

WHITMAN & BARNES MFG. CO., New York, NY

Formed in 1877 by the merger of GEORGE BARNES & CO., Syracuse, NY, and the WHITMAN & MILES CO., Fitchburg, MA, both makers of machine knives. George Barnes (1827-1892) was elected president serving until his death in 1892. Barnes son, George A. Barnes (1857-1911) joined the company and was secretary when he died in 1911. Arthur L. Conger (1838-1899) of WHITMAN & MILES, was elected vice president at the 1877 merger and president in 1892, serving until his death in 1899.

In 1893, the line of ACME monkey wrenches and combination wrenches was purchased from the CAPITOL MFG. CO. Whitman & Barnes built a new factory in West Pullman, IL, to make wrenches only. This appears to be the beginning of the company's wrench business. Note that the logo found on Whitman & Barnes wrenches is clearly based on the CAPITOL MFG. CO. wrench logo.

The IDEAL screw wrench (Schulz #444) "adapted for carriage makers, blacksmiths, and general farm use," was offered in 1894, along with the CAPITAL double speed wrench (Schulz #809).

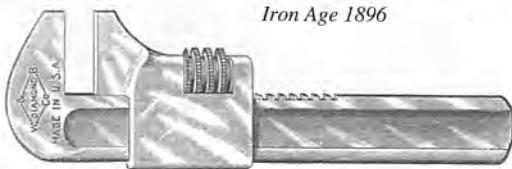
Whitman & Barnes introduced the IMPROVED, 4" bicycle wrench in 1894, the 5" DIAMOND wrench in 1896, and a knife handle pipe wrench patented April 19, 1898, by Henry J. Martin in 1898. Also introduced, in 1901, the BULL TERRIER adjustable alligator wrench, patented March 26, 1901, by Henry J. Martin, a combination nut and pipe wrench in 1902, and an AUTO wrench in 1906.

By 1912, the company was offering a variety of BULLDOG alligator wrenches identical to the line previously made by the AMERICAN SAW CO., the ALWAYS READY twin alligator wrench previously made by the PORTLAND WRENCH CO., and the BULL TERRIER twin alligator wrench. About 1920 the monkey wrench lines were taken over by J.H. WILLIAMS & CO., which sold them under the W & B name. *(Illustrations continued on next four pages)*



Iron Age 1894

Improved Bicycle Wrench.



Iron Age 1896

Diamond Bicycle Wrench.

"W. & B." MACHINISTS' KNIFE HANDLE WRENCHES.



Size in Inches.	Price per Dozen.	Size in Inches.	Price per Dozen
6	\$ 9 00	15	\$24 00
8	10 00	18	30 00
10	12 00	21	36 00
12	14 00		

This wrench has the head and bar drop forged in one piece from selected steel. The jaws are case hardened and the entire wrench is ground, polished and highly finished. Every wrench warranted

"RAILROAD SPECIAL" WRENCHES.



Size in Inches.	Price per Dozen.	Size in Inches.	Price per Dozen
6	\$ 9 00	15	\$24 00
8	10 00	18	30 00
10	12 00	21	36 00
12	14 00		

This wrench is of the same construction and finish as our "W. & B." Machinists' Knife Handle Wrench, except it is fitted with our indestructible iron handle.

"W. & B." REGULAR WRENCHES.



Size in Inches.	Price per Dozen.	Size in Inches.	Price per Dozen.
6	\$10 00	12	\$17 00
8	12 00	15	24 00
10	14 00		

These Wrenches have extra heavy wrought bar and head, drop forged in one piece; deep milled screw thread; opens full. Every wrench fully warranted.

"W. & B." COMBINATION WRENCHES.



BRIGHT FINISH.

Size in Inches.	Adjustment Limits.	Price per Doz.
10	Wire or pipe from $\frac{1}{4}$ to 1 inch, outside diameter	\$23 00
12	Wire or pipe from $\frac{1}{4}$ to $1\frac{1}{2}$ inch, outside diameter	26 00
15	Wire or pipe from $\frac{1}{4}$ to 2 $\frac{1}{4}$ inch, outside diameter	37 00
18	Wire or pipe from $\frac{1}{4}$ to 3 inch, outside diameter	66 00

This Wrench combines all desirable features of both pipe and nut wrenches. Head and bar forged as a unit. It is adapted to a wide range of work. Material, workmanship and finish are of the very best.

IMPROVED "ACME" STEEL WRENCHES. BRIGHT FINISH.



Size in Inches.	Price per Dozen.	Size in Inches.	Price per Dozen.
6	\$10 00	12	\$17 00
8	12 00	15	24 00
10	14 00		

Made in four parts and of a high grade of steel. Warranted not to break, bend or spring with ordinary use.

ALL STEEL "HERCULES" WRENCHES. BRIGHT FINISH.



Size in Inches.	Price per Dozen.	Size in Inches.	Price per Dozen.
6	\$10 00	12	\$17 00
8	12 00	15	24 00
10	14 00		