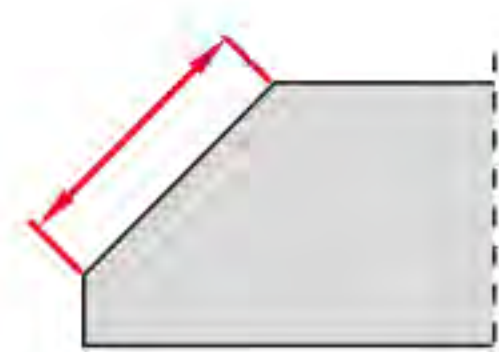


STEELBEAST®

BM-16

PORTABLE PIPE BEVELLER

JEI
Solutions
Built for Industry



Max bevel width 16 mm



Top bevelling



Bevel angles 22.5°, 30°, 37.5°, 45°, 55° or 60°



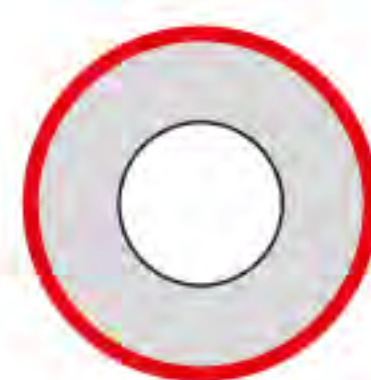
Bevel radius R2, R3, R4 or R5



Arched edge bevelling



Countersinking Min. ID 40 mm



Pipe OD bevelling



Pipe ID bevelling Min. ID 40 mm

Portable, handy beveling machine is designed for milling edges of plates and pipes made of steel, aluminum alloys, brass, or plastic.

Depending on the chosen milling head the machine enables beveling materials with minimum thickness of 1.5 mm (0.06") at the angles of 22.5°, 30°, 37.5°, 45°, 55° or 60° and with maximum bevel width of 16 mm (0.63").

Each milling head uses 5 indexable cutting inserts. One milling head for beveling radius enables beveling edges with radius of 2, 3, 4 or 5mm with use of 4-sided indexable R2, R3, R4 or R5 cutting inserts.

Countersinking of holes with minimum 40 mm (1.57") diameter is also possible.

BM-16 is equipped with continuous bevel width adjustment, overload protection and electronic speed control for use on a variety of materials. It is highly efficient machine for edge weld preparation and rounding off steel construction before painting or coating.

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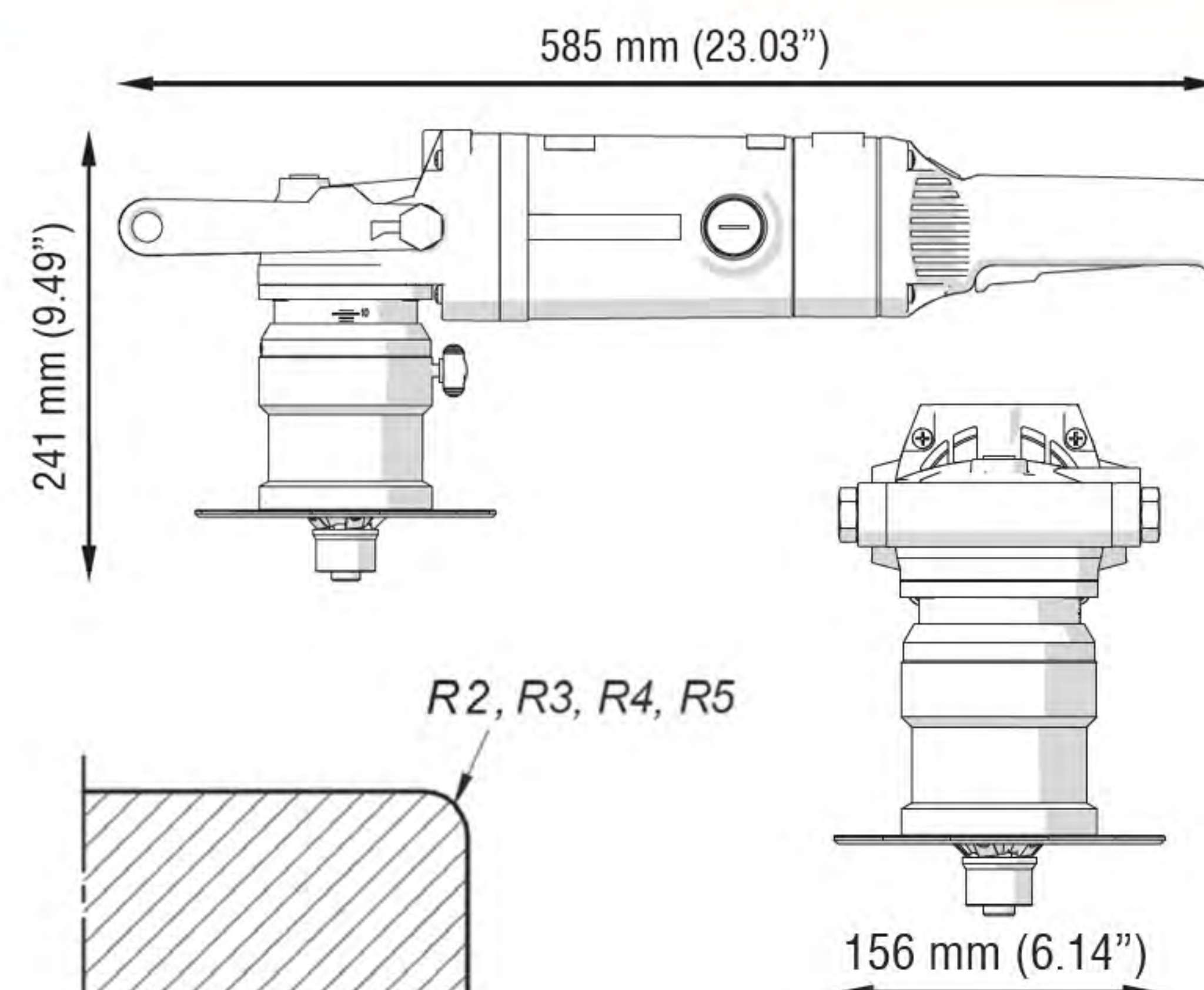
PART NUMBER: BM-16

JEI Solutions



BM-16 TECHNICAL SPECIFICATION

Power supply	1~ 110-120 V, 50-60 Hz 1~ 220-240 V, 50-60 Hz
Motor	2200 W
Spindle speed (without load)	1800–5850 rpm
Maximum bevel width	b=16 mm (0.63", Fig. 2)
Bevel angle (depending on milling head)	$\beta = 22.5^\circ, 30^\circ, 37.5^\circ, 45^\circ, 55^\circ, 60^\circ$ (Fig. 2)
Minimal diameter of countersinking	ca 40 mm (1.57")
Rounding edges	R2, R3, R4, R5 (Fig. 1)
Dimensions (L x W x H)	585 mm (23.0") x 156 mm (6.1") x 238 mm (9.4")
Weight (without milling head)	10 kg (22 lbs)
Product code 220-240 V, 50-60 Hz	BM16/2
Product code 110-120 V, 50-60 Hz	BM16



STANDARD SHIPPING SET

- ✓ BM-16 beveling machine without accessories
- ✓ Metal box
- ✓ 32mm flat wrench
- ✓ Allen wrench hex s=5
- ✓ Allen wrench hex s=14
- ✓ Operator's Manual (English)

ACCESSORIES

- BM16RMH** - Milling head for rounding
- BM16IR2** - Cutting insert R2 (4pcs required)
- BM16IR3** - Cutting insert R3 (4pcs required)
- BM16IR4** - Cutting insert R4 (4pcs required)
- BM16IR5** - Cutting insert R5 (4pcs required)
- BM7IS** - Cutting insert for steel (4 pcs required – bevel up to 7 mm)
- BM7IA** - Cutting inserts for aluminum (4 pcs required – bevel up to 7 mm)



Radius insert positioner for BM-16 and BM-7
Useful device for easy and precise setting of radius R2, R3, R4 and R5.
Product code: BM16-RP



Cutting insert R2



Cutting insert R3



Cutting insert R4

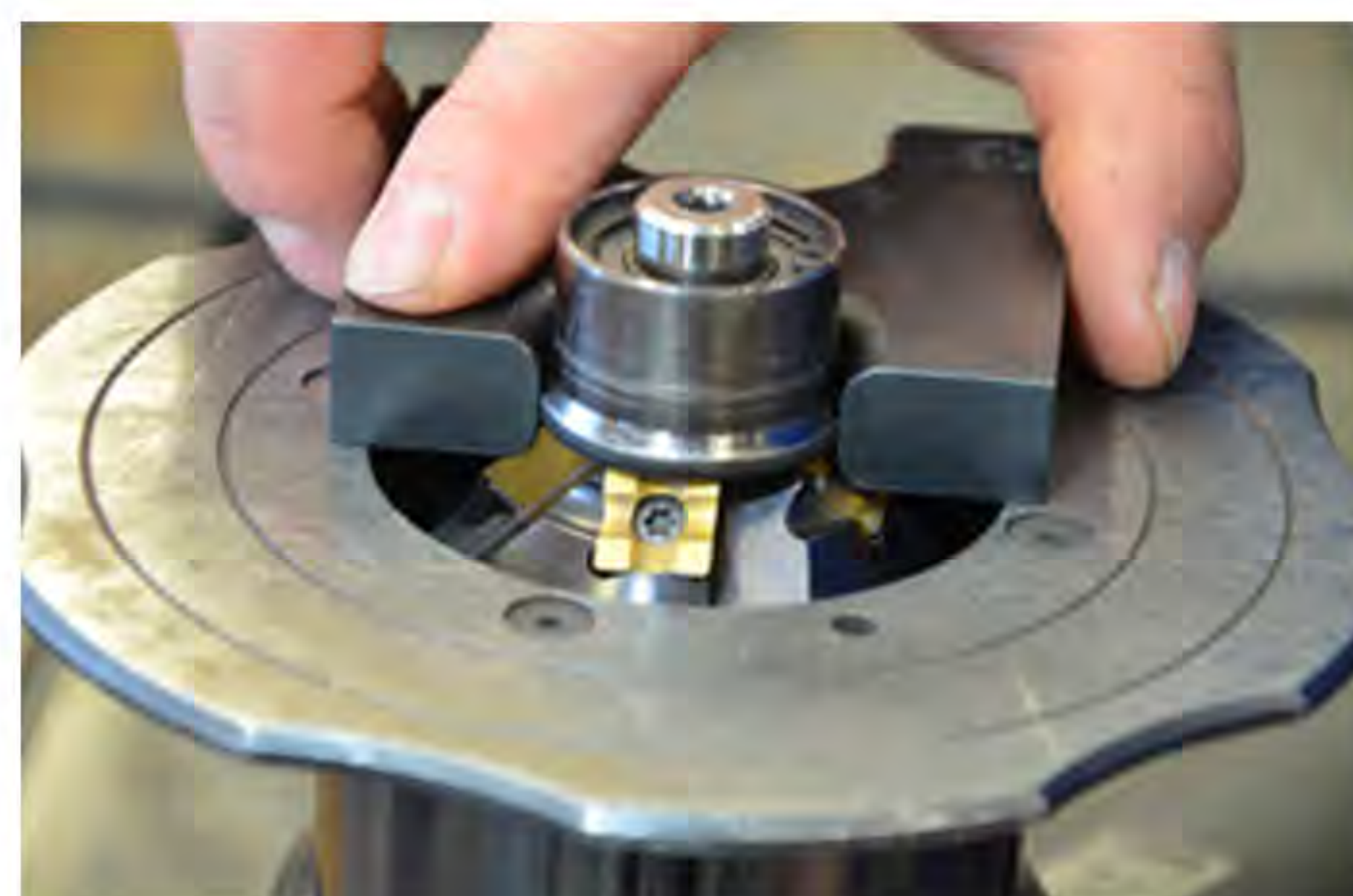


Cutting insert R5



Cutting insert for steel

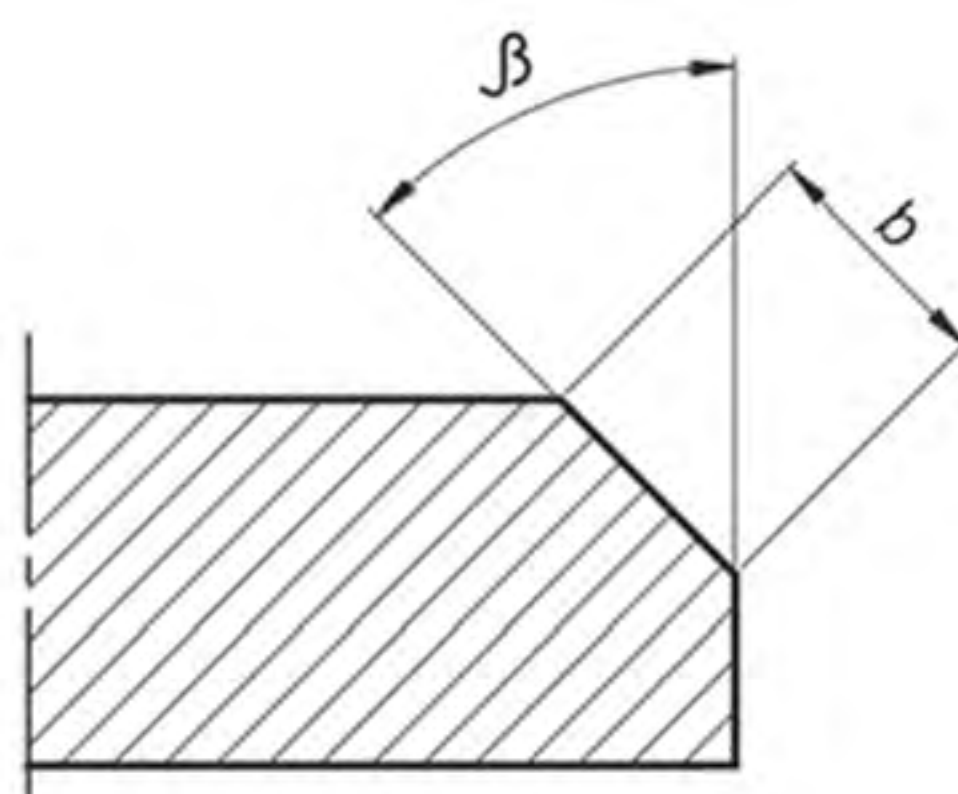
Cutting inserts for aluminum



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ACCESSORIES CONTINUED...

- BM16CMH 22.5** - Milling head 22.5°
- BM16CMH 30** - Milling head 30°
- BM16CMH 37.5** - Milling head 37.5°
- BM16CMH 45** - Milling head 45°
- BM16CMH 55** - Milling head 55°
- BM16CMH 60** - Milling head 60°
- BM16IS** - Cutting insert for steel (5pcs required)
- BM16IA** - Cutting insert for aluminum (5pcs required)



Cutting insert for steel



Cutting insert for aluminum



Milling head 22.5°



Milling head 30°



Milling head 37.5°



Milling head 45°



Milling head 55°



Milling head 60°

SPARE & CONSUMABLE PARTS

- BM16SMHS** - Insert Screw (Radius)
- BM16SMHS** - Insert Screw
- BM16-12** - Guiding roller
- BM16-GR** - Screw grease (5 g)
- BM16.24.32** - Motor brush for 230 V
- BM16-ASG** - Sticker against scratches (dedicated for aluminum beveling)



Insert Screw (Radius)



Insert Screw



Guiding roller



Pipe attachment for BM-16

Allows external beveling of pipes with a diameter of at least 150 mm (5.9") and internal beveling of pipes with a diameter of at least 110 mm (4.3").

Product code: BM16-PA



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WORKTABLE FIXTURE FOR BM-16

Handy and convenient tool for machining small workpieces. with cross section of at least 15x25 mm (0.6x1") and length of at least 400 mm (16").

The width of the workpiece can be up to 100 mm (4"), and height up to 65 mm (2.5"). The maximum bevel width is 14 mm (0.55").

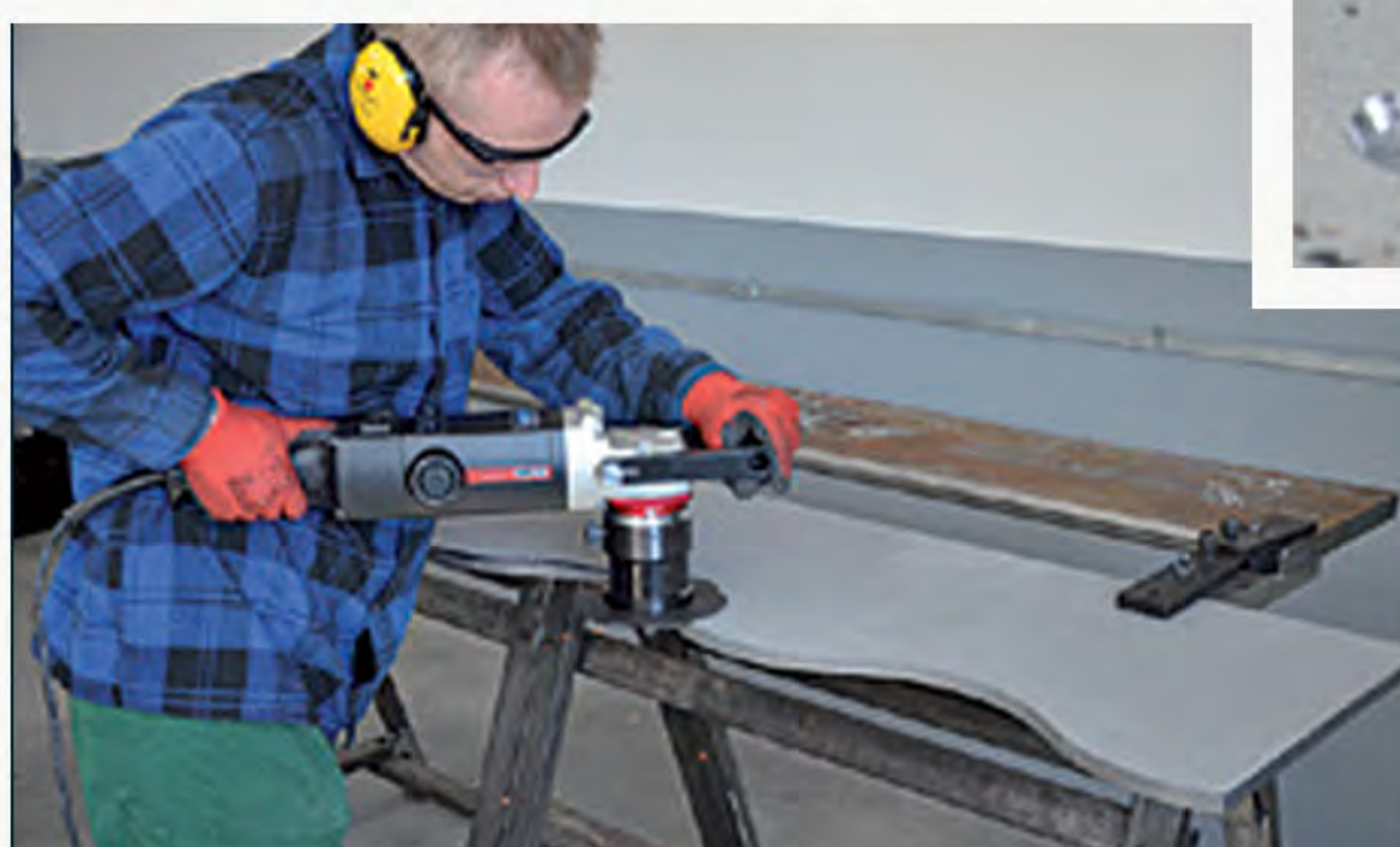
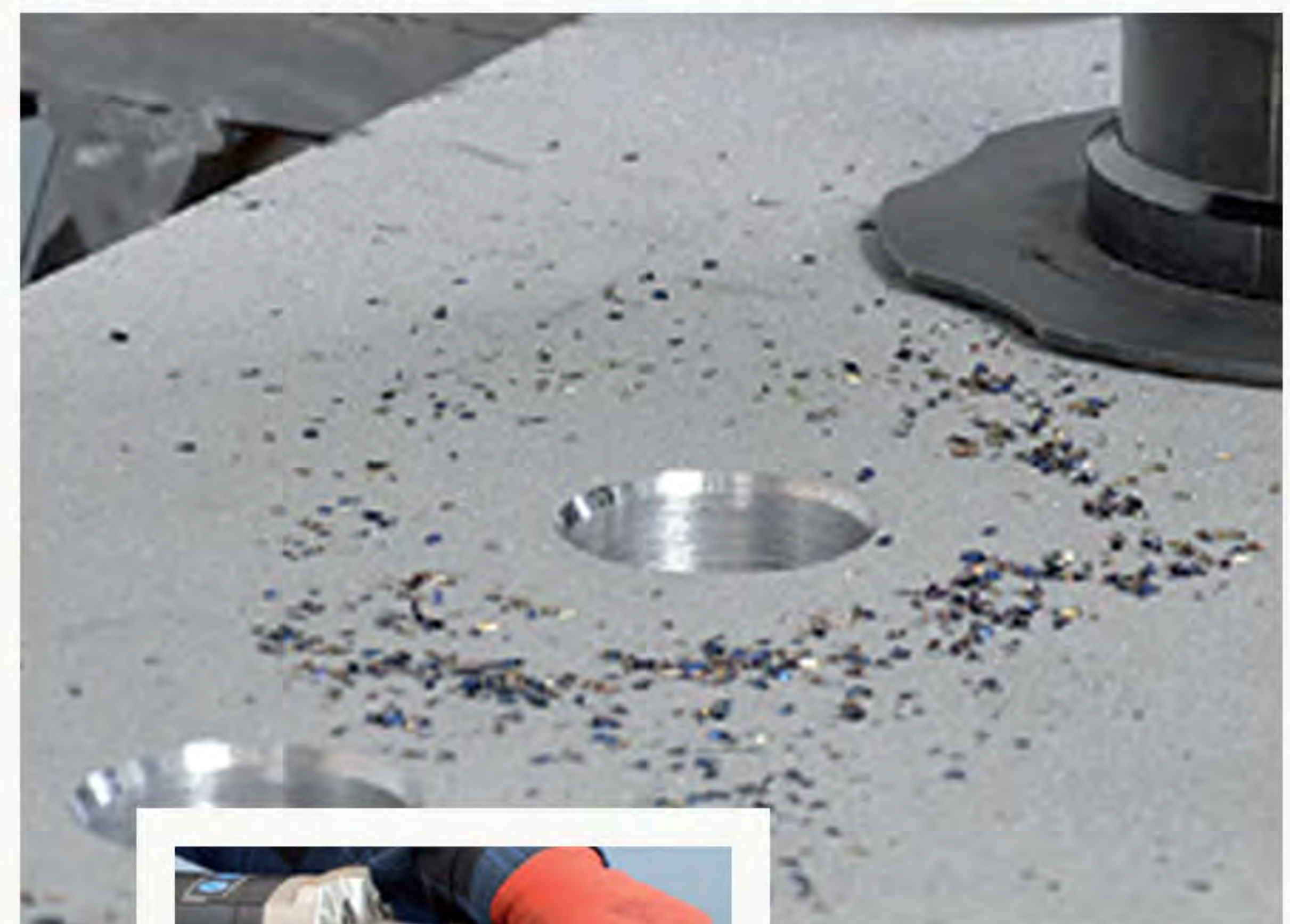
Product Code: BM16-WT



ALUMINUM BEVELLING



COUNTERSINKING



CURVED EDGE BEVELING



PIPE BEVELLING

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