

BUK Magnetic Stirrer Couplings With Ground Joint, Buddeberg

A compact design, permanent magnetic coupling allows space-saving installation. Ball bearings ensure rapid, easy replacement to facilitate maintenance and cleaning. Magnetic stirrer couplings are available in stainless steel, Hastelloy®, titanium, zirconium and other materials or offering alternative torque levels. Stirring shafts made from similar materials or glass may be fitted.

Technical data:

Material no.: 1.4435 (AISI 316L)
 Temperature: max. 240°C
 Seals: Viton
 Bearings: Ball bearings stainless steel

① BUK with ground joint 29/32

Type	Vol. max. ml	Viscosity up to mPa/s	Torque N/cm	Speed rpm	Order No.
BUK K20 S1	500	500	20	2500	13 14 10120
BUK K40 S1	1000	1500	40	2500	13 14 10140
BUK K60 S1	3000	6000	60	2500	13 14 10160
BUK K90 S1	5000	10000	90	2500	13 14 10190

② BUK with ground joint 45/40

Type	Vol. max. ml	Visc. up to mPa/s	Torque N/cm	Speed rpm	Order No.
BUK K60 S2	5000	6000	60	2500	13 14 10260
BUK K90 S2	10000	10000	90	2500	13 14 10290

Drive shaft supplied with 6 mm external square stub and brass adapter Ø 8 mm.

③ Connection couplings VK

Connection between magnetic stirrer coupling and stirring shaft.

Type	for stirrer shaft Ø mm	Order No.
VK 7 × 8	8	10 14 50362
VK 7 × 10	10	10 14 50363

Alternativ diamters available on request.

Flexible glass stirrer coupling

For stirring tasks in glass devices and for compensation of installation inaccuracies. With clamping screw for 6 to 10 mm clamping width.

Type	Specification	Order No.
④ K 10	Flex coupling receiver inner diam. 10 mm	10 14 50547
K 10/13	Flex coupling receiver inner diam. 10/13 mm	10 14 50554
⑤ PK 10	Flex coupling receiver inner diam. 10 mm	10 14 50585
PK 10/13	Flex coupling receiver inner diam. 10/13 mm	10 14 50592
⑥ FK 1	with clamping pin made of stainless steel Ø 8 mm for the use with chucks	10 14 50595

Double cardan coupling DCK 1

With 8 mm dia. hexagonal input drive receiver and 6 mm square socket drive output.

Type	Specification	Order No.
⑦ DCK 1	Stainless steel, L = 110 mm	10 14 51414

