

Mini Beveller Type PROTEM® SM8

Technical Features

Machining capacity	8 mm ID - max. 32 mm OD 0,3" ID – max. 1,3" OD
Clamping capacity	8 mm ID - 30,5 mm ID 0,3" ID – 1,2" ID
Weld-end forms	I, V, U or special forms
Clamping	Manual without key
Expansion	1 mm and 1,5 mm (0,04" and 0,5")
Feed	10 mm (0,4") travel, manual
Working pressure	6 Bar
Rotation speed	120 rpm off-load 60 rpm nominal



No heat affected zone !

The air-powered **SM8** mini beveller is a very robust and reliable portable weld-end preparation tool. It performs repeatable quality weld preps on most metal pipes and tubes including carbon and stainless steel, duplex and super duplex, inconel etc from 8 mm ID to 30,5 mm ID. The cutting head will bevel, face and counterbore individually or in a synchronised operation. The SM8 is easily installed on all pipes and completely torque accepting (requires no holding device for machining). The PROTEM SM8 unit requires only 5/8" minimum clearance from the pipe centreline, thereby allowing precise machining inside restricted working areas.

SM8 package includes:

- One collet rod (please specify part N°)
- One collet holder (please specify part N°)
- One expansion collet (please specify size: one collet per diameter)
- 2 tool bits
- Keys and- operating manual

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References

Order no.	Article	Weight
SM8	SM8 mini-beveller with pneumatic drive MO5 (370W)	~ 1,20 kg
SM8 E	SM8 mini-beveller with electric Machining capacity: 8 to 24,5 mm I.D. (0.3 – 0.9")	~ 3,00 kg
SM8 K01	Carrying case for above SM8	

Options







SM8-037	Collet rod A (8-12mm) (0.3 – 0.4")
SM8-040	Collet rod B (12 to 29 mm) (0.4 – 1.1")
SM8-041	Collet holder N°1 (8-12 mm) (0.3 – 0.4")
SM8-043	Collet holder N° 2 (12-17 mm) (0.4 – 0.7")
SM8-038	Collet holder N° 3 (17-29 mm) (0.7 – 1.1")
SM8-051-8	Expansion collet (40 mm long) Ø 8-9 mm
SM8-051-9	Expansion collet (40 mm long) Ø 9-10 mm
SM8-051-10	Expansion collet (40 mm long) Ø 10-11 mm
SM8-051-11	Expansion collet (40 mm long) Ø 11-12 mm
SM8-052-12	Expansion collet (50 mm long) Ø 12-13 mm
SM8-052-13	Expansion collet (50 mm long) Ø 13-14 mm
SM8-052-14	Expansion collet (50 mm long) Ø 14-15 mm
SM8-052-15	Expansion collet (50 mm long) Ø 15-16 mm
SM8-052-16	Expansion collet (50 mm long) Ø 16-17 mm
SM8-053-17	Expansion collet (50 mm long) Ø 17-18,5 mm
SM8-053-18,5	Expansion collet (50 mm long) Ø 18,5- 20 mm
SM8-053-20	Expansion collet (50 mm long) Ø 20-21,5 mm
SM8-053-21.5	Expansion collet (50 mm long) Ø 21,5-23 mm
SM8-053-23	Expansion collet (50 mm long) Ø 23-24,5 mm
SM8-053-24,5	Expansion collet (50 mm long) Ø 24,5 - 26 mm

Options

Order no.	Article
SM8-053-26	Expansion collet (50 mm long) Ø 26-27,5 mm
SM8-053-27,5	Expansion collet (50 mm long) Ø 27,5 – 29mm
SM8-053-29	Expansion collet (50 mm long) Ø 29-30,5 mm
SM8-054-7	Expansion collet short version lenght 25 mm for diameters 7-8 mm
SM8-054-8	Expansion collet short version lenght 25 mm for diameters 8-9 mm
SM8-054-9	Expansion collet short version lenght 25 mm for diameters 9-10 mm
SM8-054-10	Expansion collet short version lenght 25 mm for diameters 10-11 mm
SM8-054-11	Expansion collet short version lenght 25 mm for diameters 11-12 mm
SM8-055-12	Expansion collet short version lenght 25 mm for diameters 12-13 mm
SM8-055-13	Expansion collet short version lenght 25 mm for diameters 13-14 mm
SM8-055-14	Expansion collet short version lenght 25 mm for diameters 14-15 mm
SM8-055-15	Expansion collet short version lenght 25 mm for diameters 15-16 mm
SM8-055-16	Expansion collet short version lenght 25 mm for diameters 16-17 mm
SM8-056-17	Expansion collet short version lenght 25 mm for diameters 17-18,5 mm
SM8-056-18	Expansion collet short version lenght 25 mm for diameters 18,5-20 mm
SM8-056 -20	Expansion collet short version lenght 25 mm for diameters 20-21,5 mm
SM8-056-21,5	Expansion collet short version lenght 25 mm for diameters 21,5-23 mm
SM8-056-23	Expansion collet short version lenght 25 mm for diameters 23-24,5 mm
SM8-056-24,5	Expansion collet short version lenght 25 mm for diameters 24,5-26 mm
SM8-056-26	Expansion collet short version lenght 25 mm for diameters 26-27,5 mm
SM8-056-27,5	Expansion collet short version lenght 25 mm for diameters 27,5-29 mm
SM8-056-29	Expansion collet short version lenght 25 mm for diameters 29,5-30,5 mm

Short collets (25 mm long) also available on request

Options

Order no.	Article	
O-SM8-M1-4-H-70	Facing tool bit	
O-SM8-M2-4-H-71	30° bevelling tool bit	
O-SM8-M3-4-H-72	37°30 bevelling tool bit	
O-SM8-M4-4-H-73	45° bevelling tool bit	
FRL200	Lubricating filter FRL200	
KIT01	Kit for FRL200 (Flexible tubing set)	
OPT-RP	Pneumatic red valve (optional)	
F-Lub-0,5-L	Oil for lubricating filters bottle 0,5 liter	
F-lub-1-L	Oil for lubricating filters bottle 1 liter	
F-Lub-5-L	Oil for lubricating filters bottle 5 liter	
OPT-SPH	Chip Hook	

Other options on request