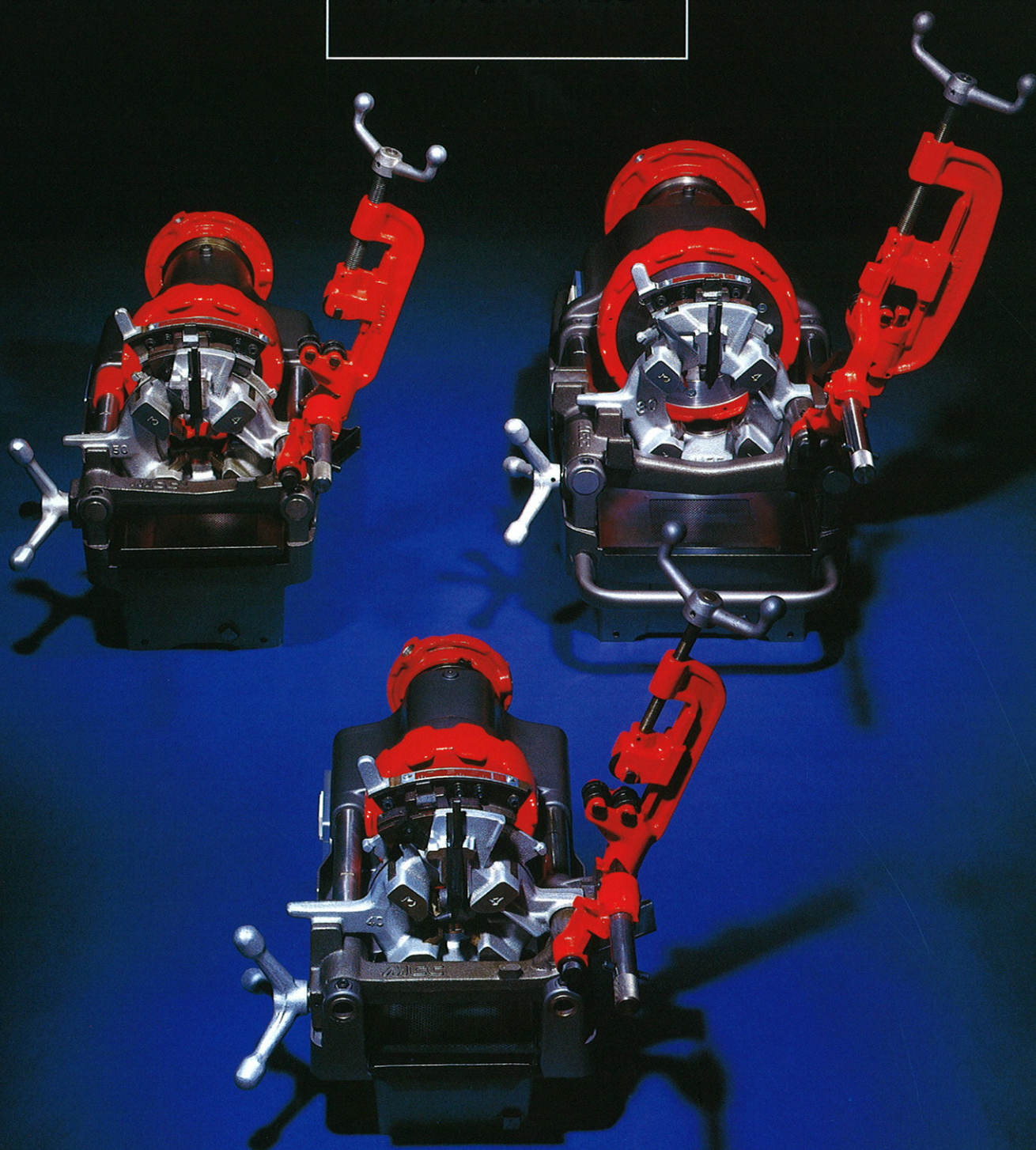


PIPE&BOLT  
THREADING  
MACHINES



**MCC**

CAT.No.2-08



## High-Speed Pipe Cutter

- Quick cutting. Only 10 seconds to cut 60mm stainless steel pipe (EHC-60F).
- Clean cutting of mirror surface and plastic coated pipe with urethane rollers (EHC-60U).
- Free from outside burrs, metal tips and sparks from cutting.
- Vises are unnecessary for chucking pipes.
- Core reamer easily removes inside burrs. (optional accessory)
- Stable cutting for longer pipes with a Pipe Support (optional accessory).
- Cutter wheel tested to 100 cuts for 60mm stainless steel pipe.

### EHC-60F and 60U



EHC-60F



EHC-60U for plastic coated or mirror surface pipe with Pipe Support (optional accessory)

### Specifications

Cutting Capacity	Stainless Steel Pipe for general utility use (JIS G 3488 equivalent)	OD 16mm ~ 60.5mm Max wall thickness 1.5mm
	Copper Pipe for water supply (JWWAH 101, JIS H 3300 equivalent)	OD 16mm ~ 54mm Max wall thickness 1.78mm
	Conduit Pipe without threads (JIS C 8305 equivalent)	OD 19mm ~ 51mm Max wall thickness 1.4mm
	Plastic coated pipe for handrails	OD 16mm ~ 60.5mm Max wall thickness 4.0mm Max metal wall thickness 1.5mm
Motor	Single phase series motor 350W AC240V 50/60Hz	
Measurements	250(L) x 210(W) x 330(H)	
Weight	11.5 kg	

### Optional Accessories

Pipe Support with Aluminum or Urethane rollers : EHCS-60 or EHCS-60U  
Core Reamer set (pre-assembled): EHCR-60ST

# MCC

## Pipe and Bolt Threading Machines

- Automatic oiling directly to the dies and pipe through die head during threading operation.
- Oiling volume easily adjustable by turning pin
- Front chuck with replaceable rocker type jaws
- Automatic switch-off carbon brush to prevent motor burning

### MCC 250



#### Specifications

Capacity : 1/4" to 1" Pipe BSPT  
Motor : Single phase 350W 50/60Hz series motor  
Adaptable to local voltage  
Rotation Speed : High speed 52rpm (60Hz) without load  
Weight : 21kg  
Dimension : 372(L) x 324 (W) x 310 (H)mm  
Unique carrying handle can be used as machine support

#### Standard Accessories

Self-opening Die Head: HAD25 1/2" - 1" BSPT . . . . . 1 set  
Pipe Dies : PT type 1/2" - 3/4" BSPT . . . . . 1 set  
PT type 1" BSPT . . . . . 1 set  
Cutting Oil . . . . . 1 liter  
Machine Cover . . . . . 1 pc  
Hex Key: 3mm, 5mm . . . . . each 1 pc.

#### Optional Accessories

Manual Pipe Die Head : HMD10 1/4" - 3/8" BSPT  
Pipe Dies : PT type 1/4" - 3/8" BSPT  
Pipe Support

### MCC 400



#### Specifications

Capacity : 1/4" - 1.1/2" Pipe BSPT or NPT  
W3/8 - 1.1/4 Bolt, M8 - M30 Bolt  
Motor : Single phase 550W 50/60Hz series motor equipped with  
Break for quick stop  
Adaptable to local voltage  
Rotation Speed : 43 rpm (60Hz) without load  
Weight : 27kg  
Dimension : 533 (L) x 386 (W) x 345 (H) mm

#### Standard Accessories

Manual Pipe Die Head: MDK 1/4" - 2" BSPT or NPT . . . . . 1 set  
Pipe Dies: K type 1/2" - 3/4" BSPT or NPT . . . . . 1 set  
K type 1" - 2" BSPT or NPT . . . . . 1 set  
Cutting Oil : 4 liter can . . . . . 1 pc.  
Spindle Bearing Oil : 60 cc tube . . . . . 1 pc.  
Hex Key : 3, 4, 5, 8 mm . . . . . each 1 pc.  
Crosspoint Screwdriver . . . . . 1 pc.  
Carbon Brush . . . . . 1 set  
Machine Cover . . . . . 1 pc.  
Tool Box . . . . . 1 pc.





## Pipe and Bolt Threading Machines

- Automatic oiling directly to the dies and pipe through die head during threading operation.
- Oiling volume easily adjustable by turning pin
- Front chuck with replaceable rocker type jaws
- Automatic switch-off carbon brush to prevent motor burning

### MCC 500



#### Specifications

Capacity	: 1/4" - 2" Pipe BSPT or NPT W <sup>3/8</sup> - 1.1/4 Bolt, M8 - M30 Bolt C15 - C51 (JIS Conduit), PF1/2 - PF2 (corresponding BSPP)
Motor	: Single phase 750W 50/60Hz series motor equipped with Break for quick stop. Adaptable to local voltage
Rotation Speed	: 35 rpm (60Hz) without load
Weight	: 41kg
Dimension	: 598 (L) x 401 (W) x 390 (H) mm

#### Standard Accessories

Manual Pipe Die Head: MDK	1/4" - 2" BSPT or NPT	1 set
Pipe Dies: K type	1/2" - 3/4" BSPT or NPT	1 set
	K type 1" - 2" BSPT or NPT	1 set
Cutting Oil	: 4 litter can	1 pc.
Spindle Bearing Oil	: 60 cc tube	1 pc.
Hex Key	: 3, 4, 5, 6, 8mm	each 1 pc.
Crosspoint Screwdriver		1 pc.
Carbon Brush		1 set
Machine Cover		1 pc.
Tool Box		1 pc.
Legs		1 set

### MCC 800



#### Specifications

Capacity	: 1/4" - 3" Pipe BSPT or NPT W <sup>3/8</sup> - 1.1/4 Bolt, M8 - M30 Bolt C15 - C75 (JIS Conduit), PF1/2 - PF3 (corresponding BSPP)
Motor	: Single phase 750W 50/60Hz series motor equipped with Break for quick stop. Adaptable to local voltage
Rotation Speed	: 23 rpm (60Hz) without load
Weight	: 63kg
Dimension	: 784 (L) x 452 (W) x 428 (H) mm

#### Standard Accessories

Manual Pipe Die Head: MDK	1/4" - 2" BSPT or NPT	1 set
	MD80 2.1/2" - 3" BSPT or NPT	1 set
Pipe Dies:	K type 1/2" - 3/4" BSPT or NPT	1 set
	K type 1" - 2" BSPT or NPT	1 set
	C1 type 2.1/2" - 3" BSPT or NPT	1 set
Cutting Oil	: 4 litter can	1 pc.
Spindle Bearing Oil	: 60 cc tube	1 pc.
Hex Key	: 3, 4, 5, 6, 8mm each	1 pc.
Crosspoint Screwdriver		1 pc.
Carbon Brush		1 set
Machine Cover		1 pc.
Tool Box		1 pc.
Legs		1 set

## Optional Accessories for Pipe & Bolt Threading Machines (MCC400, 500, 800)

### Self-Opening Die Head

- AD20 1/2" - 3/4" BSPT (Corresponding dies A1 type 1/2" - 3/4")
- AD40 1" - 1 1/2" BSPT (Corresponding dies PT 1" - 1 1/2")
- AD50 1" - 2" BSPT (Corresponding dies K type 1" - 2")
- AD80 2 1/2" - 3" BSPT (Corresponding dies C1 type 2 1/2" - 3")
- AD100 3 1/2" - 4" BSPT (Corresponding dies G type 3 1/2" - 4")

### Bolt Die Head

- BSW W3/8 - W3/4
- BSW W7/8 - W1 1/4
- ISO Metric M8 - M20
- ISO Metric M22 - M30

### Conduit Die Head

- Thin Wall Conduit Pipe Die Head C15 - C75 (JIS)
- Thick Wall Conduit Pipe Die Head PF 1/2 - PF 3 (Corresponding BSPP)
- Thick Wall Conduit Pipe Die Head PF 3 1/2 - PF 4 (Corresponding BSPP)

### Pipe Dies

- K type 1/4" - 3/8" BSPT or NPT
- A1 type 1/2" - 3/4" BSPT
- PT type 1" - 1 1/2" BSPT

### HSS (SKH) Pipe Dies

- HSS dies for BSPT are available in all sizes.
- HSS dies for NPT are available only in 1/2" - 3/4" and 1" - 2" for MDK die head.

### Bolt Dies (BSW)

- W3/8, W1/2, W5/8, W3/4, W7/8, W1, W1 1/4 (right hand or left hand)

### Bolt Dies (ISO metric)

- M8, M10, M12, M14, M16, M18, M20, M22, M24, M30 (right hand or left hand)

### Conduit Pipe Dies

- Thin Wall Conduit Pipe Dies C15, C19-25, C31-51, C63-75
- Thick Wall Conduit Pipe Dies PF1/2 - 3/4, PF1 - 1 1/4, PF1 1/2 - 2, PF2 1/2 - 3, PF3 1/2 - 4

### Nipple Attachment and Adapter

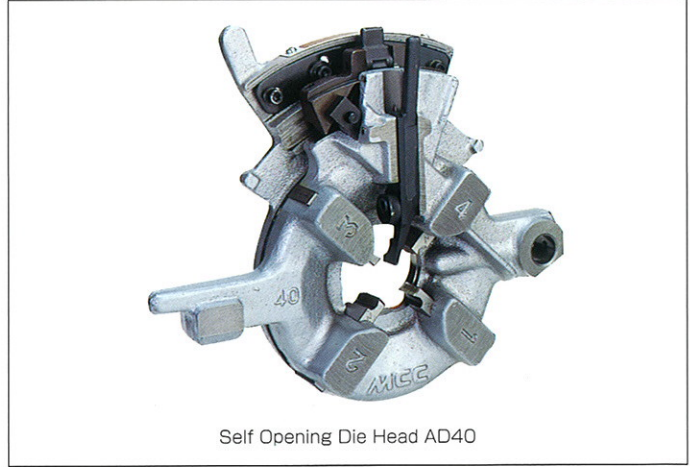
- Attachment: 1/2" - 2" BSPT, Adapter: 1/4", 3/8" BSPT

### Pipe Support

- Pipe Support: High rise (835mm - 1020mm) or Low rise (295mm - 480mm)
- Conduit Pipe Support (180mm - 400mm)

### Stand

- Stand for MCC400

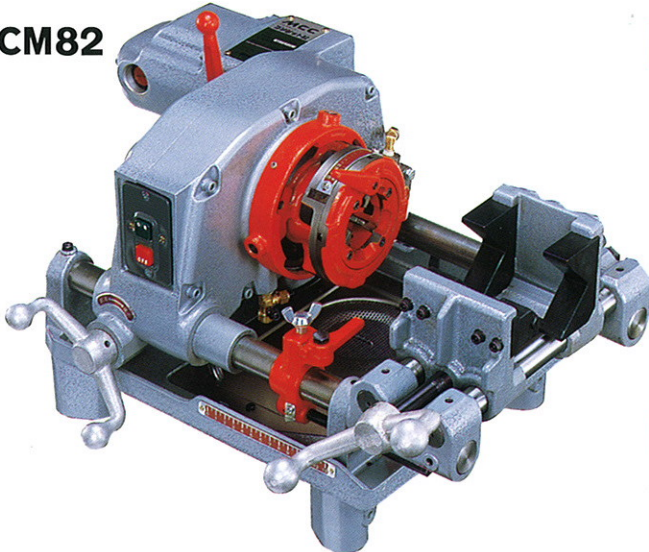


Self Opening Die Head AD40

## Conduit Pipe Threading Machine

- Die head rotating in forward only.
- One touch changeable die head and easy setting dies.
- High speed and high efficiency
- Automatic oiling directly to the dies and pipe through die head during threading operation.
- Die head opens automatically when a desired length of thread is pre-set.
- This machine is specially designed to thread conduit pipes.

### CM82



### Specifications

- Capacity : C15 - C75 (JIS Conduit), PF 1/2 - PF3 (corresponding BSPP)
- Motor : Single phase 750W 50/60Hz series motor  
Adaptable to local voltage
- 2 Rotation Speed: 40 rpm and 110rpm (60Hz) without load
- Weight : 40kg
- Dimension : 460 (L) x 350 (W) x 280 (H) mm

### Standard Accessories

- CM Die Head A type: C15 - 51, PF1/2 - 1 1/2 . . . . . 1 set
- CM Die Head B type: C63 - 75, PF2 - 3 . . . . . 1 set
- Dies: C19 - C31, C39 - C51, C63 - C75 . . . . . each 1 set
- PF1/2 - PF3/4, PF1 - PF1 1/2, PF2 - PF3 . . . . . each 1 set
- Cutting Oil 4 liter can . . . . . 1 pc.
- Chip Scraper . . . . . 1 pc.
- Spanner for die head . . . . . 1 pc.
- Release Bar for die head . . . . . 1 pc.
- Hex Key 3, 4, 5, 6mmeach . . . . . 1 pc.
- Carbon Brush . . . . . 1 set
- Machine Cover . . . . . 1 pc.
- Tool Box . . . . . 1 pc.
- Legs . . . . . 1 set

### Optional Accessories

- Dies: C15

### REFERENCE

- BSPT : British Standard Taper Pipe Threads
- NPT : American Standard Taper Pipe Threads
- W : British Standard Whitworth Threads for Bolt
- M : ISO Metric Threads for Bolt
- C : JIS Screw (Parallel) Threads for Thin Wall Conduit Pipe
- PF : JIS Screw (Parallel) Threads for Thick Wall Conduit Pipe (corresponding to BSPP)

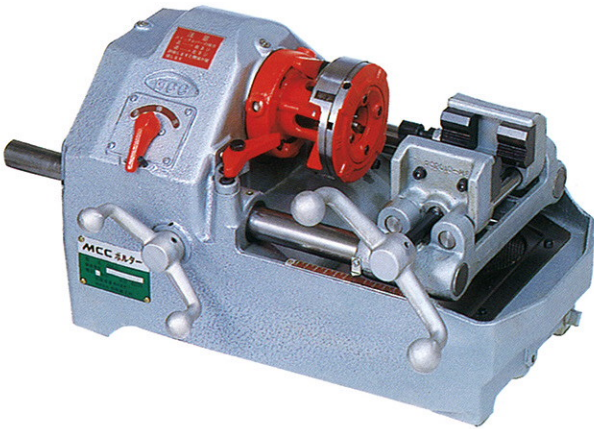




## Bolt Threading Machines

- Die head rotating in both forward and reverse direction.
- One touch changeable die head and easy setting dies.
- High speed and high efficiency
- Automatic oiling directly to the dies and bolt through die head during threading operation.
- Die head opens automatically when a desired length of thread is pre-set.
- This machine is specially designed to thread bolts for building.

### BM25



#### Specifications

Capacity	: W5/16 – W1 (BSW) Bolt, M8 – M24 (ISO metric) Bolt
Motor	: Single phase 450W 50/60Hz series motor Adaptable to local voltage
Rotation Speed	: 100 rpm (60Hz) without load
Weight	: 32kg
Dimension	: 515 (L) x 285 (W) x 287 (H) mm

#### Standard Accessories

Right Hand Die Head: W5/16 – W1, M8 – M24	1 set
Right Hand Dies: W5/16, W3/8, W1/2, W5/8, W3/4, W7/8, W1	each 1 set
Cutting Oil 4 liter can	1 pc.
Chip Scraper	1 pc.
Spanner for die head	1 pc.
Release Bar for die head	1 pc.
Hex Key 3, 4, 5, 6mm	each 1 pc.
Carbon Brush	1 set
Machine Cover	1 pc.
Tool Box	1 pc.
Legs	1 set

#### Optional Accessories

Left Hand Die Head: W5/16 – W1, M8 – M24  
 Left Hand Dies: W5/16, W3/8, W1/2, W5/8, W3/4, W7/8, W1  
 ISO metric Dies: M8, M10, M12, M14, M16, M18, M20, M22, M24  
 (right or left hand)  
 HSS(SKH) Dies: available in all sizes



## Plastic Pipe Cutter Attachment

- VPA(C)-300 helps you to cut plastic pipes at right angle and quick motion.
- Applicable to common type angle grinders and sanders.

### VPA(C)-300



#### Specifications

VPA-300	Plastic Pipe Cutter Attachment with Cutting Wheel
VPAC-300	Plastic Pipe Cutter Attachment without Cutting Wheel
DW-105	Cutting Wheel
Cutting Capacity	OD 89mm ~ 318mm Vinyl Chloride Pipe for general utility use, VP pipe, VU pipe
Weight	VPA-300 1650 g VPAC-300 1550 g DW-105 100 g
Applicable Angle Grinders	Asia type 4" angle grinder 100 mm diameter, M10 Spindle Thread, pitch 1.5, Rotation 9000 ~ 12000 rpm Makers: Tropic (TAG710), Makita, Hitachi, Toshiba, etc.

#### Optional Accessories

Pipe Support with rollers (2 pcs./set), capacity OD 89mm ~ 318mm	VPAS-300 3900 g
Cutting Wheel	DW-105

## CACTUS Hydraulic Knockout Punch Driver

- For punching holes into switchboards, control panels, etc..
- Gives clean perforation and easy operation.
- Round punch sets and square punch sets available.

### SKP-1, SKP-2



### Specifications

Output	8 metric tons at 500kgf/cm <sup>2</sup> of oil pressure
Punching Capacity	Mild Steel (SS41) Plate 3.2mm, Stainless Steel Plate 1.6mm
	Hole Diameter 17mm – 115mm

### Standard Accessories

CP-3 Hand Pump	1 pc.
Hydraulic Ram	1 pc.
Spacer ( Long, Medium, Short)	1 set
3/8" Bolt	1 pc.
3/4" Bolt	1 pc.
Hydraulic Hose	1 pc.
Steel Carrying Case	1 pc.
Punch Set for Thin Wall Conduit (SKP-1)	
C15, C19, C25, C31, C39, C51	each 1 set
Punch Set for Thick Wall Conduit (SKP-2)	
G16, G22, G28, G36, G42, G54	each 1 set

### Optional Accessories

Punch Set : C63, C75, G70, G82, G 92, G104  
 Sizes not listed above are also available at buyer's request.

Reference: Punch Call Names and Hole Diameter

Call Name	Actual Hole Diameter (mm)	Call Name	Actual Hole Diameter (mm)
C15	16.8	G16	21.9
C19	20.0	G22	27.4
C25	26.3	G28	34.2
C31	32.7	G36	42.8
C39	39.0	G42	48.7
C51	51.7	G54	60.5
C63	64.4	G70	76.0
C75	77.1	G82	88.8
		G92	102.5
		G104	115.2





### Warranty Policy

All **MCC** hand tools and machines are guaranteed against defects in workmanship and material. This guarantee covers all **MCC** supplies for one year from shipment time. No replacement will be sent for tools and parts showing misuse or abuse. Claims cannot be allowed until the questioned product has been received for inspection at our factory. **MCC** is not liable for damage of any sorts including incidental and consequential damages.

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