

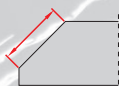
■ BM-18A | PNEUMATIC PLATE BEVELLER

The BM-18A is a new Promotech'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.

■ Features & benefits

- 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



Max. bevel width
18 mm



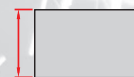
Top beveling



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



Countersinking
Min. ID 40 mm



Min. plate thickness
2 mm



Rounding edges
R2, R3, R4 or R5

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)	$\beta = 22.5^\circ, 30^\circ, 37.5^\circ, 45^\circ, 50^\circ, 55^\circ, 60^\circ$ (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	UKS-0640-10-00-00-0

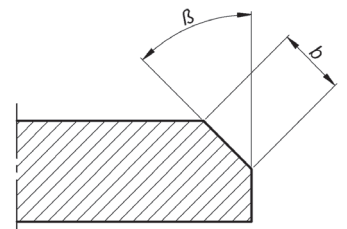


Fig. 1

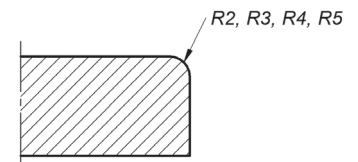


Fig. 2

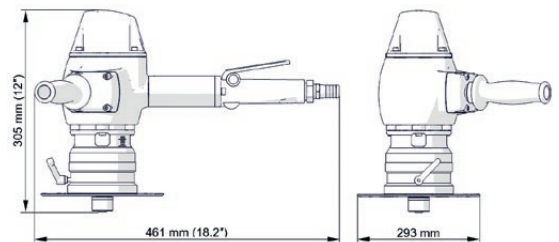
New design of milling heads with hexagonal fixing

- 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



Basic set:

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



Accessories:	
GLW-0640-30-01-00-0	Beveling milling head 22.5° (5 cutting inserts required)
GLW-0640-30-02-00-0	Beveling milling head 30° (5 cutting inserts required)
GLW-0640-30-03-00-0	Beveling milling head 37.5° (5 cutting inserts required)
GLW-0640-30-04-00-0	Beveling milling head 45° (5 cutting inserts required)
GLW-0640-30-05-00-0	Beveling milling head 50° (5 cutting inserts required)
GLW-0640-30-06-00-0	Beveling milling head 55° (5 cutting inserts required)
GLW-0640-30-07-00-0	Beveling milling head 60° (5 cutting inserts required)
PLY-000395	Cutting insert for steel (sold 10 pcs/box)
PLY-000195	Cutting insert for aluminum (sold 10 pcs/box)
GLW-0640-30-34-00-0	Milling head for rounding (4 cutting inserts required)
PLY-000360	Cutting insert R2 (sold 10 pcs/box)
PLY-000159	Cutting insert R3 (sold 10 pcs/box)
PLY-000160	Cutting insert R4 (sold 10 pcs/box)
PLY-000161	Cutting insert R5 (sold 10 pcs/box)
UST-0509-16-00-00-0	Radius insert positioner
ZST-000021	Air preparation unit

Spare and consumable parts:	
SRB-000289	Insert Screw (Radius)
SRB-000290	Insert Screw (Beveling)
SMR-000005	Screw grease (5 g)
NKL-0640-07-00-00-0	Sticker against scratches (dedicated for aluminum beveling)
WBJ-000002	Lock pin



NKL-0640-07-00-00-0



ZST-000021

All information is subject to change without notice. 1910



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