



Operating manual

# Magnet clamping ball

joke Magic-Ball

Order no.: 0 200 323, 0 200 324, 0 200 325, 0 200 326



Variante:



We congratulate you on purchasing this device. Please read these instructions carefully in order to be able to work with the device efficiently and above all, safely!

### Scope of delivery

The scope of delivery includes the aluminium ball with integrated permanent round magnet, type RNF, support ring with glued-in leather pad, hexagonal switch key and operating instructions.



### Safety

joke Magic-Ball magnetic clamping balls are designed for handy processing of steel components and for holding steel components in laser welding units. Never use the magnetic clamping ball for other purposes. Never clamp the ball in the tool receptacle of a lathe or a machine with a similar functional principle. Cardiac pacemaker wearers must not work with magnetic clamping balls! Keep at least 100 mm away from electronic devices!


### Use as intended

The joke Magic-Ball magnetic clamping ball allows ergonomic three-dimensional work. It is ideal for handy processing of steel components and for holding steel components in laser welding units.

The workpiece is placed on the clamping area. The magnetic chuck can then be activated using the Allen key. To do this, rotate the key clockwise through 135°. The mechanics must be free-running. Do not apply force against the end position. Ensure that the workpiece surfaces are as flat as possible and have sufficient material thickness. Do not switch on the magnetic chuck before the workpiece is in place.

	Weight (kg)	Dimensions	Clamping force	Pole pitch	Order No.	Price from 1 piece
<b>Magnetic clamping balls joke Magic-Ball</b>						
	ball: 4 kg ring: 1 kg	magnet (Ø): 80 mm ball (Ø x H): 128 x 104 mm	80 N/cm²	1.5 + 0.5 mm	<b>0 200 323</b>	789.00 €
	ball: 7 kg ring: 2 kg	magnet (Ø): 100 mm ball (Ø x H): 158 x 129 mm	100 N/cm²	1.5 + 0.5 mm	<b>0 200 324</b>	956.00 €
	ball: 11 kg ring: 4 kg	magnet (Ø): 130 mm ball (Ø x H): 188 x 145 mm	100 N/cm²	1.5 + 0.5 mm	<b>0 200 325</b>	1176.00 €
	ball: 17 kg ring: 5 kg	magnet (Ø): 160 mm ball (Ø x H): 218 x 164 mm	100 N/cm²	1.5 + 0.5 mm	<b>0 200 326</b>	1384.00 €
<b>Magnetic clamping balls joke Magic-Ball with earth cable especially for the multiSpot 3</b>						
	ball: 4 kg ring: 1 kg	magnet (Ø): 80 mm ball (Ø x H): 128 x 104 mm	80 N/cm²	1,5 + 0,5 mm	<b>4 901 801</b>	942.00 €
	ball: 7 kg ring: 2 kg	magnet (Ø): 100 mm ball (Ø x H): 158 x 129 mm	100 N/cm²	1,5 + 0,5 mm	<b>4 901 802</b>	1110.00 €
	ball: 11 kg ring: 4 kg	magnet (Ø): 130 mm ball (Ø x H): 188 x 145 mm	100 N/cm²	1,5 + 0,5 mm	<b>4 901 803</b>	1330.00 €
	ball: 17 kg ring: 5 kg	magnet (Ø): 160 mm ball (Ø x H): 218 x 164 mm	100 N/cm²	1,5 + 0,5 mm	<b>4 901 804</b>	1538.00 €

### Accessories / spare parts

	Order No.	Price from 1 piece
<b>Earth cable (25 mm²), length: 1,000 mm</b>		
	<b>4 902 110</b>	38.45 €

Earth cable is absolutely necessary for first-time use of the magnetic clamping ball joke Magic-Ball with earth connection and must be ordered separately.

### Inspection and maintenance

joke Magic-Ball magnetic clamping balls are virtually maintenance-free. If the magnetic clamping surface is heavily scratched, it can be reworked with an oil stone. Keep the ball clean at all times. Worn leather inserts must be replaced.