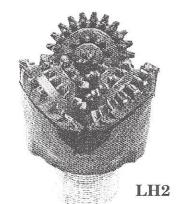
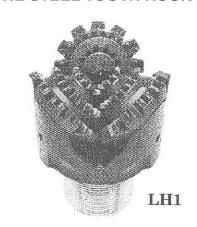
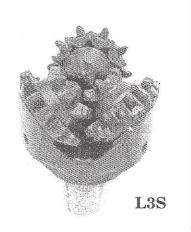


Varel Rock Bits

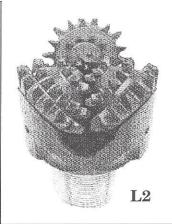
3-CONE STEEL TOOTH ROCK BITS

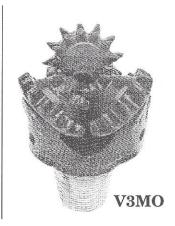




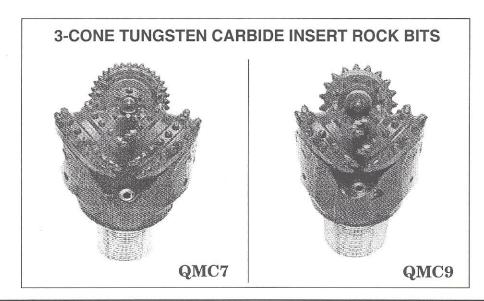


NEW
BITS
AVAILABLE
1-7/8" — 26"

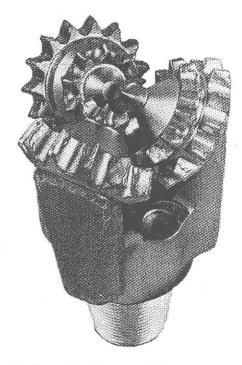




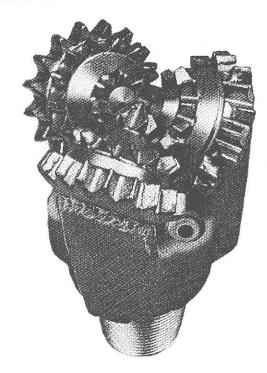
ALSO
TRICONE
RETIP BITS
AVAILABLE
4-7/8" — 26"



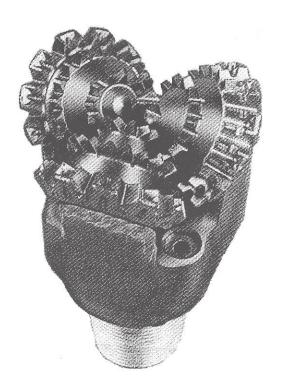
Rotary Drilling Bits RUSSIAN-MADE



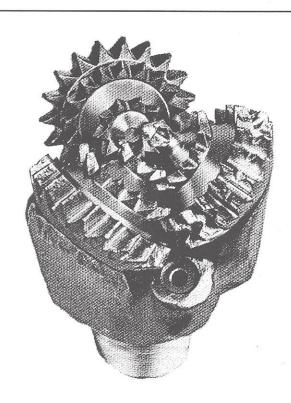
Soft to Medium Soft Formations



Medium Formations



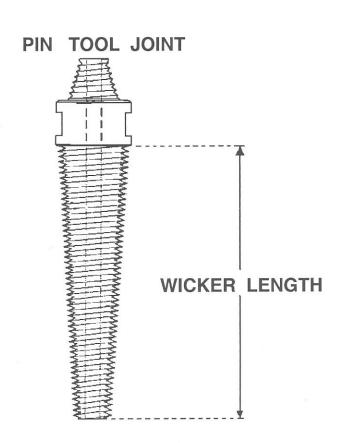
Hard Formations

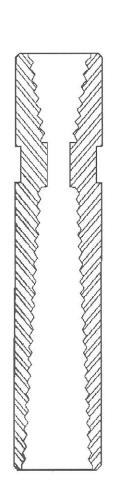


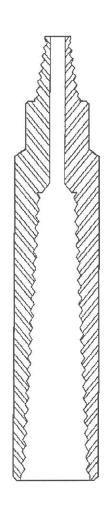
Medium to Medium Hard Formations

TAPER TAPS & OVERSHOTS

(IN STOCK)



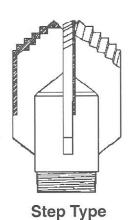


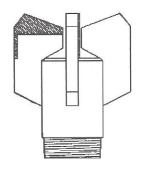


DRAG BITS



CLAW BITS











Replaceable Blade Bits • Series C-600

Blade sizes 3-7/8" (98.4mm) through 6-3/4" (171.4mm) for air, water or mud.

The Series AC-600 bit is designed for heavy weight drilling, usually employing the use of 2-3/8" (60.3mm) or 2-7/8 (73mm) tool joint or heavy-duty drill pipe to drill holes from 4-1/4" (108mm) through 5-5/8" (142.9mm). While drilling through shale and other formations of similar strength with 6" (152.4mm) or larger bits using 3-1/2" (88.9mm) and 4-1/2" (114.3mm) drill pipe, it is recommended that Type SH-800 bits be used. The AC-600 bits in sizes 3-7/8" (98.4mm) through 4-1/8" (104.8mm) are for air drilling only.

BODY PARTS — SERIES AC-600

Number Part Name Lbs. Kg.	Part		Approx. Wt.	
H064		Part Name	Lbs.	Kg.
H064 Bit Shank, 4-Blade 4 1.81 H162 Locking Bowl 3.5 1.59 H164 Extra Heavy-Duty Locking Bowl* 3.8 1.72 H361 3-Blade Reaming Stabilizer (slip-on, friction-held, no threads). Reamers should conform to bit blade size. (Not to be used when using connectors with breakout lugs) 6 2.72 H262-0002 2-7/8" A.P.I Regular Tool Joint Pin Connector with breakout lugs 16 7.26 H261-0015 2-7/8" Failing Exploration Tool Joint Box Connector with breakout lugs 10 4.54 H261-0013 2-7/8" Mayhew Full-Hole Tool Joint Box Connector with breakout lugs 12 5.44 H261-0014 2-3/8" Failing Exploration Tool Joint Box Connector with breakout lugs 9.5 4.31 H261-014 2-3/8" Failing CFD-1- 16" (406.4mm) length Tool Joint Box Connector with breakout lugs 16 7.26 H261-1314 2-3/8" Failing CFD-2 13" (330.2mm) length Tool Joint Box Connector with breakout lugs 15 6.80 H262-0001 2-3/8" A.P.I. Regular Tool Joint Pin Connector with breakout lugs 9.5 4.31 H261-0016 2-3/8" A.P.I. Regular Tool Joint Box Connector with breakout lugs 9.5 4.31	H063	Bit Shank, 3-Blade	4	1.81
H162 Locking Bowl 3.5 1.59 H164 Extra Heavy-Duty Locking Bowl* 3.8 1.72 H361 3-Blade Reaming Stabilizer (slip-on, friction-held, no threads). Reamers should conform to bit blade size. (Not to be used when using connectors with breakout lugs) 6 2.72 H262-0002 2-7/8" A.P.I Regular Tool Joint Pin Connector with breakout lugs 16 7.26 H261-0015 2-7/8" Failing Exploration Tool Joint Box Connector with breakout lugs 10 4.54 H261-0010 2-7/8" Mayhew Full-Hole Tool Joint Box Connector with breakout lugs 12 5.44 H261-0012 2-3/8" Mayhew Regular Tool Joint Box Connector with breakout lugs 9.5 4.31 H261-0014 2-3/8" Failing Exploration Tool Joint Box Connector with breakout lugs 9.5 4.31 H261-1614 2-3/8" Failing CFD-1 - 16" (406.4mm) length Tool Joint Box Connector with breakout lugs 16 7.26 H261-1314 2-3/8" Failing CFD-2 13" (330.2mm) length Tool Joint Box Connector with breakout lugs 15 6.80 H262-0001 2-3/8" Failing CFD-2 13" (30.2mm) length Tool Joint Pin Connector with breakout lugs 9.5 4.31 H261-0016 2-3/8" A.P.I. Regular Tool Joint Box Connec	H064	Bit Shank, 4-Blade	4	1.81
H164 Extra Heavy-Duty Locking Bowl*	H162	Locking Bowl	3.5	1.59
friction-held, no threads). Reamers should conform to bit blade size. (Not to be used when using connectors with breakout lugs)	H164	Extra Heavy-Duty Locking Bowle	3.8	1.72
Not shown should conform to bit blade size. (Not to be used when using connectors with breakout lugs)	H361	3-Blade Reaming Stabilizer (slip-on,		
(Not to be used when using connectors with breakout lugs)		friction-held, no threads). Reamers		
nectors with breakout lugs	Not shown	should conform to bit blade size.		
H262-0002 2-7/8" A.P.I Regular Tool Joint Pin Connector with breakout lugs		(Not to be used when using con-		
Connector with breakout lugs		nectors with breakout lugs)	6	2.72
H261-0015 2-7/8" Failing Exploration Tool Joint Box Connector with breakout lugs	H262-0002	2-7/8" A.P.I Regular Tool Joint Pin		
Box Connector with breakout lugs	Taxonoga Chora est occupanto	Connector with breakout lugs	16	7.26
Box Connector with breakout lugs	H261-0015	2-7/8" Failing Exploration Tool Joint		
Connector with breakout lugs			10	4.54
H261-0012 2-3/8" Mayhew Regular Tool Joint Box Connector with breakout lugs	H261-0013	2-7/8" Mayhew Full-Hole Tool Joint Box		
Connector with breakout lugs		Connector with breakout lugs	12	5.44
Connector with breakout lugs	H261-0012	2-3/8" Mayhew Regular Tool Joint Box		
H261-0014 2-3/8" Failing Exploration Tool Joint Box Connector with breakout lugs 9.5 4.31 H261-1614 2-3/8" Failing CFD-1- 16" (406.4mm) length Tool Joint Box Connector with breakout lugs			9.5	4.31
H261-1614 2-3/8" Failing CFD-1- 16" (406.4mm) length Tool Joint Box Connector with breakout lugs	H261-0014	2-3/8" Failing Exploration Tool Joint		
length Tool Joint Box Connector with breakout lugs	The Control of the Co		9.5	4.31
with breakout lugs	H261-1614	2-3/8" Failing CFD-1- 16" (406.4mm)		
H261-1314 2-3/8" Failing CFD-2 13" (330.2mm) length Tool Joint Box Connector with breakout lugs		length Tool Joint Box Connector		
H261-1314 2-3/8" Failing CFD-2 13" (330.2mm) length Tool Joint Box Connector with breakout lugs		with breakout lugs	16	7.26
with breakout lugs	H261-1314			
H262-0001 2-3/8" A.P.I. Regular Tool Joint Pin Connector with breakout lugs		length Tool Joint Box Connector		
H262-0001 2-3/8" A.P.I. Regular Tool Joint Pin Connector with breakout lugs		with breakout lugs	15	6.80
H261-0016 2-3/8" Hughes Acme Tool Joint Box Connector with breakout lugs	H262-0001			
Connector with breakout lugs		Connector with breakout lugs	9.5	4.31
H261-0006 2-3/8" A.P.I. Internal Flush Tool Joint Box Connector with breakout lugs 10 4.54 H261-0011 Mayhew Junior Tool Joint Box	H261-0016	2-3/8" Hughes Acme Tool Joint Box		
Box Connector with breakout lugs 10 4.54 H261-0011 Mayhew Junior Tool Joint Box		Connector with breakout lugs	9.5	4.31
H261-0011 Mayhew Junior Tool Joint Box	H261-0006			
		Box Connector with breakout lugs	10	4.54
	H261-0011	Mayhew Junior Tool Joint Box		
Connector with breakout lugs 6.5 2.95		Connector with breakout lugs	6.5	2.95
H263-0045 3-Thread N-Rod Box Connector	H263-0045			
(without lugs)		(without lugs)	6	2.72
H263-0039 4-Thread N-Rod Box Connector	H263-0039	4-Thread N-Rod Box Connector		
(without lugs)		(without lugs)	6	2.72

Connector (See Note)

^{*}Use only with heavy-duty 4-Blade Insert Blades