

# P-SERIES SUPER 300 TYPE PILLAR FITTING SLEEVE INSERTION TOOLS

## Hand Held Insertion Tools (For Field Service Application)

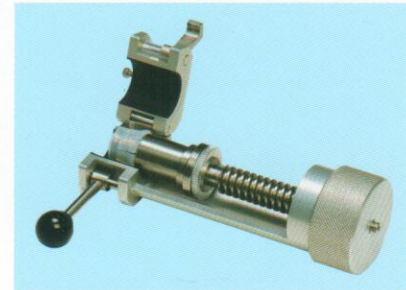
JT-SA-KA								
	Tube size (O.D.)	Tube holder	Sleeve holder	Attachment	US KIT1*	US KIT2*	US KIT3*	
US	1/8 inch	J-TH-SAW1-KA	P-SH-SBKW1-17974	SA-SB-AT	•	•		
	1/4	J-TH-SAW2-KA	P-SHP-SBK6 (W2)	↓	•	•		
	3/8	J-TH-AW3	P-SHP-SBKW3		•	•		
	1/2	J-TH-AW4	P-SHP-SBKW4		•	•		
	3/4	J-TH-A19 (W6)	P-SHP-SAK19 (W6)		-	•	•	
	1	*	P-SHP-SAK25 (W8)		-		•	
Metric	3 mm	J-TH-SA3-KA	P-SH-SBK3	SA-SB-AT			•	
	4	J-TH-SA4-KA	P-SH-SBK4	↓			•	
	6	J-TH-SA6-KA	P-SHP-SBK6 (W2)		•	•		
	8	J-TH-SA8-KA	P-SHP-SBK8		•	•		
	10	J-TH-A10	P-SHP-SBK10		•	•		
	12	J-TH-A12	P-SHP-SBK12		•	•		
	19	J-TH-A19 (W6)	P-SHP-SAK19 (W6)		-		•	
	25	*	P-SHP-SAK25 (W8)		-		•	
Toolbox	Black*						•	
	Blue*				•	•		

When ordering, please specify tool as:  
**JT-SA-KA-USKIT1\***,  
**JT-SA-KA-USKIT2\***, or  
**JT-SA-KA-USKIT3\***.

Included for all JT-SA-KA US KITS are tool body JT-SA-KA, attachment SA-SB-AT, hex wrench 2.5 mm., all necessary tube holders (J-TH-xxx), and all necessary sleeve holders (P-SH-xxx).

**Note:** The sizes 3mm, 4mm and 1/8 inch do not have wrenches. They must be tightened by hand.

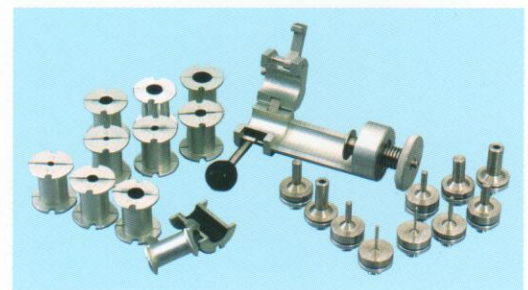
	Tube size	Part numbers	USKIT1*	USKIT2*	USKIT3*
Wrench	1/4 inch (6 mm)	J-SN-6 (W2)	•	•	•
	3/8 (10 mm)	J-SN-10 (W3)	•	•	•
	1/2 (12 mm)	J-SN-12 (W4)	•	•	•
	3/4 (19 mm)	J-SN-19 (W6)	•	•	•
	1 (25 mm)	J-SN-25 (W8)		•	•
	8 mm	J-SN-8			•



**JT-SA-KA Body size: (INCH)** 8.66 x 2.09 x 2.95  
**(mm)** 220 X 53 X 75  
**Body weight: lb (kg)** 1.54 (0.70)

JT-SB-SET-P-US SET				
	Tube size	Tube Holder	Sleeve Holder	SET-P-INCH*
US	1/8 inch	J-TH-SBW1	P-SH-SBKW1-17974	•
	1/4	J-TH-SBW2	P-SH-SBK6 (W2)	•
	3/8	J-TH-SBW3	P-SHP-SBKW3	•
	3/8	J-TH-SBW3	P-SHP-SBKW3Y	
	1/2	J-TH-SBW4	P-SH-SBKW4	•
Metric	3 mm	J-TH-SB3	P-SH-SBK3	
	4	J-TH-SB4	P-SH-SBK4	
	6	J-TH-SB6	P-SH-SBKW2Y	
	8	J-TH-SB8	P-SH-SBK8	
	12	J-TH-SB12	P-SHP-SBK12	
Toolbox	Black*			
	Blue*			•

When ordering, please specify  
**JT-SB-SET-P-US SET\***.  
Wrench set is not included.



**Body size: (INCH)** 5.9x1.42 x 2.32  
**(mm)** 151 x 36 x 59  
**Body weight: lb (kg)** 0.46 (0.21)

Hex Wrench 2.5mm is included.

\* Products are exclusively available from NPCA



## Room Temperature Insertion Tools

	JT-A4				JT-C3			
	Tube size (O.D)	Tube Holder	Sleeve Holder	US-SET*	Tube Holder (Clamp)	Tube Holder	PW1 KIT	SET P-US
US	1/8 inch	J-TH-AW1*	P-SH-CKW1-18018*	•	J-TH-C1		•	•
	1/4	J-TH-AW2*	P-SHP-CK6 (W2)*	•	J-TH-C2			•
	3/8	J-TH-AW3	P-SHP-AKW3	•	-	J-TH-SBW3		•
	1/2	J-TH-AW4	P-SHP-AKW4	•				
	3/4	J-TH-A19	P-SHP-AK19 (W6)	•				
	1	*	P-SHP-AK25 (W8)	•				
Metric	3 mm	J-TH-A3*	P-SH-CK3*		J-TH-C1			
	4	J-TH-A4*	P-SH-CK4*		J-TH-C1			
	6	J-TH-A6*	P-SHP-CK6 (W2)*		J-TH-C2			
	8	J-TH-A8*	P-SHP-CK8*		J-TH-C2			
	10	J-TH-A10	P-SHP-AK10		-	J-TH-SB10		
	12	J-TH-A12	P-SHP-AK12		-			
	19	J-TH-A19	P-SHP-AK19		-			
	25	*	P-SHP-AK25		-			
Toolbox	Black*			•			•	•
	Blue*							

Sleeve holders are the same for JT-A4 and JT-C3.

When ordering, please write **JT-A4-US-SET\***; **JT-A4-SUPER-METRIC-SET\*** is also available.

Wrench set (J-SN-SET) is included.

When ordering, please specify by writing **JT-C3- PW 1 KIT\*** or **JT-C3-SET-P-US\***.

\*In PW1 KIT, the following are included for 1/8 inch: Sleeve P-S-W1B and union nut P-UN-W1B. Wrench set is not included.

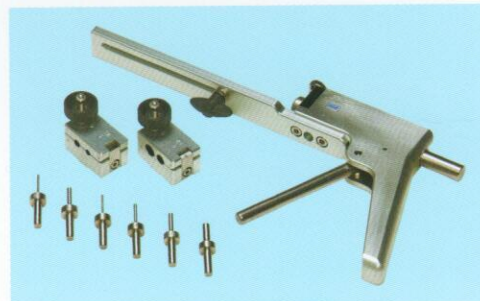
### OPTIONS FOR JT-C3

	Tube Clamp	Tube Holder	Sleeve Holder
3/8"	J-TH-C	J-TH-SBW3	P-SHP-AKW3
10 mm	J-TH-C	J-TH-SB10	P-SHP-AK10

## Special Sleeve Holder For Making Short Pieces

Tube size (O.D)	JT-A4	JT-C3
1/8 inch		P-SH-CKW1-18018
1/4		P-SH-C6S2
3/8	P-SH-AW3S2	P-SH-CW3C2
1/2	P-SH-AW4S2	
3/4	P-SH-A19S2	
1	P-SH-A25S2	
3 mm		P-SH-CK3
4		P-SH-CK4
6		P-SH-C6S2
8		P-SH-C8S2
10	P-SH-A10S2	P-SH-C10S2
12	P-SH-A12S2	
19	P-SH-A19S2	
25	P-SH-A25S2	

### JT-C3 For 1/8"~3/8" and 3mm~8mm



Body size: (INCH) 11.65 x 1.06 x 5.94  
(mm) 296 x 27 x 151

Body weight: lb (kg) 1.28 (.58)

### JT-A4 For 1/8"~1" and 3mm~25mm



Body size: (INCH) 14.65 x 2.44 x 4.1 (Max 14.6)  
(mm) 372 x 62 x 104 (Max 371)

Body weight: lb (kg) 5.5 (2.5)

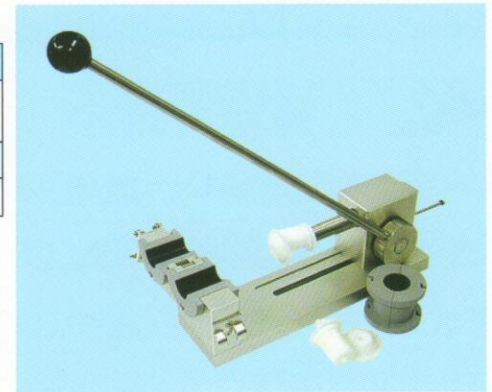


## Large Size Tools

PT-E1 (Tool Body P/N)					
Tube size	Sleeve Holder	Tube Holder	Short Piece Sleeve Holder	Wrench	Metal Wrench
1-1/4 inch	P-SH-EKW10	P-TH-EW10	P-SH-EW10S	P-SN-32	P-SN-32GM
1-1/2	P-SH-EKW12	P-TH-EW12	P-SH-EW12S	P-SN-38	P-SN-38GM

\* All PT-E1 tools sold separately – not as a “kit”

\*\*For 1-1/4 inch thick walled tubing, use sleeve holder P-SH-EKW10K



PT-E1

## Heat Flaring Tools

PT-FH					
	Tube Size	Sleeve Holder	Tube Flare	US-SET	METRIC-SET
US	1/8 inch	P-SH-HW1	P-FH-W1	•	
	1/4	P-SH-HW2	P-SH-W2	•	
	3/8	P-SH-HW3	P-FH-W3	•	
	1/2	P-SH-HW4	P-FH-W4	•	
Metric	3/4 (19 mm)	P-SH-H19 (W6)	P-FH-19 (W6)	•	•
	1 (25 mm)	P-SH-H25 (W8)	P-FH-25 (W8)	•	•
	1-1/4”(32mm)	P-SH-HW10	P-FH-HW10		
	1-1/2”(38/40mm)	P-SH-HW12	P-FH-HW12		
	3 mm	P-SH-H3	P-FH-3		•
	4	P-SH-H4	P-FH-4		•
	6	P-SH-H6	P-FH-6		•
	8	P-SH-H8	P-FH-8		•
	10	P-SH-H10	P-FH-10		•
12	P-SH-H12	P-FH-12		•	

When ordering, please specify by writing **PT-FH-US-SET** or **PT-FH-METRIC-SET**.

Both sets include SG-H (grip), SB-H (base) and black toolbox.

Wrench set is not included.

Tools for thick walled tubing are available-  
Please contact your local representative.

### SB-H (base) & Sleeve holders

For 1/8”~1” and 3mm~25mm



**Sleeve holder with Base**  
**Base** (inch) 3.15 x 0.39H  
 (mm) 80 x 10  
**Kit weight:** lb (kg) 1.33 (0.6)

### SG-H (hand grip) & Flares

For 1/8”~1” and 3mm~25mm



**Flaring tool with Grip**  
**Grip** (inch) 1.42 x 3.93H  
 (mm) 36 x 100H  
**Kit weight:** lb (kg) 0.66 (0.3)

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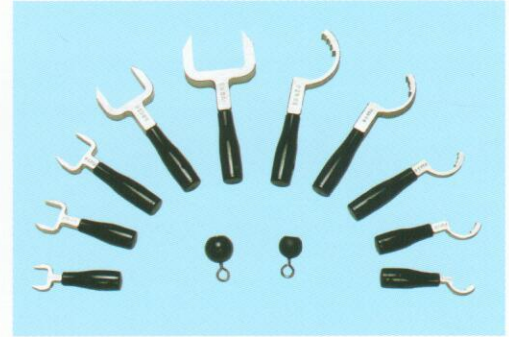


## Tools For Working In Tight Spaces

### WRENCH SETS

Tube size	Wrench for tightening nut	Grip ball	US KIT1	US KIT2
6 mm or 1/4 inch	P-SN-6GM	↓	•	•
10 mm	P-SN-10GM	P-NDM-6	•	•
12 mm	P-SN-12GM	↓	•	•
19 mm or 3/4 inch	P-SN-19GM		•	•
25 mm or 1 inch	P-SN-25GM	P-NDM-12	•	•

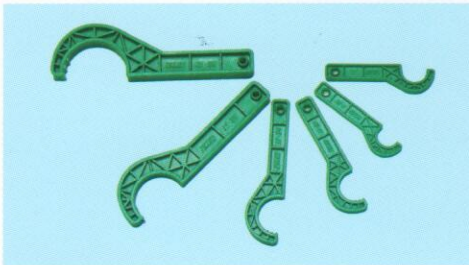
Tube size	Wrench for fixing body	US KIT1	US KIT2
6 mm or 1/4 inch	P-SB-6GM	•	
10 mm	P-SB-10GM	•	
12 mm	P-SB-12GM	•	
19 mm or 3/4 inch	P-SB-19GM	•	
25 mm or 1 inch	P-SB-25GM	•	



**Metal Wrench US KIT 1**



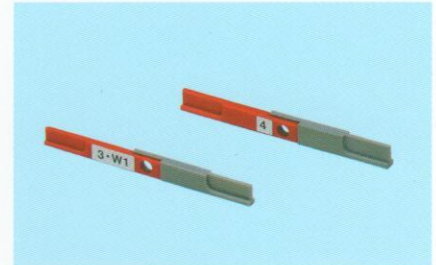
**Metal Wrench US KIT 2**



**WRENCH J-SN-SET**  
For 1/8"~1" and 3mm~25 mm



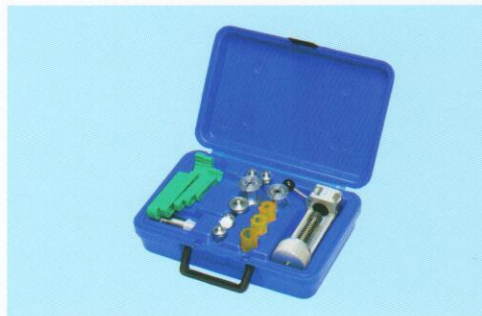
**TUBE CUTTER PTC-1**



**GAP GAUGE**  
SSG-3 For 1/8" and 3mm  
SSG-4 For 4mm



**Toolbox\* for JT-SA-KA**



**JT-SA-KA-USKIT\* in box**



**Toolbox\*-black**

### NIPPON PILLAR CORPORATION OF AMERICA

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- The catalog may change at any time without notice.
- The date on this catalog is solely for your reference and not to be construed as constituting a warranty.
- The numbers on this catalog are for reference purposes only and not to be construed as a guarantee.
- Please refer to the newest version of the instruction manuals [No.203] [No.205] to instructions on using the specialized tools.

\* Products are exclusively available from NPCA

**CAUTION**



Before installation and operation, please follow all the instructions found in the S300 Instruction Manual, Document #203C-1, for your safety.