

PORTABLE CHAMFER MILLING MACHINE

K-HFM/KaKi 2014-38-3-E

Radii 1 – 4 mm

Item No.:	110001	Radius 1
	110002	Radius 2
	110003	Radius 3
	110004	Radius 4



Product description

Product information

Accessories

Now we're turning – with radius 1–4 mm. Portable milling machine for rounding corners using a variety of radii. This machine allows you to deburr the workpiece safely and at the same time improve the adherence capability of the coating since all sharp corners have been removed from the component. Equipped with a radial mechanical stop, which is used as guide roller, the tool can also be used to machine inside contours.

Application range

- Sheet metal, pipes, flanges, inside contours, bores, etc.
- Steel, aluminium, stainless steel, castings, non-ferrous metals, and plastics

Advantages

- Module design of the machine
- Rapid cutter head replacement, corner radii available in 1 mm increments
- Radius 1 mm to radius 4 mm possible
- Replacement of the cutter head allows a radius 5 mm to radius 6 mm and 45° chamfers

Option

- Rapid conversion of the machine, radius 1 mm to radius 6 mm possible
- Straight level guide for thin sheet metals < 3 mm and straight edges

Scope of delivery

- 1 Standard machine incl. cutter head
- 1 Plastic case
- 1 Hook wrench for clamping the guide plate
- 1 Torx screwdriver for tightening the indexable inserts
- 1 Guide plate incl. clamping ring

Not included in the delivery (see accessories)

- Indexable inserts
- Straight level guide

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Drive

230 V electronically, infinitely variable

Motor speed

2.800 – 11.500 RPM

Protection class

IP 20

Rated power consumption

1500 W

Weight

3.5 kg

Milling machine with 3 cutter heads

KIF/MF 38.3 R1 Eck

KIF/MF 38.3 R2 Eck

KIF/MF 38.3 R3 Eck

KIF/MF 38.3 R4 Eck

Indexable inserts

3 pcs. for the assembly of the cutter head

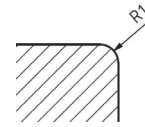
Guide

Radial = see Guide Roller table – with ball bearings

Axial = guide plate R=63.5 mm – steel, hardened

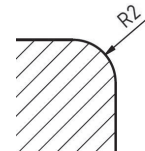
Size of radius

Radius 1 mm



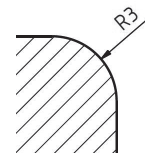
Size of radius

Radius 2 mm



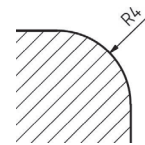
Size of radius

Radius 3 mm



Size of radius

Radius 4 mm



Product description

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Accessories

Item No.:	Description	Name	PU*
100137	Indexable insert with 4 cutting edges R1	WSP-X.12/4 R1 BST	1
100139	Indexable insert with 4 cutting edges R2	WSP-X.12/4 R2 BST	1
100141	Indexable insert with 4 cutting edges R3	WSP-X.12/4 R3 BST	1
100143	Indexable insert with 4 cutting edges R4	WSP-X.12/4 R4 BST	1
110301	Modular cutter head R1	KIF/MF38.3.R1 Eck - Z=3	1
110302	Modular cutter head R2	KIF/MF38.3.R2 Eck - Z=3	1
110303	Modular cutter head R3	KIF/MF38.3.R3 Eck - Z=3	1
110304	Modular cutter head R4	KIF/MF38.3.R4.Eck - Z=3	1
100147	Guide roller R1	GR Dia=36.40	1
100149	Guide roller R2	GR Dia=34.40	1
100151	Guide roller R3	GR Dia=32.40	1
100152	Guide roller R4	GR Dia=30.40	1
100162	Screw for indexable insert	Screw 40	10
100166	Hook wrench 68	for HFM cup/ring	1
100172	Torx screwdriver	T15	1
100046	Guide plate D = 127 mm – steel, hardened	K-HFMFT127St	1
100047	Straight level guide	K-HFMGFAVS50	1

* PU = Packaging Unit