

PIPE BEVELLING MACHINES

BAHCO
DORTMUND



**PIPE BEVELLING MACHINES
SERIES FBM**

BAHCO

The portable devices with internal clamping system is used to process and weld preparation of pipe ends. A double tool holder allows simultaneous chamfering and planning.

All types have a self-closing valve in accordance with CE. The beveling machines are available for pipe inner diameter from 12 mm to 240 mm.

A wide range of accessories is also available.

The Pipe Beveling Machines are characterized by:

- high-performance engines
- no reaction torque
- robust design
- low weight

Dimensions

Description	inner pipe diameter Ø mm	Torque Nm	Speed min.	Capacity kW	Feed length mm	Side to center mm	Length mm	Weight kg	Max. Air-consump. m ³ /min.
FBM 16-1 S	12 - 16	25.0	290	0.19	20	19	261	2.6	0.40
FBM 24-1 S	14 - 24	49.0	180	0.19	30	27	278	2.9	0.40
FBM 80 A - 1S	only machine in the metal case without shaft and chuck								
FBM 80 A/42-2S	20 - 29	113.0	100	0.36	30	39	403	6.0	0.60
FBM 80 A/42-3S	28 - 52	113.0	100	0.36	30	39	403	6.7	0.60
FBM 80 A/42-4S	52 - 84	113.0	100	0.36	30	39	403	6.9	0.60
FBM 80 A/42-5S	20 - 84	Complete set with three clamping shafts							
FBM 300 - 2S	80 - 120	431.0	75	1.03	60	56	524	23.7	1.60
FBM 300 - 3S	120 - 240	431.0	75	1.03	60	135	603	26.8	1.60
FBM 300 - 4S	80 - 240	Complete set with each two shafts and a bit holder							

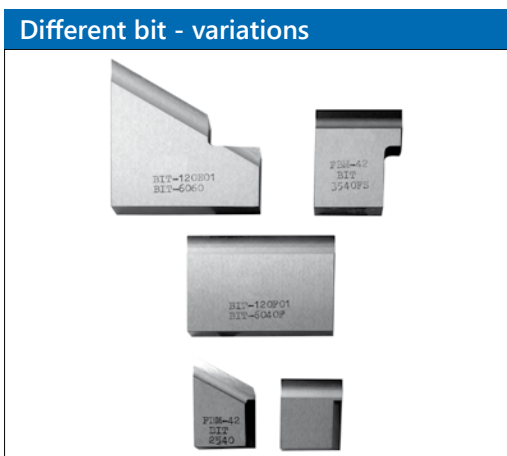
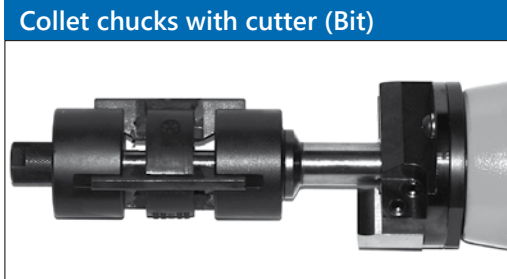
FBM - 16, -24,-80A ... ¼ " thread, 9.5 mm tube length.

FBM - 300 .. ½ " thread, 13 mm tube dia..

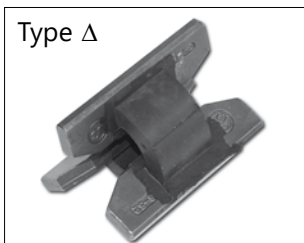
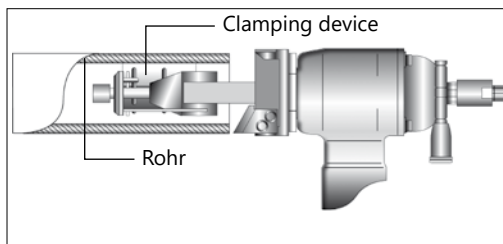
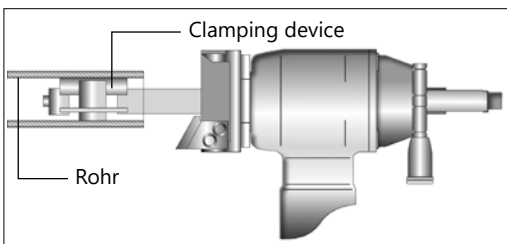
Supplied in metal case, including inlet and exhaust hose.

All models, except FBM 80A-1S, (bits) are supplied with selected shafts, mounting accessories and cutters.

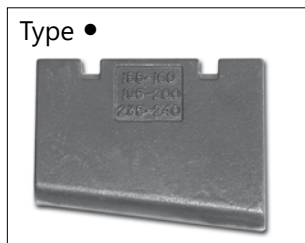
Configuration of each kit see next pages.



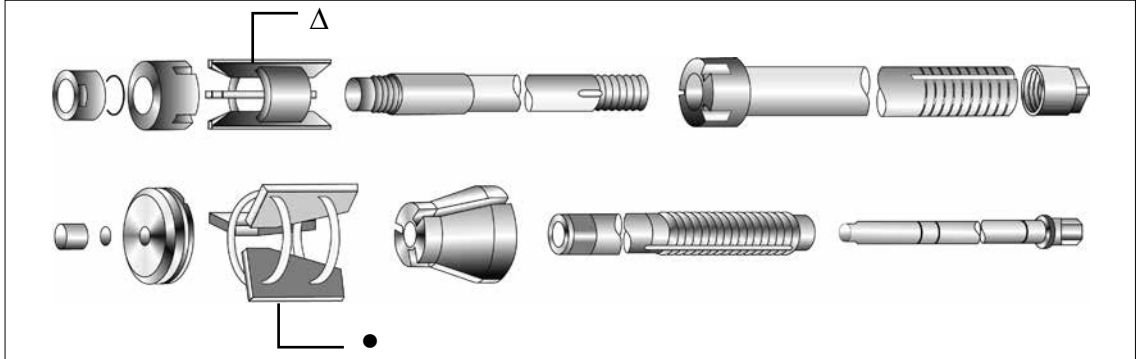
Collet chucks for FBM - 16, 24, 80A/42 and 300



FBM - 16-1S
FBM - 24-1S
FBM - 80A/42
(20mm - 84mm)



FBM - 300
(80mm - 240mm)
3 parts are required for each size



For FBM - 16 - 1S Δ	
Part-No.	inner pipe diameter Ø mm
S-138638-00	12 - 14
S-138638-01	14 - 16

For FBM - 24 - 1S Δ	
Part-No.	inner pipe diameter Ø mm
S-120638-10	14 - 16
S-120638-11	16 - 18
S-120638-12	18 - 20
S-120638-13	20 - 22
S-120638-14	22 - 24

For FBM 80A/42 Δ											
Model	Part - No. (S-121638)										
	-00 20 - 23	-01 23 - 26	-02 26 - 29	-03 28 - 34	-04 34 - 40	-05 40 - 46	-06 46 - 52	-07 52 - 60	-08 60 - 68	-09 68 - 76	-10 76 - 84
-2 S (20-29 mm)	Δ	Δ	Δ	-	-	-	-	-	-	-	-
-3 S (28-52 mm)	-	-	-	Δ	Δ	Δ	Δ	-	-	-	-
-4 S (52-84 mm)	-	-	-	-	-	-	-	Δ	Δ	Δ	Δ
-5 S (20-84 mm)	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ

For FBM 300								
Model	Part - No. (S-158638)							
	-00 80 - 90	-01 90 - 100	-02 100 - 110	-03 110 - 120	-04 120 - 130	-05 130 - 140	-06 140 - 150	-07 150 - 160
-2 S (80-120 mm)	•	•	•	•	-	-	-	-
-3 S (120-240 mm)	-	-	-	-	•	•	•	•
-4 S (80-240 mm)	•	•	•	•	•	•	•	•

Model	Part - No. (S-158638)							
	-08 160 - 170	-09 170 - 180	-10 180 - 190	-11 190 - 200	-12 200 - 210	-13 210 - 220	-14 220 - 230	-15 230 - 240
-2 S (80-120 mm)	-	-	-	-	-	-	-	-
-3 S (120-240 mm)	•	•	•	•	•	•	•	•
-4 S (80-240 mm)	•	•	•	•	•	•	•	•

Standard Bits						
Bit - Form	Part - No.	Angle (Q)	Dimensions (mm)			for Modell
			a	b	Thickness	
For outer pipe processing						
	Bit-016E01	30°	12	25	6	FBM-16
	Bit-024E01	30°	14	30	8	FBM-24
	Bit-042E02	37.5°	35	56	11.5	FBM-80A, 300
	Bit-042E03	45°	25	50	11.5	
	Bit-042E06	30°	25	40	11.5	
	Bit-042E01	30°	35	50	11.5	FBM-300
	Bit-120E01	30°	60	60	11.5	FBM-80A, 300
For inner pipe processing						
	Bit-024B06	30°	14	30	8	FBM-24
	Bit-042B01	30°	25	40	11.5	FBM-80A, 300
	Bit-042B02	45°	25	50	11.5	
For surface machining						
	Bit-024F01	–	14	25	8	FBM-24
	Bit-042F02	–	25	30	11.5	FBM-80A, 300
	Bit-120F01	–	60	40	11.5	FBM-300

Other shapes and sizes available on request.

The following bits are in the sets included:	
Model	Part-No.
FBM - 16 - 1S	Bit - 016E01
FBM - 24 - 1S	Bit - 024E01, Bit - 024F01
FBM - 80A/42-2S-5S	Bit - 042E06, Bit - 042F02
FBM - 300 - 2S - 4S	Bit - 120E01, Bit - 120F01

BAHCO
DORTMUND

BAHCO GmbH & Co.KG

Martener Hellweg 60

DE- 44379 Dortmund

Phone

+49 231/91 72 11-0

Fax

+49 231/91 72 11-22

www.bahco.de

info@bahco.de

BAHCO

All information subject to change without further notice.
No responsibility is taken for the correctness of the named specifications.