

PORTABLE CHAMFER MILLING MACHINE

K-HFM/KaKi 2014-42-3-RF-E

Radii 5 – 6 mm

Item No.: 110005 Radius 5
110006 Radius 6



Product description

Product information

Accessories

Now we're turning – with radius 5–6 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
- Radius 5 to radius 6 mm and 45° chamfering possible
- Rapid cutter head replacement, corner radii available in 1 mm increments
- Replacement of the cutter head allows a radius 1 mm to radius 4 mm

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 42.3RF

Indexable inserts

3 pcs. for the assembly of the cutter head

Guide

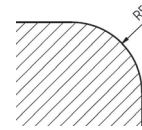
Radial = see Guide Roller table

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

Chamfer angle 5 mm

Radius 5 mm

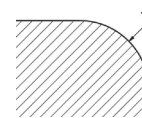
Chamfer 5 x 45°



Chamfer angle 6 mm

Radius 6 mm

Chamfer 5 x 45°



Please note:

Starting with radius 5 mm, all edges must be pre-chamfered at 45°!

Product description

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Accessories

Item No.:	Description	Name	PU*
100144	Indexable insert with 2 cutting edges R5	WSP-X.12/4 R5 BST	1
100146	Indexable insert with 2 cutting edges R6	WSP-X.12/4 R6 BST	1
100129	Indexable insert with 4 cutting edges 45°	WSP-X.12/4	10
110305	Modular cutter head R5	KIF/MF42.3.RF R5 - Z=3	1
110306	Modular cutter head R6	KIF/MF42.3.RF R6 - Z=3	1
100155	Guide roller R5 und 45° chamfer	GR Dia=30.50	1
100157	Guide roller R6	GR Dia=28.50	1
100161	Screw for indexable insert	Screw 45	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