



Shaft couplings

Shaft couplings for installing solid shaft encoders

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Product description

Shaft couplings provide a connection between drive elements and encoders. They enable precise transmission of torque and rotary motion, while at the same time compensating for tolerances and axial movements. Thanks to their flexible design, they reduce vibrations and misalignments, which increases system accuracy and extends the service life of your devices.

Ordering information

Other models and accessories → www.sick.com/Shaft_couplings

- **Product segment:** shaft adaptation
- **Product:** shaft couplings

Description	Type	Part no.
10 mm / 12 mm; maximum shaft offset: radial +/- 0.25 mm, axial +/- 0.4 mm, angular +/- 4°; max. revolutions 10,000 rpm, -30° to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum clamping hubs	KUP-1012-B	5312984
10 mm / 15 mm; maximum shaft offset: radial +/- 0.25 mm, axial +/- 0.4 mm, angular +/- 4°; max. revolutions 10,000 rpm, -30° to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum clamping hubs	KUP-1015-B	5319859
Bar coupling, shaft diameter 10 mm / 10 mm; maximum shaft offset: radial ± 0.3 mm, axial ± 0.2 mm, angular ± 3°; speed 10,000 rpm, -10° to +80° Celsius, max. torque 80 Ncm; material: glass fiber-reinforced polyamide, aluminum hub	KUP-1010-S	2056408
Bar coupling, shaft diameter 6 mm / 10 mm, max. shaft offset: radial ± 0.3 mm, axial ± 0.3 mm, angular ± 3°; max. speed 10,000 rpm, -10° to +80 °C, max. torque: 80 Ncm, material: fiber-glass reinforced polyamide, aluminum hub	KUP-0610-S	2056407
Bar coupling, shaft diameter 6 mm / 8 mm, maximum shaft offset radial ± 0.3 mm, axial ± 0.2 mm, angle ± 3°, max. speed 10,000 rpm, torsion spring rigidity 38 Nm/wheel; material: fiber-glass reinforced polyamide, aluminum hub	KUP-0608-S	5314179
Bar coupling, shaft diameter 8 mm / 10 mm, max. shaft offset: radial ± 0.3 mm, axial ± 0.3 mm, angular ± 3°; max. speed 10,000 rpm, -10° to +80 °C, max. torque: 80 Ncm, material: fiber-glass reinforced polyamide, aluminum hub	KUP-0810-S	5314178
Bar coupling, shaft diameter 8 mm / 8 mm, maximum shaft offset radial ± 0.3 mm, axial ± 0.2 mm, angle ± 3°; max. speed 10,000 rpm, torsion spring rigidity 38 Nm/wheel; material: fiber-glass reinforced polyamide, aluminum hub	KUP-0808-S	5314177
Bellows coupling, shaft diameter 10 mm / 10 mm, maximum shaft offset: radial ± 0.25 mm, axial ± 0.4 mm, angular +/- 4°; max. speed 10,000 rpm, -30 °C to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum hub, for use with feather key	KUP-1010-BP	2075373
Bellows coupling, shaft diameter 10 mm / 10 mm, maximum shaft offset: radial ± 0.25 mm, axial ± 0.4 mm, angular ± 4°; max. speed 10,000 rpm, -30° ... +120° C, max. torque 120 Ncm; material: stainless steel bellows, fixed with two setscrews each	KUP-1010-BS	2075376
Bellows coupling, shaft diameter 10 mm/10 mm; maximum shaft offset: radial +/- 0.25 mm, axial +/- 0.4 mm, angular +/- 4°; max. revolutions 10,000 rpm, -30° to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum clamping hubs	KUP-1010-B	5312983
Bellows coupling, shaft diameter 6 mm / 10 mm, bellows coupling, shaft diameter 6 mm / 6 mm, maximum shaft offset: radial ± 0.25 mm, axial ± 0.4 mm, angular ± 4°; max. speed 10,000 rpm, -30 °C ... +120° C, max. torque 120 Ncm; material: stainless steel bellows, fixed with two setscrews each	KUP-0610-BS	2075377
Bellows coupling, shaft diameter 6 mm / 10 mm, maximum shaft offset: radial ± 0.25 mm, axial ± 0.4 mm, angular +/- 4°; max. speed 10,000 rpm, -30 °C to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum hub	KUP-0610-B	5312982
Bellows coupling, shaft diameter 6 mm / 10 mm, maximum shaft offset: radial ± 0.25 mm, axial ± 0.4 mm, angular +/- 4°; max. speed 10,000 rpm, -30 °C to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum hub, for use with feather key	KUP-0610-BP	2075375

Description	Type	Part no.
Bellows coupling, shaft diameter 6 mm / 6 mm, maximum shaft offset: radial $\pm$ 0.25 mm, axial $\pm$ 0.4 mm, angular $\pm$ 4°; max. speed 10,000 rpm, -30 °C to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum hub	KUP-0606-B	5312981
Bellows coupling, shaft diameter 6 mm / 6 mm, maximum shaft offset: radial $\pm$ 0.25 mm, axial $\pm$ 0.4 mm, angular $\pm$ 4°; max. speed 10,000 rpm, -30 °C to +120 °C, max. torque 120 Ncm; material: stainless steel bellows, aluminum hub, for use with feather key	KUP-0606-BP	2075379
Bellows coupling, shaft diameter 6 mm / 6 mm, maximum shaft offset: radial $\pm$ 0.25 mm, axial $\pm$ 0.4 mm, angular $\pm$ 4°; max. speed 10,000 rpm, -30 °C ... +120° C, max. torque 120 Ncm; material: stainless steel bellows, fixed with two setscrews each	KUP-0606-BS	2075378
Claw coupling, shaft diameter 10 mm / 10 mm, damping element 80 shore blue, maximum shaft offset: radial $\pm$ 0.22 mm, axial $\pm$ 1 mm angular $\pm$ 1.3°, max. speed 19,000 rpm, angle of twist max. 10°, -30 °C to +80 °C, max. torque 800 Ncm, tightening torque of screws: ISO 4029 150 Ncm, material: aluminum flange, damping element: polyurethane	KUP-1010-J	2127054
Claw coupling, shaft diameter 10 mm / 12 mm, damping element 80 shore blue, maximum shaft offset: radial $\pm$ 0.22 mm, axial $\pm$ 1 mm angular $\pm$ 1.3°, max. speed 19,000 rpm, angle of twist max. 10°, -30 °C to +80 °C, max. torque 800 Ncm, tightening torque of screws: ISO 4029 150 Ncm, material: aluminum flange, damping element: polyurethane	KUP-1012-J	2128265
Claw coupling, shaft diameter 6 mm / 10 mm, damping element 80 shore blue, maximum shaft offset: radial $\pm$ 0.22 mm, axial $\pm$ 1 mm angular $\pm$ 1.3°, max. speed 19,000 rpm, angle of twist max. 10°, -30 °C to +80 °C, max. torque 800 Ncm, tightening torque of screws: ISO 4029 150 Ncm, material: aluminum flange, damping element: polyurethane	KUP-0610-J	2127056
Claw coupling, shaft diameter 6 mm / 6 mm, damping element 80 shore blue, maximum shaft offset: radial $\pm$ 0.22 mm, axial $\pm$ 1 mm angular $\pm$ 1.3°, max. speed 19,000 rpm, angle of twist max. 10°, -30 °C to +80 °C, max. torque 800 Ncm, tightening torque of screws: ISO 4029 150 Ncm, material: aluminum flange, damping element: polyurethane	KUP-0606-J	2127057
Claw coupling, shaft diameter 8 mm / 10 mm, damping element 80 shore blue, maximum shaft offset: radial $\pm$ 0.22 mm, axial $\pm$ 1 mm angular $\pm$ 1.3°, max. speed 19,000 rpm, angle of twist max. 10°, -30 °C to +80 °C, max. torque 800 Ncm, tightening torque of screws: ISO 4029 150 Ncm, material: aluminum flange, damping element: polyurethane	KUP-0810-J	2128267
Combination coupling: bellows & claw coupling, with emergency running property in the event of bellows fracture, shaft diameter 10 mm / 10 mm, maximum shaft offset: radial $\pm$ 0.3 mm, axial $\pm$ 0.45, angular $\pm$ 3°, max. speed 10,000 rpm, -30° to +120 °C, max. torque 200 Ncm; material: stainless steel bellows, stainless steel flange, for use with torque feather key	KUP-1010-BJ	2124992
Combination coupling: bellows & claw coupling, with emergency running property in the event of bellows fracture, shaft diameter 6 mm / 10 mm, maximum shaft offset: radial $\pm$ 0.3 mm, axial $\pm$ 0.45, angular $\pm$ 3°, max. speed 10,000 rpm, -30° to +120 °C, max. torque 200 Ncm; material: stainless steel bellows, stainless steel flange, for use with torque feather key	KUP-0610-BJ	2124999
Combination coupling: bellows & claw coupling, with emergency running property in the event of bellows fracture, shaft diameter 6 mm / 6 mm, maximum shaft offset: radial $\pm$ 0.3 mm, axial $\pm$ 0.45, angular $\pm$ 3°, max. speed 10,000 rpm, -30° to +120 °C, max. torque 200 Ncm; material: stainless steel bellows, stainless steel flange, for use with torque feather key	KUP-0606-BJ	2125000
Coupling	KUP-0810-H	7102238
Cross-slotted coupling, shaft diameter 6 mm / 6 mm, maximum shaft offset: radial $\pm$ 0.3 mm, axial $\pm$ 0.2 mm, angle $\pm$ 3°; max. speed 10,000 rpm, -10° to +80 °C, max. torque 80 Ncm; material: fiber-glass reinforced polyamide, aluminum hub	KUP-0606-S	2056406
Double loop coupling, shaft diameter 10 mm / 10 mm, Maximum shaft offset: radial $\pm$ 2.5 mm, axial $\pm$ 3 mm, angular $\pm$ 10°; max. speed 3,000 rpm, -30° to +80 °C, max. torque 1.5 Nm; material: polyurethane, galvanized steel flange	KUP-1010-D	5326703
Double loop coupling, shaft diameter 10 mm / 12 mm, Maximum shaft offset: radial $\pm$ 2.5 mm, axial $\pm$ 3 mm, angular $\pm$ 10°; max. speed 3,000 rpm, -30° to +80 °C, max. torque 1.5 Nm; material: polyurethane, galvanized steel flange	KUP-1012-D	5326702
Double loop coupling, shaft diameter 6 mm / 10 mm, max. shaft offset: radially $\pm$ 2.5 mm, axially $\pm$ 3 mm, angle $\pm$ 10 degrees; max. speed 3.000 rpm, -30 to +80 degrees Celsius, torsional spring stiffness of 25 Nm/rad	KUP-0610-D	5326697

Description	Type	Part no.
Double loop coupling, shaft diameter 8 mm / 10 mm, max. shaft offset: radial-ly +/- 0,25 mm, axially +/-0,4 mm, angle +/- 4 degrees;max. speed 10.000 rpm, -30 to +120 degrees Celsius, torsional spring stiffness of 150 Nm/rad	KUP-0810-D	5326704
Double-loop coupling, shaft diameter 6 mm / 6 mm, maximum shaft offset: radial ± 2.5 mm, axial ± 3 mm, angular ± 10 °; max. speed 3,000 rpm, -30 °C to +80 °C, max. torque 1.5 Nm; material: polyurethane, galvanized steel flange	KUP-0606-D	5340152
Encoder shaft coupling for shaft diameter 10 mm ... 3/8"	KUP-1038-H	7102153
Encoder shaft coupling for shaft diameter 3/8"	KUP-3838-H	7102151
Encoder shaft coupling for shaft diameter 3/8" ... 1/4"	KUP-3814-H	7102152
For shaft diameter 1/4"	KUP-1414-H	7102150
For shaft diameter 10 mm	KUP-1010-H	7102154
Spring coupling, shaft diameter 10 mm / 10 mm, maximum shaft offset: radial +/- 1.5 mm, axial +/- 1.0 mm, angular +/- 5 °, max. speed 3,000 rpm, -40 ° to +120 °Celsius, nominal torque 300 Ncm, rotational angle at half nominal torque, direction of rotation right viewed on driving shaft 40 °, left viewed on driving shaft 60 °, material: spring steel 1.1200 nickel plated, hubs made of stainless steel 1.4305	KUP-1010-WSS	5350421
Spring coupling, shaft diameter 10 mm / 10 mm, maximum shaft offset: radial ± 1.5 mm, axial ± 1.0 mm, angular ± 5 °, max. speed 3,000 rpm, -30 ° to +120 °Celsius, nominal torque 150 Ncm, rotational angle at half nominal torque, direction of rotation right viewed on driving shaft 40 °, left viewed on driving shaft 60 °, material: spring steel 1.0600 nickel plated, zinc die cast hubs	KUP-1010-W	5319914
Spring washer coupling, shaft diameter 10 mm / 10 mm, maximum shaft offset, radial ± 0.3 mm, axial ± 0.4 mm, angle ± 2.5 °, torsion spring stiffness 30 Nm/rad; material: aluminum flange, glass-fiber reinforced polyamide membrane and hardened steel coupling pin	KUP-1010-F	5312986
Spring washer coupling, shaft diameter 6 mm / 10 mm, Maximum shaft offset: radial +/- 0.3 mm, axial +/- 0.4 mm, angular +/- 2.5 °; max. speed 12,000 rpm, -10 ° to +80 °C, max. torque 60 Ncm; material: aluminum flange, glass fiber-reinforced polyamide membrane and hardened steel coupling pin	KUP-0610-F	5312985
Spring washer coupling, shaft diameter 6 mm / 6 mm	KUP-0606-F	5313773

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