

Магнитные головки мешалок С520, С530

Технические характеристики

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BOLA Magnetic Stirrer Heads (P-MRK)

Material: PTFE Temperature resistance: from -100 °C to +240 °C Chemical resistance: +++ universal



FDA conform



GLASS

Product description:

Ideal stirrer head for PTFE-jacketed stirrer shafts from BOLA. Consisting of capsuled drive shaft (stainless steel) with ball bearings, rotor and lower bearing made of PEEK-Compound and a hollow shaft made of borosilicate glass or Hastelloy®. Requires little space due to compact construction. No leakage or memory effects due to non-porous, welded rotor. Compression fittings for safe fixing of stirrer shaft and optimum power transmission. Joint-Cone with nut (Safe-Lab) for easy locking and unlocking of the ground joint. Square size 6 mm for accepting an agitator or a stirrer coupling.

A Receiver made of borosilicate glass

» universal chemical resistance

All parts coming in contact with the medium are metal-free, i.e. they are made of different plastic compounds or glass and provide a very good chemical resistance. Especially suitable for applications with chemically highly aggressive or highly pure products and biocompatible.

For stirrer shaft dia. d mm	Height H mm	Size NS	L2 Insertion length of shaft mm	Drive shaft D O.D. mm	Cat. No.
8	145	29/32	95	50	C 520-24
10	145	29/32	95	50	C 520-28
10	145	45/40	95	50	C 520-48

NEW



B Receiver made of Hastelloy®

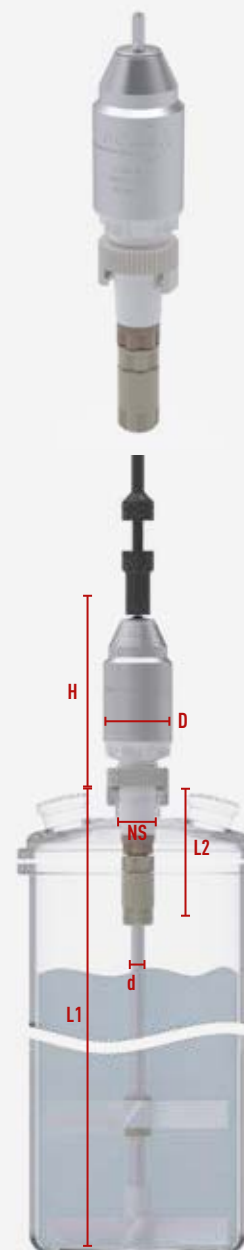
» robust construction

Compared to glass, Hastelloy® is unbreakable and provides high chemical resistance. Especially suitable for applications with frequent disassembly of the stirrer shaft as there is no risk of glass breakage when inserting the stirrer shaft into the receiver.

For stirrer shaft dia. d mm	Height H mm	Size NS	L2 Insertion length of shaft mm	Drive shaft D O.D. mm	Cat. No.
8	145	29/32	95	50	C 530-08
10	145	29/32	95	50	C 530-10
10	145	45/40	95	50	C 530-15

Applications:

- » Suitable for all BOLA Stirrer Shafts jacketed with PTFE. Ideal for reactor lids with center ground joint.
- » L1 The max. shaft length corresponds to the internal height from the top of the ground joint to the vessel bottom.



Loosen combi nut



Insert ground joint body



Fix ground joint body



Bake ground joint



Loosen ground joint



Free ground joint

BOLA PRACTICAL TIP Protecting glass stirrer shafts effectively

For protection against breaking, for example: due to misalignment of axes simply use our globe stirrer coupling. It is very lightweight and therefore has only low centrifugal force.

see page 28

BOLA Magnetic Stirrer Heads (P-MRK) with Flat Flange

Material: PTFE, Glass
Temperature resistance: from -100 °C to +240 °C
Chemical resistance: +++ universal

FDA conform CE GLAS

Product description:
Ideal stirrer head for PTFE-jacketed stirrer shafts from BOLA. Consisting of capsuled drive shaft (stainless steel) with ball bearings, rotor and lower bearing made of PEEK-Compound and a hollow shaft made of borosilicate glass or Hastelloy®. Requires little space due to compact construction. No leakage or memory effects due to non-porous, welded rotor. Compression fittings for safe fixing of stirrer shaft and optimum power transmission. Suitable for flat flanges of Duran (former Schott AG), sealing to be made with a gasket of your choice. Square size 6 mm for accepting an agitator or a stirrer coupling.

A Receiver made of borosilicate glass
» universal chemical resistance

For stirrer shaft dia. d mm	Height H mm	Flat Flange DN	L2 Insertion length of shaft mm	Drive shaft D O.D. mm	Cat. No.
10	160	40	95	50	C 522-40
10	160	50	95	50	C 522-50

CE

B Receiver made of Hastelloy®
» robust construction

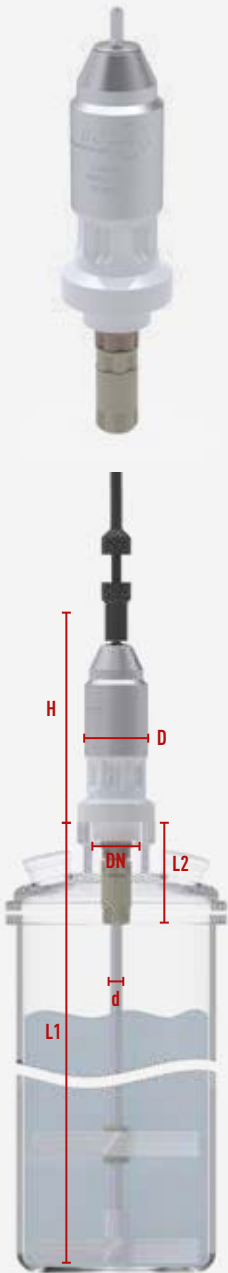
For stirrer shaft dia. d mm	Height H mm	Flat Flange DN	L2 Insertion length of shaft mm	Drive shaft D O.D. mm	Cat. No.
10	160	40	95	50	C 532-22

NEW

- Product advantages:
- » gastight stirrer head for perfect vacuum
 - » stirrer shaft's height adjustable, approx. 40 mm
 - » also suitable for shortened stirrer shafts
 - » powerful transmission of up to 90 Ncm
 - » excellent chemical resistance
 - » no grease required / save to run dry
 - » high speed of up to max. 1.500 rpm
 - » drive shaft fixed for your safety
 - » high durability
 - » easy disassembly of all parts for cleaning

Applications:

- » Suitable for all BOLA Stirrer Shafts jacketed with PTFE. Ideal for reactor lids with flat flange.
- » L1 The max. shaft length corresponds to the internal height from the top of the ground joint to the vessel bottom, plus 15 mm.





Spare Parts for : Magnetic Stirrer Heads (P-MRK)

Description	Material	Packing Unit	size	suitable for Cat. No.	Cat. No.:	
Replacement Driving Bell P-MRK	Stainless steel	1 piece	NS 19/26 NS 29/32 NS 45/40	for all Magnetic Stirrer Heads P-MRK	C 932-03	
Replacement Guiding Assembly P-MRK	PTFE	1 piece	NS 29/32 NS 45/40 DN 40 DN 50	C 520-24 / C 520-28 C 530-08 / C 530-10 C 520-48 / C 530-15 C 522-40 / C 532-22 C 522-50 / C 532-32	C 921-01 C 921-02 C 921-03 C 921-04	
Replacement "Safe-Lab" Nuts	PTFE,GF	1 piece	NS 29/32 NS 45/40	C 520-24 / C 520-28 C 530-08 / C 530-10 C 520-48 / C 530-15	K 1349-10 K 1349-16	
Replacement Rotor P-MRK	PTFE-PEEK Compound	1 piece		for all Magnetic Stirrer Heads P-MRK	C 935-01	
Replacement Set Screw P-MRK	PTFE-PEEK Compound	Pack size: 10 pieces		for all Magnetic Stirrer Heads P-MRK	C 934-01	
Replacement Wearing Disc P-MRK	PTFE-PDR	Pack size: 3 pieces		for all Magnetic Stirrer Heads P-MRK	C 931-01	
Replacement Guiding P-MRK	PTFE-PDR	1 piece		for all Magnetic Stirrer Heads P-MRK	C 922-01	
Replacement Receiver P-MRK-P-MRK	Borosilicate glass	1 piece		C 520-24 / C 520-28 / C 520-48 C 522-40 / C 522-50	C 936-01	
	Hastelloy®	1 piece		C 530-08 / C 530-10 / C 530-15 C 532-22 / C 532-32 C 540-08 / C 540-10	C 936-02	
Replacement Clamp Screw P-MRK	PTFE-PEEK Compound	Pack size: 3 pieces		for all Magnetic Stirrer Heads P-MRK	C 926-01	
Replacement O-Ring P-MRK	PFA/Silicone	Pack size: 3 pieces		C 520-24 / C 530-08 / C 540-08 C 520-08 / C 520-48 / C 522-40 C 522-50 / C 530-10 / C 530-15 C 532-22 / C 532-32 / C 540-10	C 937-01 C 937-02	
Replacement Clamp Ring P-MRK	PTFE-PEEK Compound	Pack size: 5 pieces		C 520-24 / C 530-08 / C 540-08 C 520-28 / C 520-48 / C 522-40 C 522-50 / C 530-10 / C 530-15 C 532-22 / C 532-32 / C 540-10	C 927-01 C 927-02	
Replacement Clamp Nut P-MRK	PTFE-PEEK Compound	Pack size: 3 pieces		for all Magnetic Stirrer Heads P-MRK	C 925-01	
Replacement Reducing Bush P-MRK	PTFE	Pack size: 3 pieces		C 520-24 / C 530-08 / C 540-08	C 938-01	

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