

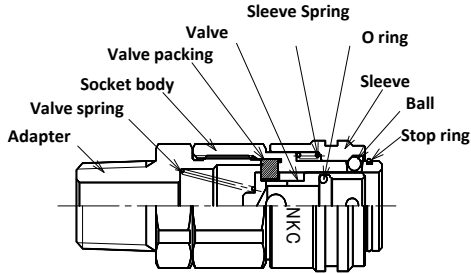
# AC

## Series

for low pressure  
simple and secure  
push-to-connect type  
Single valve type

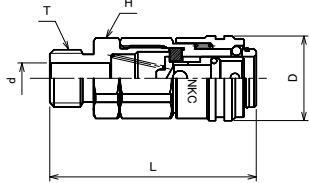
## Features

- Space saving design for hand air tools.
- Just push the plug into the socket for simple and secure connection
- Various size and end configuration to suit a wide application.
- Available only with steel body. Not suitable for water



| Model                         | AC-01                | AC-02 |
|-------------------------------|----------------------|-------|
| Thread size                   | 1/8                  | 1/4   |
| Material of socket/ plug body | Steel (SUM24L)       |       |
| Working pressure(MPa)         | 1.0                  |       |
| Pressure resistance(MPa)      | 1.5                  |       |
| Seal material                 | Nitrile Rubber (NBR) |       |
| Working temperature range     | -20°C~80°C           |       |
| Applicable fluid              | Air                  |       |

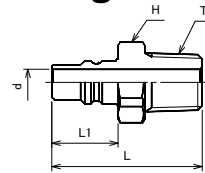
## AC Series Socket



**Model SM**  
(Male thread)

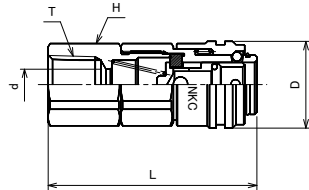
| Model    | Thread Size | Dimension (mm) |    |    |       |      | Mass (g) |
|----------|-------------|----------------|----|----|-------|------|----------|
|          |             | φD             | φd | L  | H HEX | T    |          |
| AC-02SM  | Rc1/4       | 19.5           | 7  | 50 | 17    | R1/4 | 57       |
| AC-02SMF | G1/4        | 19.5           | 7  | 47 | 17    | G1/4 | 57       |

## AC Series Plug



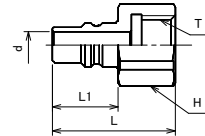
**Model PM**  
(Male thread)

| Model   | Thread Size | Dimension (mm) |    |    |       |      | Mass (g) |
|---------|-------------|----------------|----|----|-------|------|----------|
|         |             | φd             | L  | L1 | H HEX | T    |          |
| AC-01PM | Rc1/8       | 6              | 31 | 15 | 12    | R1/8 | 12       |
| AC-02PM | Rc1/4       | 6              | 34 | 15 | 17    | R1/4 | 22.5     |



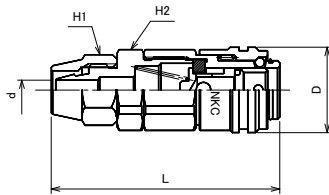
**Model SF**  
(Female thread)

| Model   | Thread Size | Dimension (mm) |    |      |       |       | Mass (g) |
|---------|-------------|----------------|----|------|-------|-------|----------|
|         |             | φD             | φd | L    | H HEX | T     |          |
| AC-02SF | R1/4        | 19.5           | 7  | 47.5 | 17    | Rc1/4 | 56       |



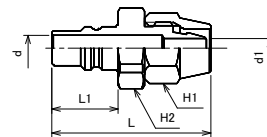
**Model PF**  
(Female thread)

| Model    | Thread Size | Dimension (mm) |    |    |       |      | Mass (g) |
|----------|-------------|----------------|----|----|-------|------|----------|
|          |             | φd             | L  | L1 | H HEX | T    |          |
| AC-02PFF | G1/4        | 6              | 28 | 15 | 17    | G1/4 | 17.5     |



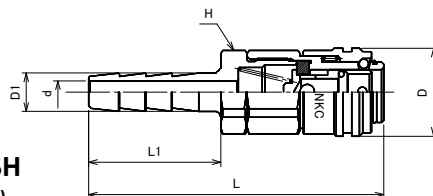
**Model SN**  
(Urethane Hose)

| Model   | Hose Size | Dimension (mm) |    |      |       |        | Mass (g) |
|---------|-----------|----------------|----|------|-------|--------|----------|
|         |           | φD             | φd | L    | H1Hex | H2 Hex |          |
| AC-01SN | 5x8       | 19.5           | 7  | 47.5 | 12    | 17     | 30       |
| AC-02SN | 6.5X10    | 19.5           | 7  | 47.5 | 17    | 17     | 50       |



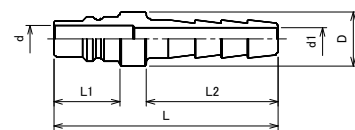
**Model PN**  
(Urethane Hose)

| Model   | Hose Size | Dimension (mm) |    |    |        |        | Mass (g) |
|---------|-----------|----------------|----|----|--------|--------|----------|
|         |           | φd             | L  | L1 | H1 HEX | H2 HEX |          |
| AC-01PN | 5x8       | 6              | 36 | 15 | 12     | 17     | 25       |
| AC-02PN | 6.5X10    | 6              | 38 | 15 | 17     | 17     | 27.5     |



**Model SH**  
(Hose Nipple)

| Model   | Hose Size | Dimensions (mm) |     |    |    |    | Mass (g) |
|---------|-----------|-----------------|-----|----|----|----|----------|
|         |           | φD              | φD1 | φd | L  | L1 |          |
| AC-02SH | 1/4"      | 19.5            | 8.5 | 5  | 67 | 30 | 56       |



**Model PH**  
(Hose Nipple)

| Model   | Hose Size | Dimensions (mm) |     |    |    |    | Mass (g) |
|---------|-----------|-----------------|-----|----|----|----|----------|
|         |           | φd              | φd1 | φD | L  | L1 |          |
| AC-02PH | 1/4"      | 6               | 5   | 12 | 51 | 15 | 16       |

※Specifications are subjects to change without notice.