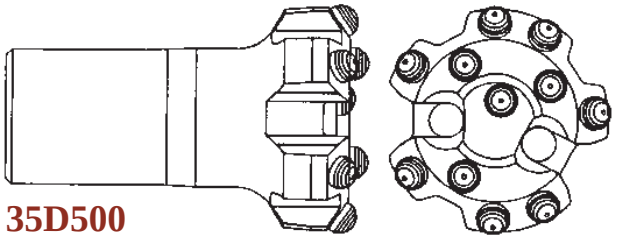

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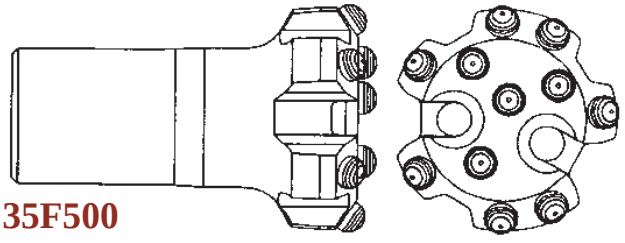

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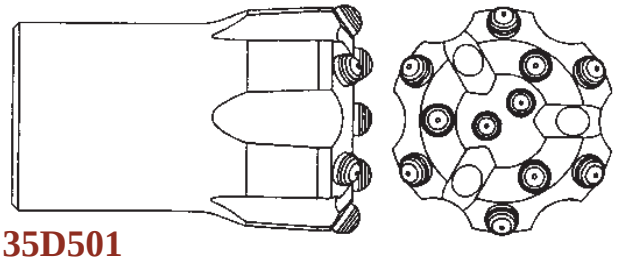

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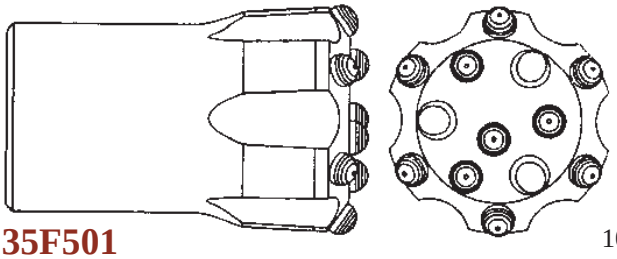

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ROCK HOG®

THREADED BUTTON BITS

T-38 SHANK STYLE

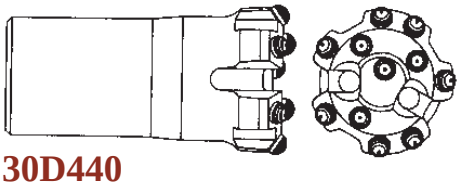
BIT DIA. inch / mm		PART NO. T-38 THREAD STYLE	BIT FACE STYLE F=FLAT DC=DROP CENTER	BIT SHANK STYLE	BUTTON SHAPE D=DOMED B=BALLISTIC	NO. of BUTTONS x BUTTON DIAMETER GAUGE / CENTER		NO. of FLUSHING HOLES F=FACE S=SIDE	APPROX. WEIGHT lbs / kgs	
2 1/2	**64**	25D441T38	DC	STRAIGHT	D	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	3	1.4
2 1/2	**64**	25D441T38B	DC	STRAIGHT	B	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	3	1.4
2 1/2	**64**	25D441T38RT	DC	RETRAC	D	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	4	1.8
2 1/2	**64**	25D441T38BRT	DC	RETRAC	B	5 x 7/16	3 x 3/8, 1 x 5/16	2 F	4	1.8
2 1/2	**64**	25F441T38	F	STRAIGHT	D	5 x 7/16	4 x 3/8	2 F	3	1.4
2 1/2	**64**	25F441T38B	F	STRAIGHT	B	5 x 7/16	4 x 3/8	2 F	3	1.4
2 1/2	**64**	25F441T38RT	F	RETRAC	D	5 x 7/16	4 x 3/8	2 F	4	1.8
2 1/2	**64**	25F441T38BRT	F	RETRAC	B	5 x 7/16	4 x 3/8	2 F	4	1.8
3	**76**	30D440T38	DC	STRAIGHT	D	7 x 7/16	4 x 7/16	2 F	4	1.8
3	**76**	30D440T38B	DC	STRAIGHT	B	7 x 7/16	4 x 7/16	2 F	4	1.8
3	**76**	30D440T38RT	DC	RETRAC	D	7 x 7/16	4 x 7/16	2 F	5	2.3
3	**76**	30D440T38BRT	DC	RETRAC	B	7 x 7/16	4 x 7/16	2 F	5	2.3
3	**76**	30F440T38	F	STRAIGHT	D	7 x 7/16	4 x 7/16	2 F	4	1.8
3	**76**	30F440T38B	F	STRAIGHT	B	7 x 7/16	4 x 7/16	2 F	4	1.8
3	**76**	30F440T38RT	F	RETRAC	D	7 x 7/16	4 x 7/16	2 F	5	2.3
3	**76**	30F440T38BRT	F	RETRAC	B	7 x 7/16	4 x 7/16	2 F	5	2.3
3	**76**	30D501T38	DC	STRAIGHT	D	6 x 1/2	4 x 7/16	3 F	6	2.7
3	**76**	30D501T38B	DC	STRAIGHT	B	6 x 1/2	4 x 7/16	3 F	6	2.7
3	**76**	30D501T38RT	DC	RETRAC	D	6 x 1/2	4 x 7/16	3 F	7	3.2
3	**76**	30D501T38BRT	DC	RETRAC	B	6 x 1/2	4 x 7/16	3 F	7	3.2
3	**76**	30F501T38	F	STRAIGHT	D	6 x 1/2	3 x 1/2	2 F, 1 S	6	2.7
3	**76**	30F501T38B	F	STRAIGHT	B	6 x 1/2	3 x 1/2	2 F, 1 S	6	2.7
3	**76**	30F501T38RT	F	RETRAC	D	6 x 1/2	3 x 1/2	2 F, 1 S	7	3.2
3	**76**	30F501T38BRT	F	RETRAC	B	6 x 1/2	3 x 1/2	2 F, 1 S	7	3.2
3 1/2	**89**	35D500T38	DC	STRAIGHT	D	7 x 1/2	4 x 1/2	2 F	5	2.3
3 1/2	**89**	35D500T38B	DC	STRAIGHT	B	7 x 1/2	4 x 1/2	2 F	5	2.3
3 1/2	**89**	35D500T38RT	DC	RETRAC	D	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	**89**	35D500T38BRT	DC	RETRAC	B	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	**89**	35F500T38	F	STRAIGHT	D	7 x 1/2	4 x 1/2	2 F	5	2.3
3 1/2	**89**	35F500T38B	F	STRAIGHT	B	7 x 1/2	4 x 1/2	2 F	5	2.3
3 1/2	**89**	35F500T38RT	F	RETRAC	D	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	**89**	35F500T38BRT	F	RETRAC	B	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	**89**	35D501T38	DC	STRAIGHT	D	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	7	3.2
3 1/2	**89**	35D501T38B	DC	STRAIGHT	B	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	7	3.2
3 1/2	**89**	35D501T38RT	DC	RETRAC	D	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	8.5	3.9
3 1/2	**89**	35D501T38BRT	DC	RETRAC	B	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	8.5	3.9
3 1/2	**89**	35F501T38	F	STRAIGHT	D	6 x 1/2	4 x 1/2	3 F	7	3.2
3 1/2	**89**	35F501T38B	F	STRAIGHT	B	6 x 1/2	4 x 1/2	3 F	7	3.2
3 1/2	**89**	35F501T38RT	F	RETRAC	D	6 x 1/2	4 x 1/2	3 F	8.5	3.9
3 1/2	**89**	35F501T38BRT	F	RETRAC	B	6 x 1/2	4 x 1/2	3 F	8.5	3.9

To Order Threaded Button Bits with Venturi Holes, Add "V" to the end of the part number.
Special Orders Available Upon Request

ROCK HOG®

THREADED BUTTON BITS

T-45 SHANK STYLE



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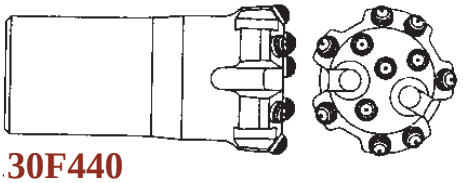

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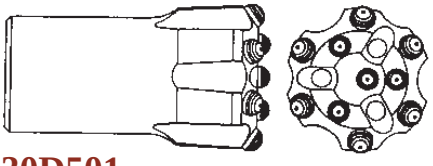

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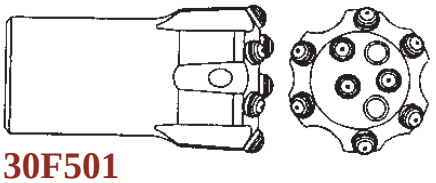

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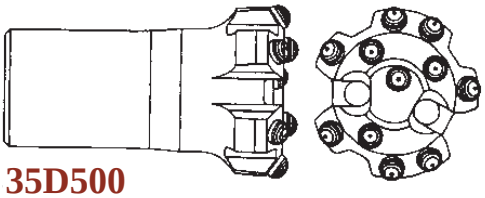

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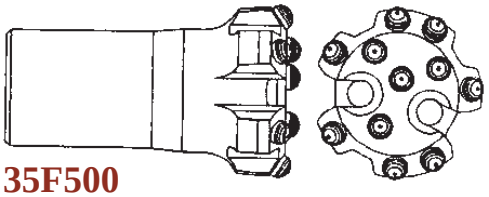

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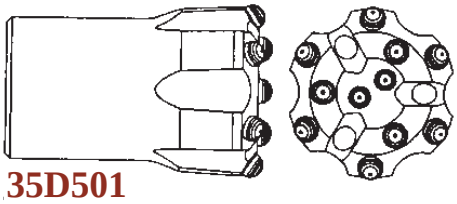

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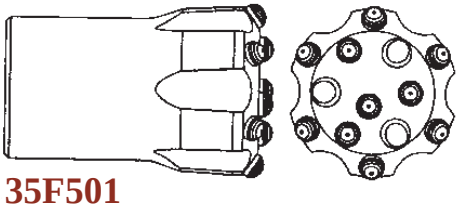

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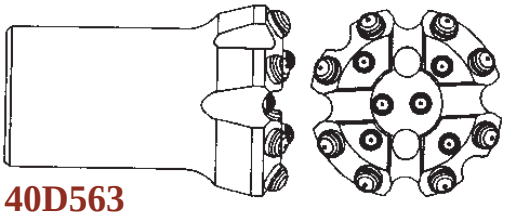

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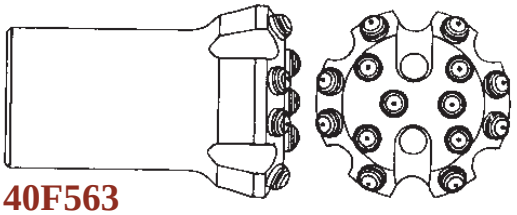

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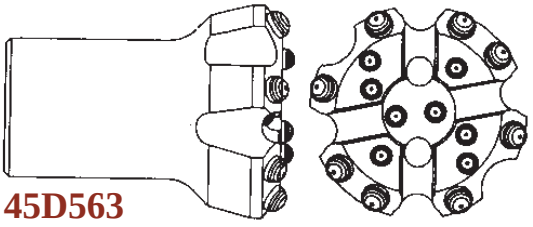

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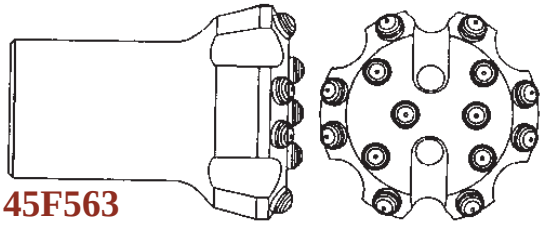


45F563

10/97

ROCK HOG®

THREADED BUTTON BITS

T-45 SHANK STYLE

BIT DIA. inch / mm		PART NO. T-45 THREAD STYLE	BIT FACE STYLE F=FLAT DC=DROP CENTER	BIT SHANK STYLE	BUTTON SHAPE D=DOMED B=BALLISTIC	NO. of BUTTONS X BUTTON DIAMETER GAUGE	/ CENTER	NO. of FLUSHING HOLES F=FACE S=SIDE	APPROX. WEIGHT lbs	/ kgs
3	76	30D440T45	DC	STRAIGHT	D	7 x 7/16	4 x 7/16	2 F	5	2.3
3	76	30D440T45B	DC	STRAIGHT	B	7 x 7/16	4 x 7/16	2 F	5	2.3
3	76	30D440T45RT	DC	RETRAC	D	7 x 7/16	4 x 7/16	2 F	6	2.7
3	76	30D440T45BRT	DC	RETRAC	B	7 x 7/16	4 x 7/16	2 F	6	2.7
3	76	30F440T45	F	STRAIGHT	D	7 x 7/16	4 x 7/16	2 F	5	2.3
3	76	30F440T45B	F	STRAIGHT	B	7 x 7/16	4 x 7/16	2 F	5	2.3
3	76	30F440T45RT	F	RETRAC	D	7 x 7/16	4 x 7/16	2 F	6	2.7
3	76	30F440T45BRT	F	RETRAC	B	7 x 7/16	4 x 7/16	2 F	6	2.7
3	76	30D501T45	DC	STRAIGHT	D	6 x 1/2	4 x 7/16	3 F	5.5	2.5
3	76	30D501T45B	DC	STRAIGHT	B	6 x 1/2	4 x 7/16	3 F	5.5	2.5
3	76	30D501T45RT	DC	RETRAC	D	6 x 1/2	4 x 7/16	3 F	6.5	3.0
3	76	30D501T45BRT	DC	RETRAC	B	6 x 1/2	4 x 7/16	3 F	6.5	3.0
3	76	30F501T45	F	STRAIGHT	D	6 x 1/2	3 x 1/2	2 F, 1 S	5.5	2.5
3	76	30F501T45B	F	STRAIGHT	B	6 x 1/2	3 x 1/2	2 F, 1 S	5 5	2.5
3	76	30F501T45RT	F	RETRAC	D	6 x 1/2	3 x 1/2	2 F, 1 S	6 5	3.0
3	76	30F501T45BRT	F	RETRAC	B	6 x 1/2	3 x 1/2	2 F, 1 S	6.5	3.0
3 1/2	89	35D500T45	DC	STRAIGHT	D	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	89	35D500T45B	DC	STRAIGHT	B	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	89	35D500T45RT	DC	RETRAC	D	7 x 1/2	4 x 1/2	2 F	7	3.2
3 1/2	89	35D500T45BRT	DC	RETRAC	B	7 x 1/2	4 x 1/2	2 F	7	3.2
3 1/2	89	35F500T45	F	STRAIGHT	D	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	89	35F500T45B	F	STRAIGHT	B	7 x 1/2	4 x 1/2	2 F	6	2.7
3 1/2	89	35F500T45RT	F	RETRAC	D	7 x 1/2	4 x 1/2	2 F	7	3.2
3 1/2	89	35F500T45BRT	F	RETRAC	B	7 x 1/2	4 x 1/2	2 F	7	3.2
3 1/2	89	35D501T45	DC	STRAIGHT	D	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	6.5	3.0
3 1/2	89	35D501T45B	DC	STRAIGHT	B	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	6.5	3.0
3 1/2	89	35D501T45RT	DC	RETRAC	D	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	8	3.6
3 1/2	89	35D501T45BRT	DC	RETRAC	B	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	8	3.6
3 1/2	89	35F501T45	F	STRAIGHT	D	6 x 1/2	4 x 1/2	3 F	6.5	3 0
3 1/2	89	35F501T45B	F	STRAIGHT	B	6 x 1/2	4 x 1/2	3 F	6.5	3.0
3 1/2	89	35F501T45RT	F	RETRAC	D	6 x 1/2	4 x 1/2	3 F	8	3.6
3 1/2	89	35F501T45BRT	F	RETRAC	B	6 x 1/2	4 x 1/2	3 F	8	3.6
4	102	40D563T45	DC	STRAIGHT	D	8 x 9/16	6 x 7/16	2 F	8.5	3.8
4	102	40D563T45B	DC	STRAIGHT	B	8 x 9/16	6 x 7/16	2 F	8.5	3.8
4	102	40D563T45RT	DC	RETRAC	D	8 x 9/16	6 x 7/16	2 F	10	4.5
4	102	40D563T45BRT	DC	RETRAC	B	8 x 9/16	6 x 7/16	2 F	10	4.5
4	102	40F563T45	F	STRAIGHT	D	8 x 9/16	6 x 1/2	2 F	8.5	3.8
4	102	40F563T45B	F	STRAIGHT	B	8 x 9/16	6 x 1/2	2 F	8.5	3.8
4	102	40F563T45RT	F	RETRAC	D	8 x 9/16	6 x 1/2	2 F	10	4.5
4	102	40F563T45BRT	F	RETRAC	B	8 x 9/16	6 x 1/2	2 F	10	4.5
4 1/2	115	45D563T45	DC	STRAIGHT	D	8 x 9/16	8 x 7/16	2 F	9.5	4.3
4 1/2	115	45D563T45B	DC	STRAIGHT	B	8 x 9/16	8 x 7/16	2 F	9.5	4.3
4 1/2	115	45D563T45RT	DC	RETRAC	D	8 x 9/16	8 x 7/16	2 F	13	5.9
4 1/2	115	45D563T45BRT	DC	RETRAC	B	8 x 9/16	8 x 7/16	2 F	13	5.9
4 1/2	115	45F563T45	F	STRAIGHT	D	8 x 9/16	6 x 9/16	2 F	9.5	4.3
4 1/2	115	45F563T45B	F	STRAIGHT	B	8 x 9/16	6 x 9/16	2 F	9.5	4.3
4 1/2	115	45F563T45RT	F	RETRAC	D	8 x 9/16	6 x 9/16	2 F	13	5.9
4 1/2	115	45F563T45BRT	F	RETRAC	B	8 x 9/16	6 x 9/16	2 F	13	5.9

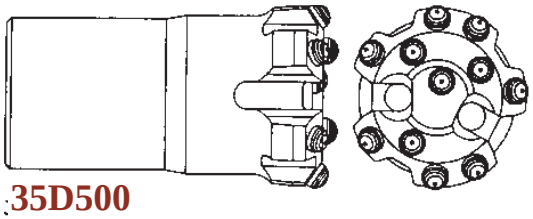
To Order Threaded Button Bits with Venturi Holes, Add "V" to the end of the part number.

Special Orders Available Upon Request

ROCK HOG®

THREADED BUTTON BITS

T-51 SHANK STYLE



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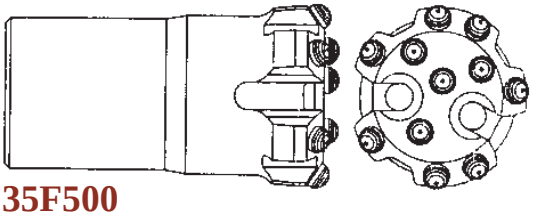

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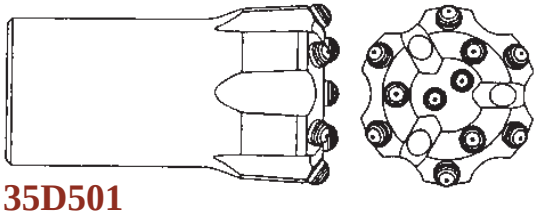

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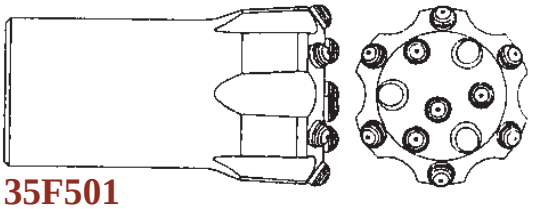

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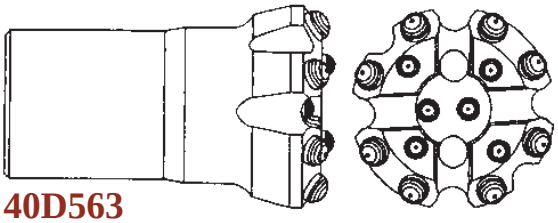

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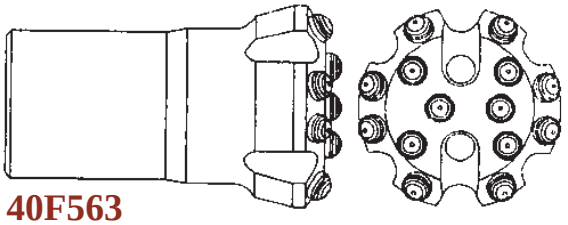

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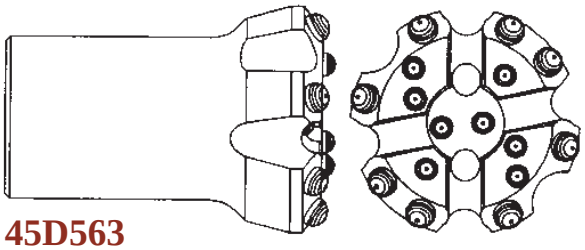

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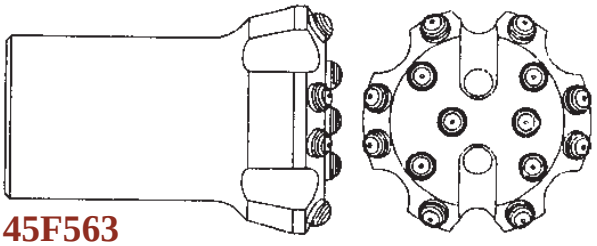

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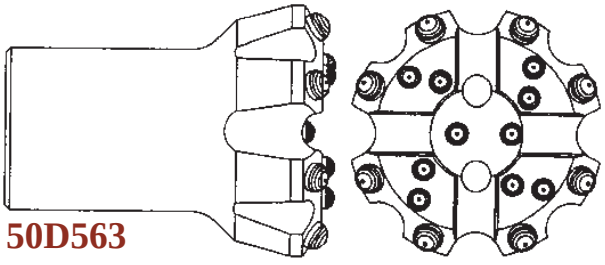

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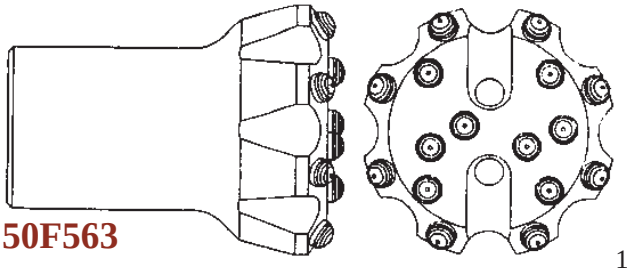

50F563

10/97

ROCK HOG®

THREADED BUTTON BITS

T-51 SHANK STYLE

BIT DIA. inch /mm		PART NO. T-51 THREAD STYLE	BIT FACE STYLE F=FLAT DC=DROP CENTER	BIT SHANK STYLE	BUTTON SHAPE D=DOMED B=BALLISTIC	NO. of BUTTONS X BUTTON DIAMETER GAUGE	CENTER	NO. of FLUSHING HOLES F=FACE S=SIDE	APPROX. WEIGHT lbs	kgs
3 1/2	89	35D500T51	DC	STRAIGHT	D	7 x 1/2	4 x 1/2	2 F	8	3.6
3 1/2	89	35D500T51B	DC	STRAIGHT	B	7 x 1/2	4 x 1/2	2 F	8	3.6
3 1/2	89	35D500T51RT	DC	RETRAC	D	7 x 1/2	4 x 1/2	2 F	9.5	4.3
3 1/2	89	35D500T51BRT	DC	RETRAC	B	7 x 1/2	4 x 1/2	2 F	9.5	4.3
3 1/2	89	35F500T51	F	STRAIGHT	D	7 x 1/2	4 x 1/2	2 F	8	3.6
3 1/2	89	35F500T51B	F	STRAIGHT	B	7 x 1/2	4 x 1/2	2 F	8	3.6
3 1/2	89	35F500T51RT	F	RETRAC	D	7 x 1/2	4 x 1/2	2 F	9.5	4.3
3 1/2	89	35F500T51BRT	F	RETRAC	B	7 x 1/2	4 x 1/2	2 F	9.5	4.3
3 1/2	89	35D501T51	DC	STRAIGHT	D	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	9	4.1
3 1/2	89	35D501T51B	DC	STRAIGHT	B	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	9	4.1
3 1/2	89	35D501T51RT	DC	RETRAC	D	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	12	5.5
3 1/2	89	35D501T51BRT	DC	RETRAC	B	6 x 1/2	3 x 1/2, 2 x 7/16	3 F	12	5.5
3 1/2	89	35F501T51	F	STRAIGHT	D	6 x 1/2	4 x 1/2	3 F	9	4.1
3 1/2	89	35F501T51B	F	STRAIGHT	B	6 x 1/2	4 x 1/2	3 F	9	4.1
3 1/2	89	35F501T51RT	F	RETRAC	D	6 x 1/2	4 x 1/2	3 F	12	5.5
3 1/2	89	35F501T51BRT	F	RETRAC	B	6 x 1/2	4 x 1/2	3 F	12	5.5
4	102	40D563T51	DC	STRAIGHT	D	8 x 9/16	6 x 7/16	2 F	9.5	4.3
4	102	40D563T51B	DC	STRAIGHT	B	8 x 9/16	6 x 7/16	2 F	9.5	4.3
4	102	40D563T51RT	DC	RETRAC	D	8 x 9/16	6 x 7/16	2 F	11.5	5.2
4	102	40D563T51BRT	DC	RETRAC	B	8 x 9/16	6 x 7/16	2 F	11.5	5.2
4	102	40F563T51	F	STRAIGHT	D	8 x 9/16	6 x 1/2	2 F	9.5	4.3
4	102	40F563T51B	F	STRAIGHT	B	8 x 9/16	6 x 1/2	2 F	9.5	4.3
4	102	40F563T51RT	F	RETRAC	D	8 x 9/16	6 x 1/2	2 F	11.5	5.2
4	102	40F563T51BRT	F	RETRAC	B	8 x 9/16	6 x 1/2	2 F	11.5	5.2
4 1/2	115	45D563T51	DC	STRAIGHT	D	8 x 9/16	8 x 7/16	2 F	12.5	5.7
4 1/2	115	45D563T51B	DC	STRAIGHT	B	8 x 9/16	8 x 7/16	2 F	12.5	5.7
4 1/2	115	45D563T51RT	DC	RETRAC	D	8 x 9/16	8 x 7/16	2 F	16.2	7.3
4 1/2	115	45D563T51BRT	DC	RETRAC	B	8 x 9/16	8 x 7/16	2 F	16.2	7.3
4 1/2	115	45F563T51	F	STRAIGHT	D	8 x 9/16	6 x 9/16	2 F	12.5	5.7
4 1/2	115	45F563T51B	F	STRAIGHT	B	8 x 9/16	6 x 9/16	2 F	12.5	5.7
4 1/2	115	45F563T51RT	F	RETRAC	D	8 x 9/16	6 x 9/16	2 F	16.2	7.3
4 1/2	115	45F563T51BRT	F	RETRAC	B	8 x 9/16	6 x 9/16	2 F	16.2	7.3
5	127	50D563T51	DC	STRAIGHT	D	8 x 9/16	10 x 7/16	2 F	15.2	6.9
5	127	50D563T51B	DC	STRAIGHT	B	8 x 9/16	10 x 7/16	2 F	15.2	6.9
5	127	50D563T51RT	DC	RETRAC	D	8 x 9/16	10 x 7/16	2 F	21.2	9.6
5	127	50D563T51BRT	DC	RETRAC	B	8 x 9/16	10 x 7/16	2 F	21.2	9.6
5	127	50F563T51	F	STRAIGHT	D	8 x 9/16	8 x 9/16	2 F	15.5	7
5	127	50F563T51B	F	STRAIGHT	B	8 x 9/16	8 x 9/16	2 F	15.5	7
5	127	50F563T51RT	F	RETRAC	D	8 x 9/16	8 x 9/16	2 F	21.5	9.8
5	127	50F563T51BRT	F	RETRAC	B	8 x 9/16	8 x 9/16	2 F	21.5	9.8

To Order Threaded Button Bits with Venturi Holes, Add "V" to the end of the part number.
Special Orders Available Upon Request