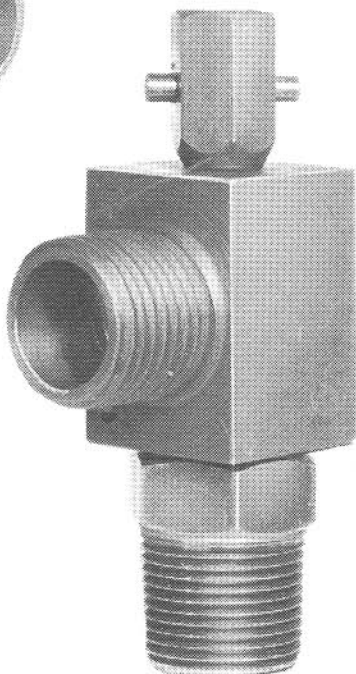
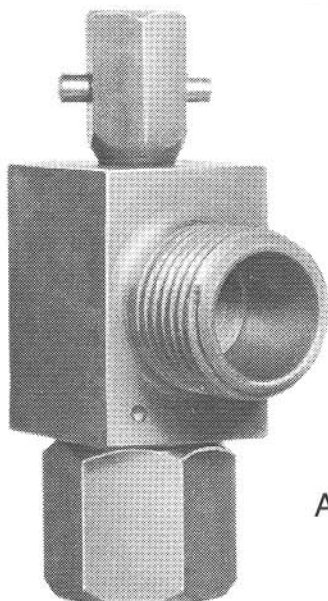


A1N-4



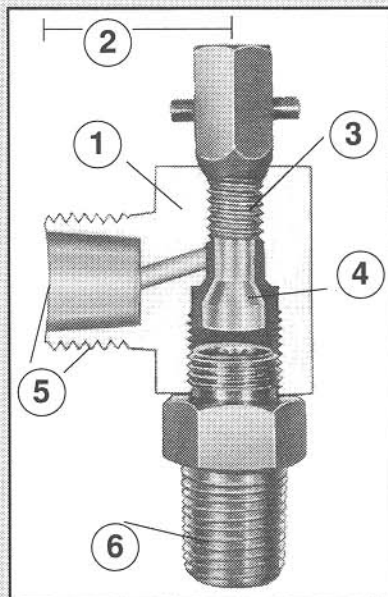
A1N-1  
A1N-3



A1N-2

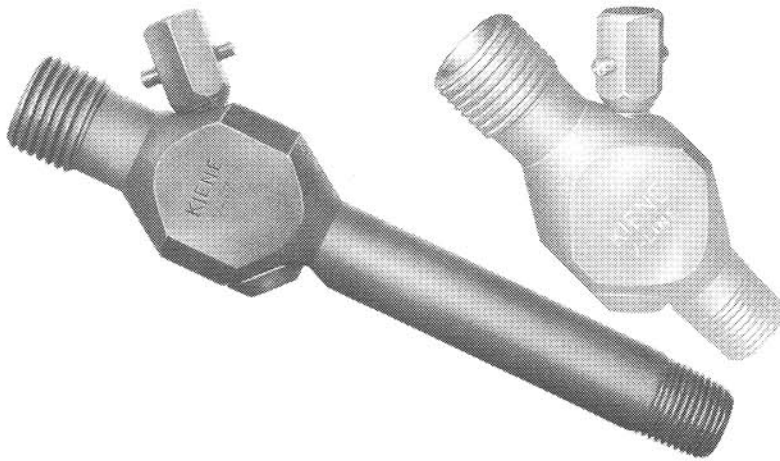
### DESIGN FEATURES

- 1. ANGLE DESIGN:**  
Indicator connection offset 90° to engine thread. Used where engine components interfere with indicator installation.
- 2. INSTALLATION:**  
Turn radius (installation clearance) 1-5/8".
- 3. FAST ACTION:**  
Full open to close, 1-1/4 turns of valve stem.
- 4. OPERATION:**  
Valve "opens against and closes with" engine pressure. Eliminates valve opening while engine is in operation.
- 5. INDICATOR CONNECTION:**  
Standard 1-1/16-10 Whitworth, 7° socket. Accepts all common analyzers, pressure indicators, and card drawing indicators.
- 6. ENGINE THREAD:**  
Available in four sizes, see below.



### ORDERING INFORMATION

- MODEL A1N-1**  
1/2" NPT engine thread, 90° angle, standard indicator connection, 1-5/8" turn radius, 4-3/8" long.
- MODEL A1N-2**  
1/2" NPT (female) engine thread, 90° angle, standard indicator connection, 1-5/8" turn radius, 3-7/8" long.
- MODEL A1N-3**  
3/4" NPT engine thread, 90° angle, standard indicator connection, 1-5/8" turn radius, 4-3/8" long.
- MODEL A1N-4**  
7/8-9 NC engine thread, 90° angle, standard indicator connection, union type 0" turn radius, 6-1/2" long.

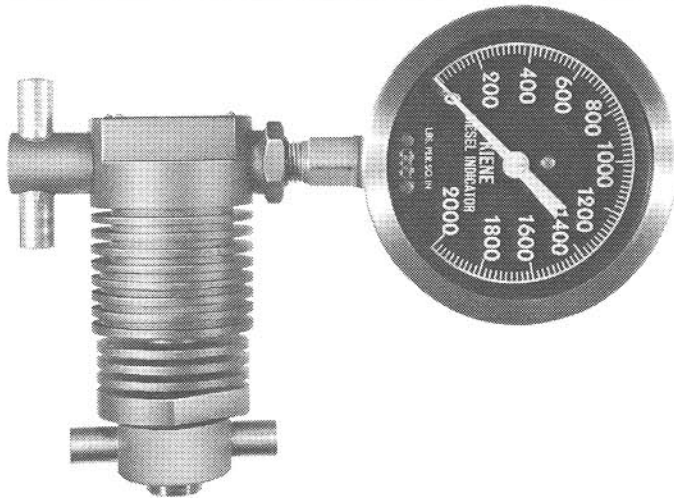
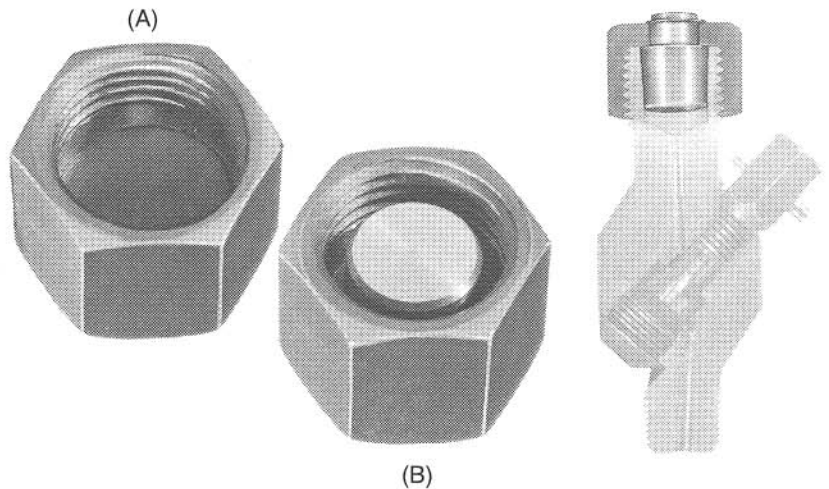


## INDICATOR VALVES V-LINE

The industry standard—specified by more engine builders and major engine operators than any other valve on the market. Features include small turn radius, Kiene design concept of “opening against and closing with” engine pressure, and standard indicator connection. Available in a variety of engine thread sizes, with or without integral extension. For complete details ask for Leaflets 150 and 152.

## VALVE CAPS:

Available in two styles: (A) PRO-TEK-TOR the economical cap which provides indicator thread and socket protection and (B) POS-I-SEAL insures not only thread protection but seals indicator socket with 7° plug, Leaflet 200.



## MAXIMUM FIRING AND COMPRESSION INDICATOR:

Based on “trapped pressure” principle, indicator is available in a variety of pressure ranges suitable for gas or diesel engines. Simple to use, easy to read and above all the most economical indicator available today. Ask for Leaflet 100 and specify application, gas or diesel.