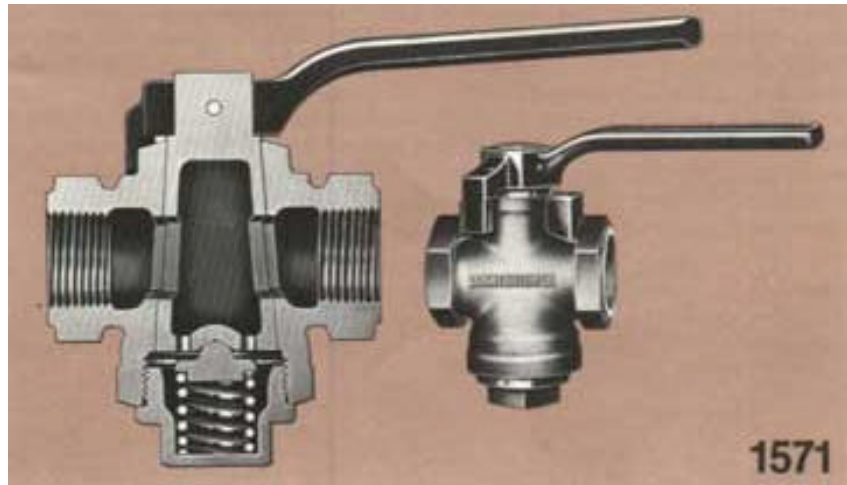## 150 lb WOG

Figure 1571 is designed to effe-ciently shut off compressed air and minimize costly leakage. (See chart below.) A proper bearing bet-ween the plug and the body is automatically maintained by a self-adjusting spring of austenitic stainless steel and by line pres-sure acting on the enlarged end of the plug.

Levers: Malleable iron. Line with pipe in open position. Stop lugs on the body act as positive open and closed stops.

Bodies: ASTM B62 type T-1 com-position bronze.

Plugs: H-1 high-leaded bronze alloy, for extra resistance to wear.

Installation note: If male ends are desired, insert extra-strong pipe nipples in the pipe ends.

1571

Cost of Air Leakage

AREA OF LEAK		AIR
Diameter Inches	Number of cubic feet per month at 75 psi pressure	Total cost of waste per month at 31c per 1000 cubic feet
½	13,468,000	$4,175.00
$^3/_8$	7,558,500	2,342.98
¼	3,366,990	1,043.46
$^1/_8$	824,570	255.44
$^1/_{16}$	213,000	66.05
$^1/_{32}$	52,910	16.12

Dimensions in inches/Weights in pounds

Size	¼	$^3/_8$	½	¾	1	1¼	1½	2
End to End	$2\,^3/_{16}$	$2\,^3/_8$	$2\,^{11}/_{16}$	$2\,^7/_8$	3¼	$4\,^1/_{16}$	$4\,^9/_{16}$	$5\,^3/_8$
Control of Key to End of Lever	3 ½	3 ½	4	4 ¾	5 ½	6 ¼	7	11
Fig 1571, Wts	1.0	1.0	1.4	2.3	3.4	5.7	8.1	16.0

1181

Fig 1181 cock levers Used to open or close square-headed plug cocks. To order the correct lever for a certain pattern and size of cock, refer to the table and des-cription pertaining to that cock.

Lunkenheimer cock levers are made of malleable iron.

Cock levers
Dimensions in inches/Weights in pounds

Size Number	1	2	3	4	5	6	7	8
Cross Flats of Hole in Lever	$^5/_{16}$	$^3/_8$	½	$^{19}/_{32}$	$^{21}/_{32}$	$^{25}/_{32}$	$^{29}/_{32}$	$1\,^3/_{32}$
Central of Hole to End of Lever	$2^5/_8$	$3^3/_{16}$	3 ¾	$4^{11}/_{16}$	$5^5/_8$	$6^5/_8$	7 ½	$8^9/_{16}$
Fig 1181, Wts	0.1	0.1	0.2	0.2	0.4	0.5	0.7	1.0