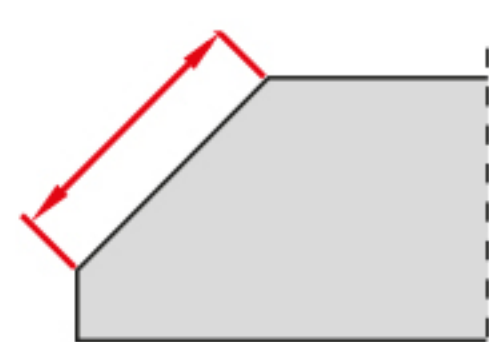


STEELBEAST®

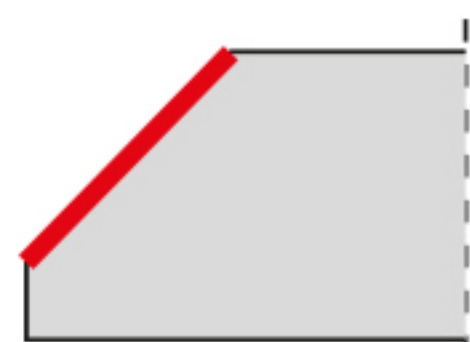
JEI
Solutions
Built for Industry

BM-18A

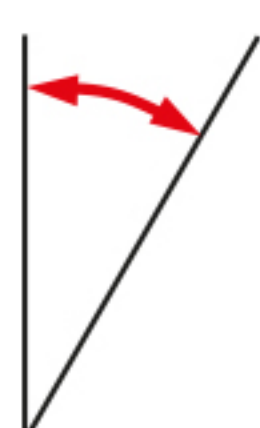
PNEUMATIC PLATE BEVELLER



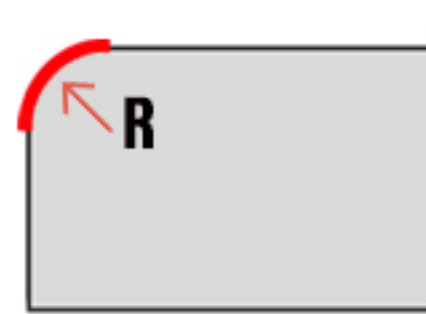
Max bevel width 18 mm



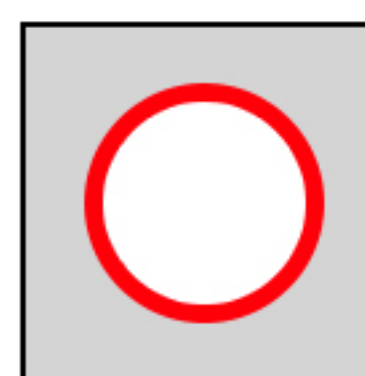
Top bevelling



Bevel angles 22.5°, 30°, 37.5°, 45°,
50°, 55°, 60°



Rounding edges R2, R3, R4 or R5



Countersinking Min. ID 40 mm



Min. plate thickness 2 mm



The BM-18A is a new SteelBeast's plate beveller with a powerful pneumatic motor. It enables machining up to 18 mm bevel.

New hexagonal fixing of milling head increases beveller durability and makes replacement of the head more convenient and user-friendly.

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PART NUMBER: BM-18A

JEI Solutions



- ✓ Powerful pneumatic motor
 - ✓ Maximum 18 mm bevel width (more than one pass could be required)
 - ✓ New more durable milling heads with hexagonal fixing
 - ✓ Easy replacement of milling head
- ✓ 2-sided indexable cutting inserts for beveling remain the same as for BM-16
 - ✓ Rounding edges R2, R3, R4 or R5
 - ✓ 4-sided indexable cutting inserts for rounding remain the same as for BM-7 and BM-16

BM-18A TECHNICAL SPECIFICATION	
Spindle speed (without load)	6.000 rpm
Maximum bevel width	b=18 mm (Fig.1)
Bevel angle (depending on milling head in use)	β = 22.5°, 30°, 37.5°, 45°, 50°, 55°, 60° (Fig. 1)
Minimal diameter of countersinking	ca 40 mm (1.57")
Rounding edges (option)	R2, R3, R4, R5 (Fig. 2)
Minimal plate thickness	2 mm
Air requirement	6 bar (0,6MPa) (87 PSI)
Air consumption	1800 L/min , (64 CFM)
Pneumatic drive	2.800 W
Minimum required diameter of supply hose	19 mm (3/4")
Weight (without milling head)	9,3 kg
Product Code	BM-18A

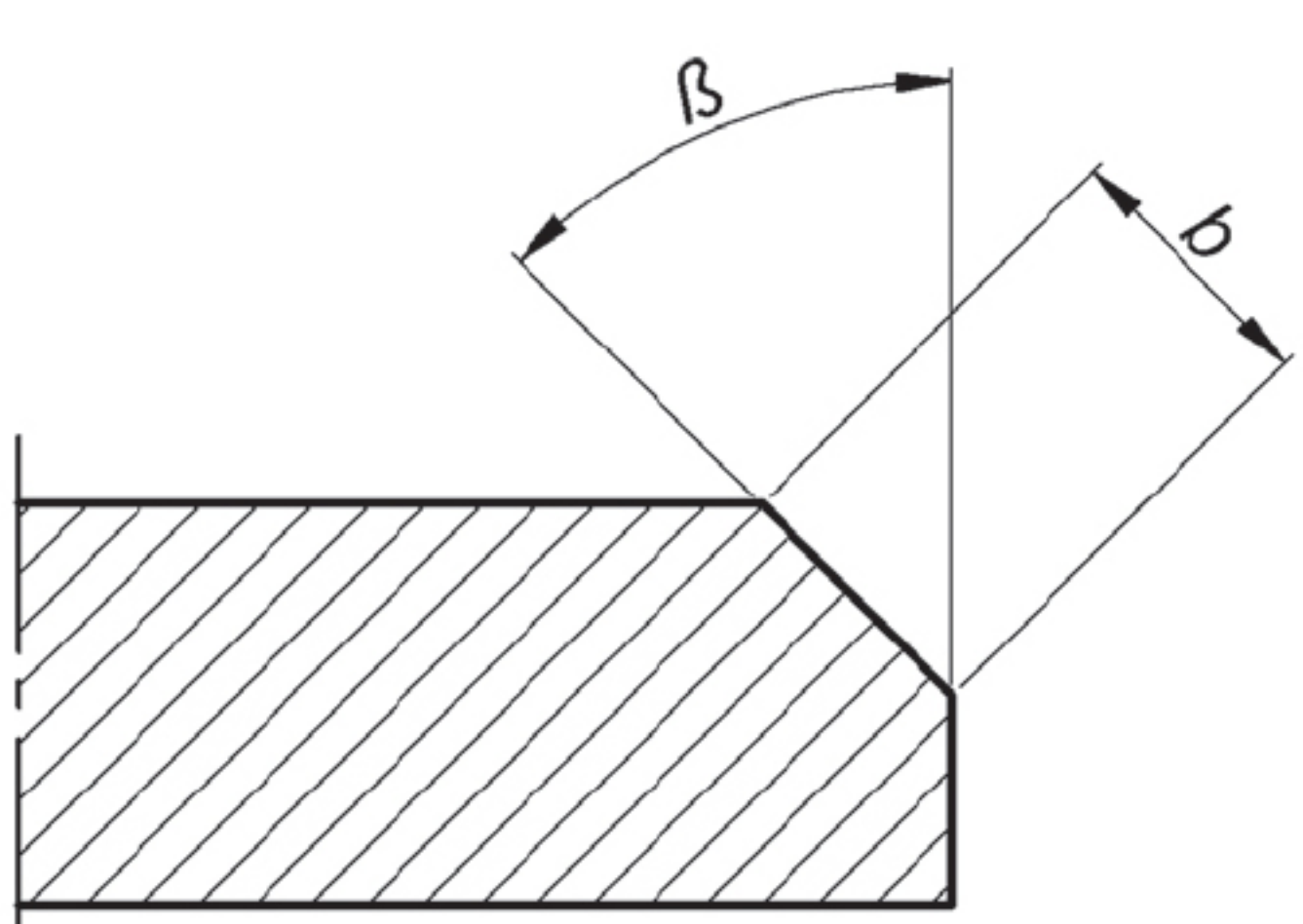


Fig. 1

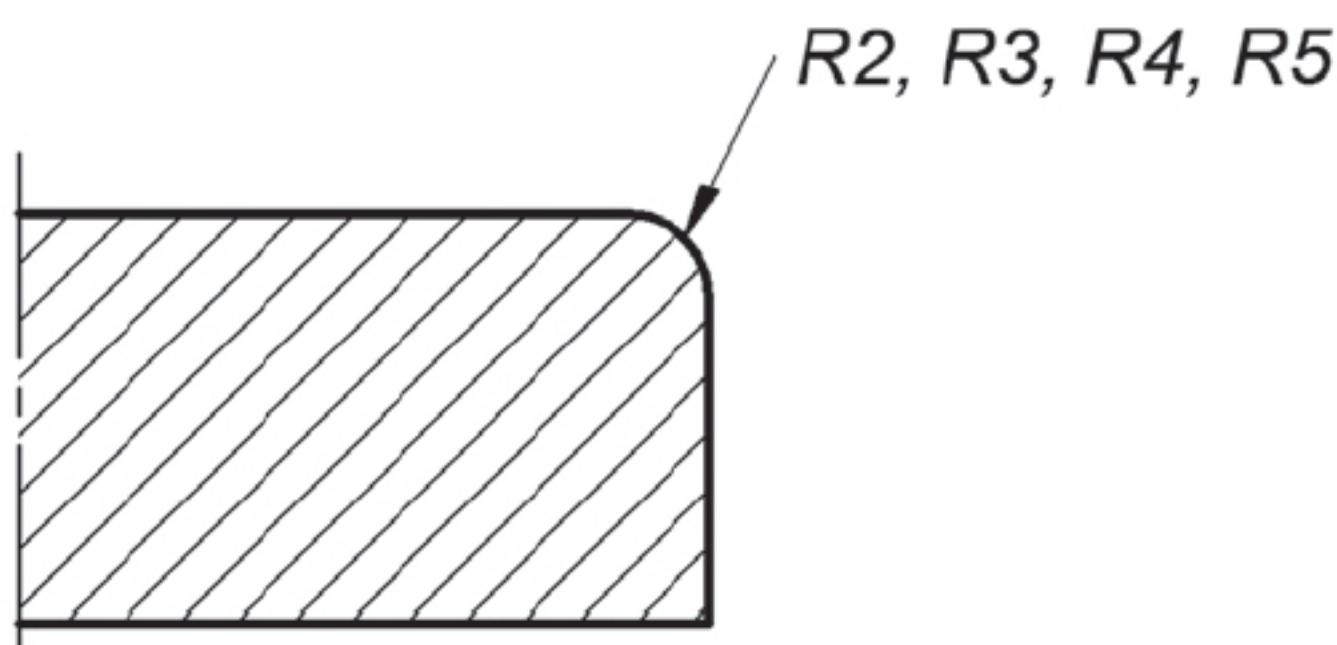


Fig. 2

NEW DESIGN OF MILLING HEADS WITH HEXAGONAL FIXING

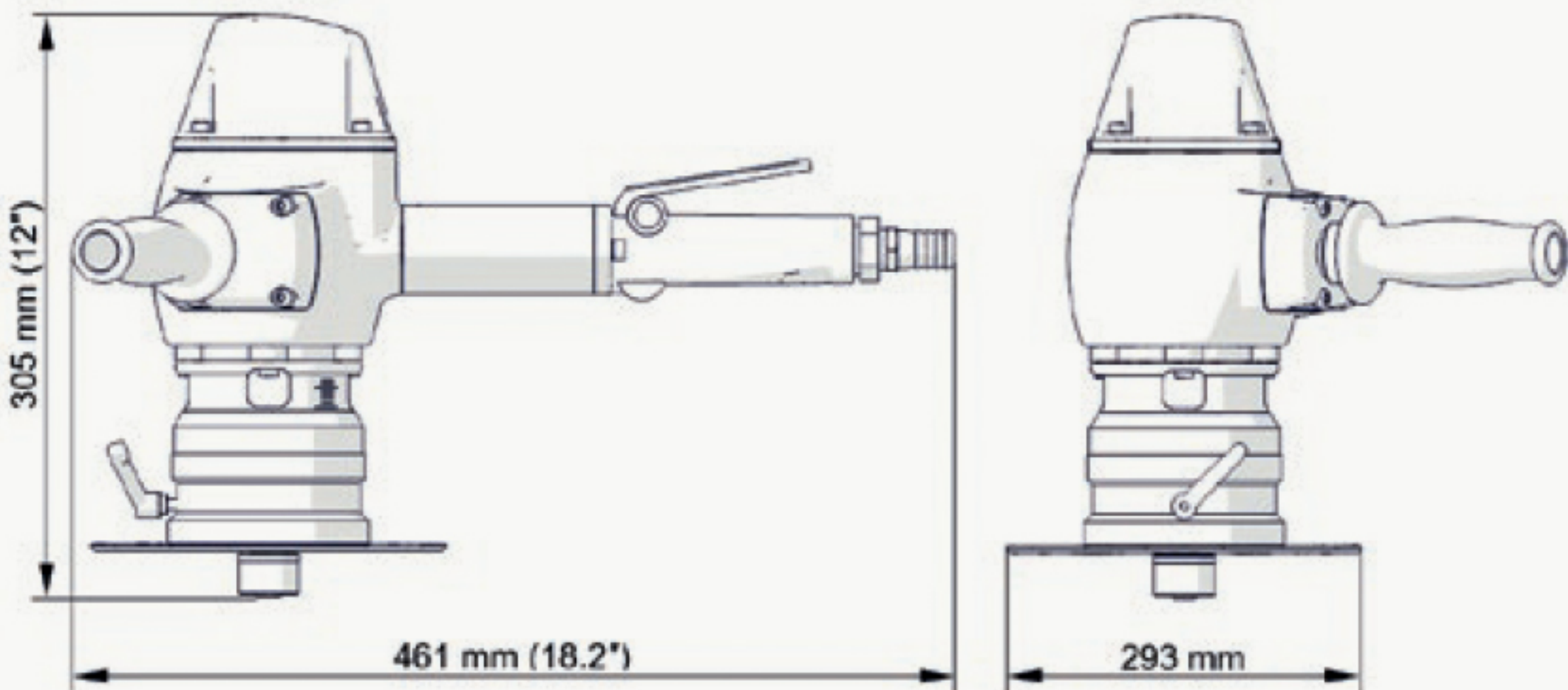
- ✓ Increases durability
- ✓ More convenient assembly and disassembly of the milling head
- ✓ Guiding roller is integrated with each milling head
- ✓ The clearance between milling head and guiding roller is precisely factory calibrated, thus requires no adjustment by the operator



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STANDARD SHIPPING SET

- ✓ BM-18A beveling machine without accessories
 - ✓ Handle
 - ✓ Plastic box
 - ✓ Lock pin
 - ✓ 32mm flat wrench
- ✓ Allen wrench hex s=6
 - ✓ Grease for mounting screws (5 g, 0.17 oz)
 - ✓ Toolbox
 - ✓ Operator's Manual



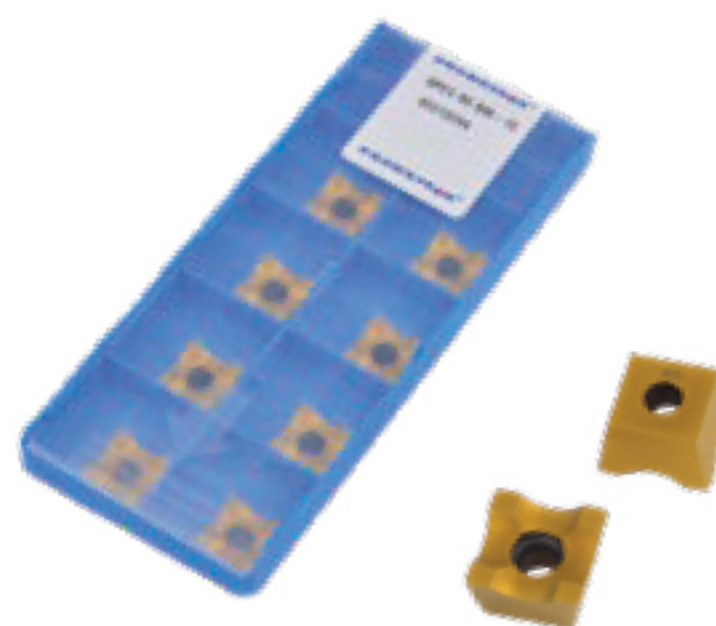
Accessories:	
BM18ACMH22.5	Beveling milling head 22.5° (5 cutting inserts required)
BM18ACMH30	Beveling milling head 30° (5 cutting inserts required)
BM18ACMH37.5	Beveling milling head 37.5° (5 cutting inserts required)
BM18ACMH45	Beveling milling head 45° (5 cutting inserts required)
BM18ACMH50	Beveling milling head 50° (5 cutting inserts required)
BM18ACMH55	Beveling milling head 55° (5 cutting inserts required)
BM18ACMH60	Beveling milling head 60° (5 cutting inserts required)
BM16-IA	Cutting insert for steel (sold 10 pcs/box)
BM16-IS	Cutting insert for aluminum (sold 10 pcs/box)
BM18ARMH	Milling head for rounding (4 cutting inserts required)
BM16-IR2	Cutting insert R2 (sold 10 pcs/box)
BM16-IR3	Cutting insert R3 (sold 10 pcs/box)
BM16-IR4	Cutting insert R4 (sold 10 pcs/box)
BM16-IR5	Cutting insert R5 (sold 10 pcs/box)
BM16-RP	Radius insert positioner
PB5-APS	Air preparation unit

Spare and consumable parts:	
BM16RMHS	Insert Screw (Radius)
BM16BMHS	Insert Screw (Beveling)
BM21-70	Screw grease (5 g)
BM18A-ASG	Sticker against scratches (dedicated for aluminum beveling)
WBJ-000002	Lock pin



BM16-IS

BM16-IA



BM16-IR4



BM16-RP



BM18A-ASG



ZST-000021

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