

▼ Shown from left to right: GA3, V91, GA1, GA2, GA4, NV251, GA918



## GA, NV, V Series

Maximum Operating Pressure:

**700 bar**

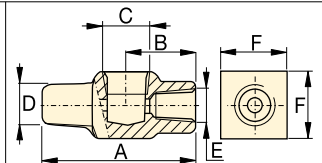
▼ A gauge is easily installed into your hydraulic system using a gauge adaptor.



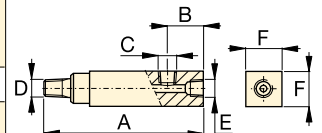
### Gauge Adaptors (GA-Series)

- For easy mounting of a pressure gauge onto your system
- Male end screws into pump or cylinder port, female end accepts hose or coupler, 3<sup>rd</sup> port is for gauge connection
- GA918 provides for swivel connection.

| Model Number | Gauge Port<br>(NPTF) | Male End<br>(NPTF) | Female End<br>(NPTF) | Dimensions (mm) |    |           |           |           |    |
|--------------|----------------------|--------------------|----------------------|-----------------|----|-----------|-----------|-----------|----|
|              |                      |                    |                      | A               | B  | C         | D         | E         | F  |
| GA1          | 1/2"                 | 3/8"               | 3/8"                 | 71              | 31 | 1/2" NPTF | 3/8" NPTF | 3/8" NPTF | 32 |
| GA2          | 1/2"                 | 3/8"               |                      | 155             | 35 | 1/2" NPTF | 3/8" NPTF | 3/8" NPTF | 32 |
| GA3          | 1/4"                 | 3/8"               |                      | 133             | 35 | 1/4" NPTF | 3/8" NPTF | 3/8" NPTF | 32 |
| GA4          | 1/2"                 | 1/4"               |                      | 111             | 35 | 1/2" NPTF | 1/4" NPTF | 3/8" NPTF | 32 |



GA1



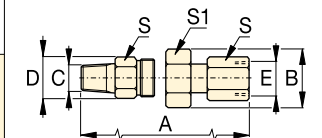
GA2, GA3, GA4



### Swivel Adaptor (GA918)

- Simplifies gauge installation and reading.

| Model Number | Dimensions (mm) |    |           |      |           |    |    |
|--------------|-----------------|----|-----------|------|-----------|----|----|
|              | A               | B  | C         | D    | E         | S  | S1 |
| GA918        | 117             | 43 | 1/2" NPTF | 28,5 | 1/2" NPTF | 29 | 38 |



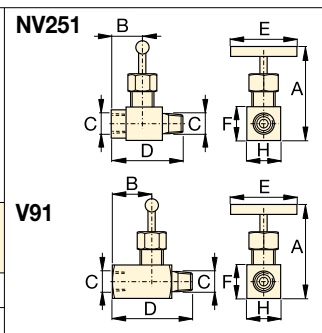
GA918



### Needle Valves (V- and NV-Series)

- Both NV251 and V91 provide positive shut-off
- 316 stainless steel stem, 24 threads/in (NV251).

| Model Number | Orifice<br>(mm) | Thread Size | Dimensions (mm) |    |           |    |    |    |    |
|--------------|-----------------|-------------|-----------------|----|-----------|----|----|----|----|
|              |                 |             | A               | B  | C         | D  | E  | F  | H  |
| NV251        | 4,3             | 1/4" NPTF   | 57              | 29 | 1/4" NPTF | 57 | 46 | 19 | 19 |
| V91          | 4,8             | 1/2" NPTF   | 89              | 32 | 1/2" NPTF | 64 | 32 | 37 | 37 |



V91