

Kreuzschieberkupplung

KSB mit Klemmnabe

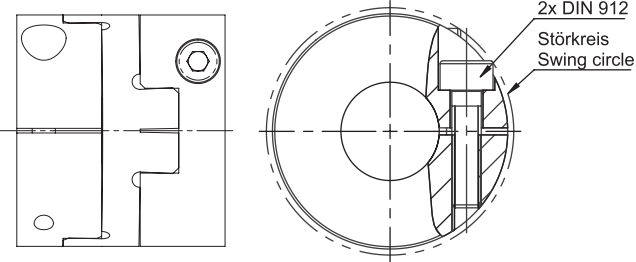
KSD mit Klemm- und Spreiznabe

Oldham coupling

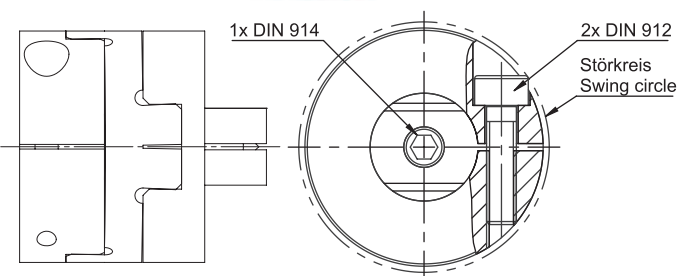
KSB with clamping hub

KSD with clamping- and spread hub

KSB



KSD



Merkmale

- Absolut spielfrei
- Extrem verschleißfest
- Einfache Montage
- Geringes Gewicht
- Präzise Kraftübertragung
- Geringes Massenträgheitsmoment
- Steckbar

KSB

- Beidseitig mit Klemmnaben

KSD

- Mit Spreiz- und Klemmnabe
- Geeignet für Hohlwellen

Bestellbezeichnung / Beispiel:

KSB-10 - **8H7** - **9H7**
 Typ+Größe Bohrung D1 Bohrung D2

KSD-18 - **12H7** - **14h7**
 Typ+Größe Bohrung D1 Dorn-Ø

Characteristics

- Zero backlash
- Extremely resistant to wear
- Easy to assemble
- Low weight
- Precise power transmission
- Low mass moment of inertia
- connectible

KSB

- With double ended clamping hub

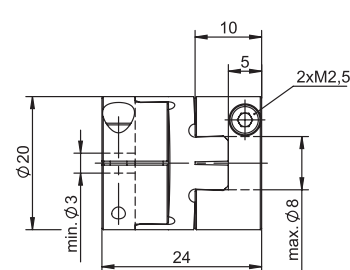
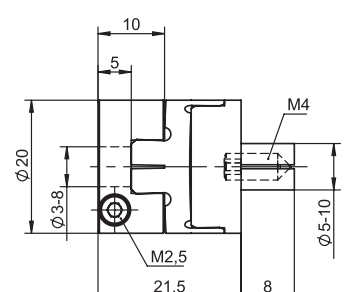
KSD

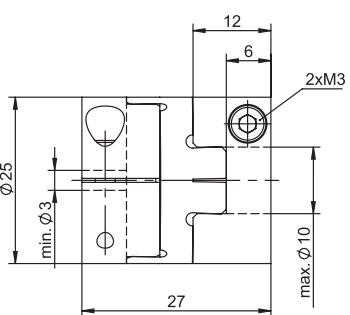
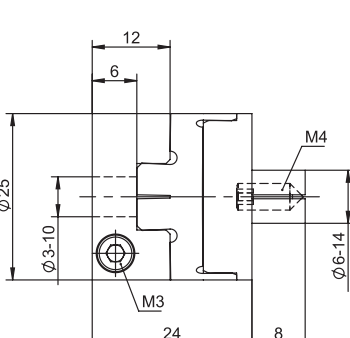
- With clamping- and spread hub
- Made for hollow shafts

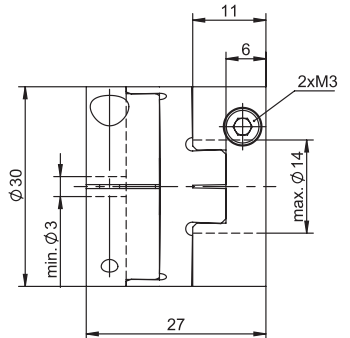
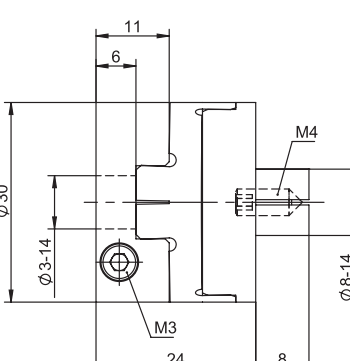
Order description / example:

KSB-10 - **8H7** - **9H7**
 Type+Size Bore D1 Bore D2

KSD-18 - **12H7** - **14h7**
 Type+Size Bore D1 Spread hub-Ø

KSB-5		0.50 [Nm]	Nennmoment Nominal torque	0.50 [Nm]	KSD-5	
	0.033 [10 ³ Nm/rad]	0.033 [10 ³ Nm/rad]	Torsionssteife Torsional stiffness	0.033 [10 ³ Nm/rad]		
	14 [ca. in g]	14 [ca. in g]	Masse Mass	14 [ca. in g]		
	0.028 [10 ⁻⁶ kgm ²]	0.028 [10 ⁻⁶ kgm ²]	Trägheitsmoment Inertia torque	0.028 [10 ⁻⁶ kgm ²]		
	0.50 [°]	0.50 [°]	Zulässiger angularer Wellenversatz Max. angular shaft misalignment	0.50 [°]		
	0.10 [mm]	0.10 [mm]	Max. axialer Wellenversatz Max. axial shaft misalignment	0.10 [mm]		
	0.20 [mm]	0.20 [mm]	Max. lateraler Wellenversatz Max. lateral shaft misalignment	0.20 [mm]		
	135 M _A max. [Ncm]	135 M _A max. [Ncm]	Anziedrehmoment der Schraube Tightening torque of screw	135 M _A max. [Ncm]		
	21.0 [ø mm]	21.0 [ø mm]	Störkreis Swing circle	21.0 [ø mm]		

KSB-10		1.00 [Nm]	Nennmoment Nominal torque	1.00 [Nm]	KSD-10	
	0.018 [10 ³ Nm/rad]	0.018 [10 ³ Nm/rad]	Torsionssteife Torsional stiffness	0.018 [10 ³ Nm/rad]		
	25 [ca. in g]	25 [ca. in g]	Masse Mass	25 [ca. in g]		
	0.079 [10 ⁻⁶ kgm ²]	0.079 [10 ⁻⁶ kgm ²]	Trägheitsmoment Inertia torque	0.079 [10 ⁻⁶ kgm ²]		
	0.50 [°]	0.50 [°]	Zulässiger angularer Wellenversatz Max. angular shaft misalignment	0.50 [°]		
	0.10 [mm]	0.10 [mm]	Max. axialer Wellenversatz Max. axial shaft misalignment	0.10 [mm]		
	0.30 [mm]	0.30 [mm]	Max. lateraler Wellenversatz Max. lateral shaft misalignment	0.30 [mm]		
	188 M _A max. [Ncm]	188 M _A max. [Ncm]	Anziedrehmoment der Schraube Tightening torque of screw	188 M _A max. [Ncm]		

KSB-18		1.80 [Nm]	Nennmoment Nominal torque	1.80 [Nm]	KSD-18	
	0.091 [10 ³ Nm/rad]	0.091 [10 ³ Nm/rad]	Torsionssteife Torsional stiffness	0.091 [10 ³ Nm/rad]		
	40 [ca. in g]	40 [ca. in g]	Masse Mass	40 [ca. in g]		
	0.184 [10 ⁻⁶ kgm ²]	0.184 [10 ⁻⁶ kgm ²]	Trägheitsmoment Inertia torque	0.184 [10 ⁻⁶ kgm ²]		
	0.50 [°]	0.50 [°]	Zulässiger angularer Wellenversatz Max. angular shaft misalignment	0.50 [°]		
	0.10 [mm]	0.10 [mm]	Max. axialer Wellenversatz Max. axial shaft misalignment	0.10 [mm]		
	0.30 [mm]	0.30 [mm]	Max. lateraler Wellenversatz Max. lateral shaft misalignment	0.30 [mm]		
	188 M _A max. [Ncm]	188 M _A max. [Ncm]	Anziedrehmoment der Schraube Tightening torque of screw	188 M _A max. [Ncm]		