

CP432 Tube and Pipe Bender

A 90 psi air supply does all the work for bending steel and stainless steel tube and pipe. This bender utilizes a center push bending method which is easy to master. Offered in an all inclusive kit. See Bulletin 4391-CP432 for more information. A separate accessory kit of tooling for bending 10mm through 50mm tube is also available. See page R20 for part number information.

Part Name
CP432 Tube and Pipe Bender Kit..... **Part No.**
CP432
Includes all tooling necessary for bending 1/4" through 2" tube and 1/2 through 2" pipe.



Fig. R39 — CP432 Bender Kit

REPLACEMENT COMPONENTS

Part Name
Air/Hydraulic Pump..... **Part No.**
PAT-1102N
Hose Assembly..... **975222**
Quick Coupler, Receptacle..... **3050-3**
Quick Coupler, Nipple..... **3010-3**
Hydraulic Cylinder..... **RC-1010**
Radius Blocks..... See below
Slide Blocks..... See below



Fig. R40 — Pump

Radius Blocks for CP432 – Inch Tube Sizes

Tube O.D. (in.)	Bend Radius (in.)	Part No.
1/4	9/16	975179
3/8	1 1/4	975179
1/2	1 1/2	975179
5/8	1 7/8	975180
3/4	2 1/4	975180
1	3	975181
1 1/4	3 3/4	975182
1 1/2	4 1/2	975183
2	8	975184



Fig. R41 — Multi-Size Tube Radius Block

Slide Blocks for CP432 (2 required) – Inch Tube Sizes

Tube O.D. (in.)	Part No.
1/4	975185
3/8	975185
1/2	975185
5/8	975186
3/4	975186
1	975187
1 1/4	975187
1 1/2	975188
2	975188



Fig. R42 — Multi-Size Tube Slide Block

*For inch pipe size radius blocks and slide blocks refer to Table R5 to right.

Pipe Size	Bend Radius	Radius Block Part #	Slide Block Part # (2 req'd.)	Drive Pin
1/2	3-3/16	BZ-12011	BZ-12071	A-12
3/4	5	BZ-12021		
1	5-7/8	BZ-12031		
1-1/4	7-1/4	BZ-12041		
1-1/2	8	BZ-12051		
2	9-1/2	BZ-12061		

Table R5 - Inch Pipe Sizes

Dimensions and pressures for reference only, subject to change.



Radius Blocks for CP432 – Metric Tube Sizes

Tube O.D. (mm)	Bend Radius (mm)	Part No.
10	34	976503-Block
12	34	976503-Block
14	38	976503-Block
15	38	976505
16	38	976505
18	42	976508
20	42	976508
22	89	976510
25	100	976510
30	100	976512
32	100	976515
35	105	976516
38	114	976517
42	128	976518
50	200	976519



Fig. R43 — Typical Radius Block



Fig. R44 — Typical Slide Block

Slide Blocks for CP432 (2 required) – Metric Tube Sizes

Tube O.D. (mm)	Part No.
10	976504
12	976504
14	976504
15	976506
16	976506
18	976509
20	976509
22	976511
25	976511
30	976513
32	976513
35	976520
38	976520
42	976521
50	976521

ACCESSORIES

Part Name	Part No.
Metric Tooling Kit (10-50mm)	CP432-MM TOOL KIT

Dimensions and pressures for reference only, subject to change.

