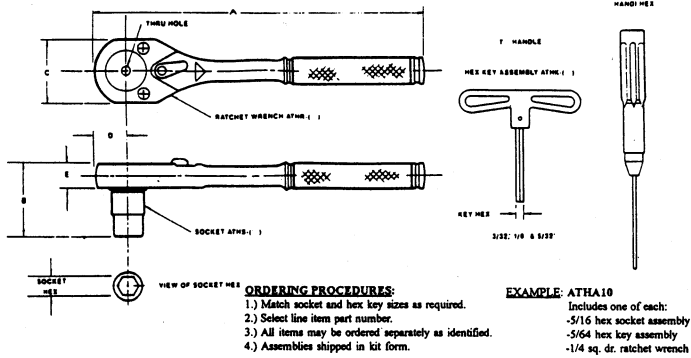


HI-LOK/HI-LITE TYPE HAND TOOLS

REVERSIBLE RATCHET WRENCH ASSEMBLY ATHA



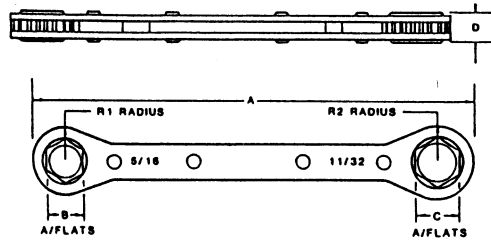
ORDERING PROCEDURES:

- 1.) Match socket and hex key sizes as required.
- 2.) Select line item part number.
- 3.) All items may be ordered separately as identified.
- 4.) Assemblies shipped in kit form.

EXAMPLE: ATHA10

- Includes one of each:
 -5/16 hex socket assembly
 -5/64 hex key assembly
 -1/4 sq. dr. ratchet wrench

BOX RATCHET WRENCH, STRAIGHT ATBR ()



Part Number To Order	B Hex	C Hex	D Thickness	A Length	R1 Radius	R2 Radius
ATBR-2125	7/32	1/4	3/8	4 1/4	19/64	21/64
ATBR-2528	1/4	9/32	3/8	4 1/4	19/64	21/64
ATBR-3134	5/16	11/32	3/8	4 1/4	19/64	21/64
ATBR-3137	5/16	3/8	3/8	5 1/2	25/64	29/64
ARBR-4350	7/16	1/2	3/8	5 1/2	25/64	29/64

APPLICATION:

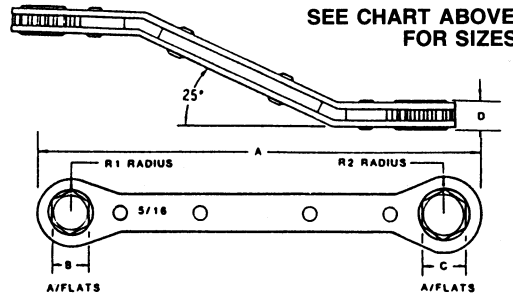
Box ratchet for installing frangible collars in interference and non-interference fit pin conditions.

ORDER BY WRENCH ASSEMBLY PART NUMBER

EXAMPLE: ATBR-3134

(References a box ratchet with 5/16 and 11/32 opposing hex sockets.)

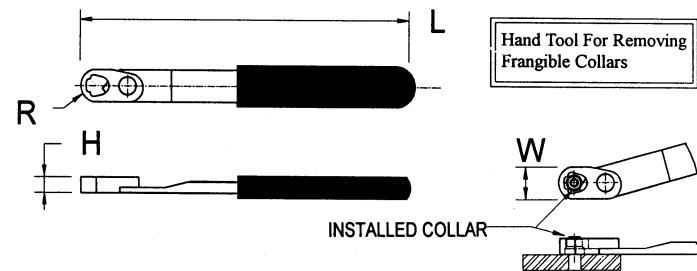
BOX RATCHET WRENCH, 25° OFFSET ATBRO ()



SEE CHART ABOVE FOR SIZES.

SOCKET HEX	KEY HEX	A	B	C	D	E	RATCHET WRENCH PART NO.	SOCKET PART NO.	HEX KEY PART NO.	ASSY PART NUMBER
4.76 3/16								ATHS-187		ATHA1
5.58 7/32								ATHS-218		ATHA2
8.35 1/4	1/16	5"	1 1/4	15/16	7/16	3/8	ATHR-250	ATHS-250		ATHA3
7.14 9/32	1.59	127.00	31.75	23.81	11.11	9.52	1/4 SQ. DR.	ATHS-281	ATHK-062	ATHA4
7.94 5/16								ATHS-312		ATHA5
8.73 11/32								ATHS-343		ATHA6
5.58 7/32								ATHS-218		ATHA7
6.35 1/4								ATHS-250		ATHA8
7.14 9/32		5"	1 1/4	15/16	7/16	3/8	ATHR-250	ATHS-281		ATHA9
7.94 5/16	5/64	127.00	31.75	23.81	11.11	9.52	1/4 SQ. DR.	ATHS-312	ATHK-079	ATHA10
8.73 11/32	1.98							ATHS-343		ATHA11
9.52 3/8		8 7/8	1 1/2	1 1/4	5/8	1/2	ATHR-375	ATHS-375		ATHA12
7.94 5/16		174.6	38.1	31.75	15.87	12.7				
8.73 11/32	3/32	5"	1 1/4	15/16	7/16	3/8	ATHR-250	ATHS-312	ATHK-094	ATHA13
9.51 3/8	2.38	127.00	31.75	23.81	11.11	9.52	1/4 SQ. DR.	ATHS-343		ATHA14
11.11 7/16								ATHS375		ATHA15
9.52 3/8	1/8	8 7/8	1 1/2	1 1/4	5/8	1/2	ATHR-375	ATHS-437	ATHK-125	ATHA16
11.11 7/16	3.17	174.6	38.1	31.75	15.87	12.7	3/8 SQ. DR.	ATHS-375		ATHA17
11.11 7/16	5/32							ATHS-437		ATHA18
12.70 1/2	3.97							ATHS-500	ATHK-156	ATHA19
										ATHA20

COLLAR REMOVAL TOOL REM100



ORDERING PROCEDURE:

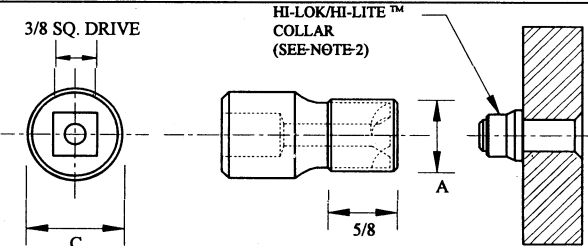
1. Select tool size based upon nominal fastener pin diameter.
2. Select handle configuration and list corresponding suffix: Offset (no letter) or Straight (S).
3. Determine tool head configuration: Open-ended (P) or Crows Foot (CF).
4. Complete part number as shown below:

Example: REM100-8 () ()
 () () — Tool Head Configuration Suffix: P or CF
 — Handle Configuration Suffix: no letter or S
 — Basic Model Number of Tool Assembly

Pin Dia.	Nominal Pin Dia.	Model Number () ()	Dimensions			
			H	R	L	W
-5	5/32	REM100-56	.25	.28	5.6	.42
-6	3/16	REM100-56	.25	.28	5.6	.42
-8	1/4	REM100-8	.31	.35	5.8	.55
-10	5/16	REM100-10	.38	.43	6.9	.67
-12	3/8	REM100-12	.38	.55	7.9	.75
-14	7/16	REM100-14	.50	.61	9.9	.95

REMOVABLE SOCKET FOR FRANGIBLE COLLARS OMAR 100/102

The OMAR100 series tools resemble sockets, and are driven with a standard male square drive by either hand or power tools. The "nose" of the tool has three "teeth" that bite into the outer wall of the collar allowing it to be unscrewed from the pin. Speed is a feature of this tool particularly where interference fit pins are used. The OMAR102 series works in the same manner, but is specifically sized for the Hi-Lite, and Veri-Lite collars.



ADAPTS TO REVERSIBLE POWER OR HAND RATCHET FOR REMOVAL OF INSTALLED FRANGIBLE HI-LOK/HI-LITE OR SIMILAR COLLARS ON INTERFERENCE FIT PINS.

Nominal Pin Diameter	HI-LOK Collar Removal Part Number	HI-LITE Collar Removal Part Number	A Dia.	C Dia.
-5	OMAR100-5	OMAR102-5	5/8	11/16
-6	OMAR100-6	OMAR102-6	5/8	11/16
-8	OMAR100-8	OMAR102-8	13/16	3/4
-10	OMAR100-10	OMAR102-10	3/4	3/4
-12	OMAR100-12	OMAR102-12	7/8	7/8

NOTE 1: SLEEVELESS

NOTE 2: REMOVES SIMILAR TYPE COLLARS

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