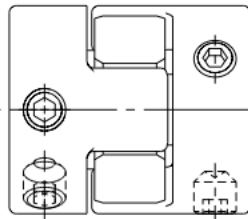
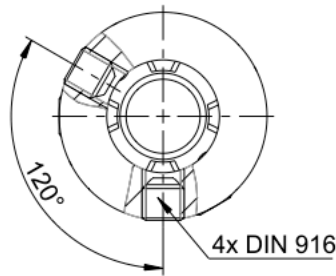
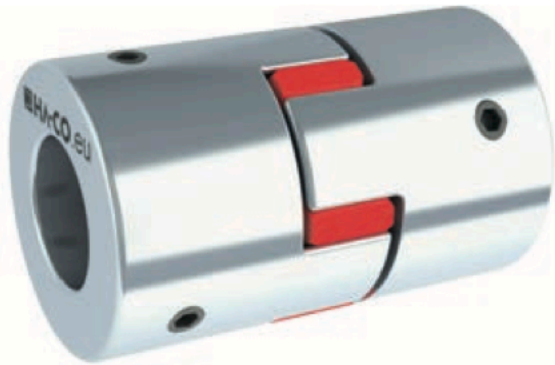


## Elastomerkupplung SKM mit Nabe und Gewindestifte

## Elastomer coupling SKM hub with set screws



### Merkmale

- Nabe aus hochfestem Aluminium
- Radiale Klemmschraube
- Spielfreie Drehmomentübertragung durch Vorspannung
- Montagefreundlich, da steckbar
- Elektrisch isolierend
- Optimales Dämpfungsverhalten durch Elastomersterne in 98° Shore A Ausführung
- Hohe Temperaturbeständigkeit
- Niedriges Massenträgheitsmoment
- Ideal für Servomotoren
- Ausgleich von radialem, axialem und winkligem Versatz
- Weitere Elastomersterne härten lieferbar
- Sonderausführungen auf Anfrage

### Bestellbezeichnung / Beispiel:

SKM-17 - 20H7 - 22H7 - A - 92 Sh A - U  
Type+Größe Bohrung Bohrung Material Elastomerstern Stern  
D1 D2 ungebohrt

### Characteristics

- Hub made of high strength aluminium
- Radial clamping screw
- Backlash-free torque transmission
- Easy assembly, connectible
- Electrically isolating
- Optimum damping behavior by spider(s) 98° Shore A execution
- High level of thermal stability
- Very low mass moment of inertia
- Ideal for servomotors
- Compensation of radial, axial and angular misalignment
- Various kinds of elastomer hardness of spiders
- Customized execution on demand

### Order description / example:

SKM-17 - 20H7 - 22H7 - A - 92 Sh A - U  
Type+Size Bore Bore Material Elastomer Star Star  
D1 D2 undrilled

### Standard Optionen / Standardized options



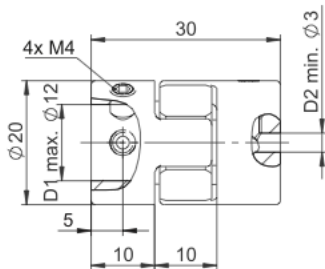
Material/material  
 S=Stahl/steel  
 E=Edelstahl/stainless steel

Shore Typ Elastomerstern/shore type elastomer spider  
 80 Sh A, 92 Sh A, 64 Sh D-H, 64 Sh D

Elastomerstern/elastomer spider  
 G=gebohrt/G=drilled

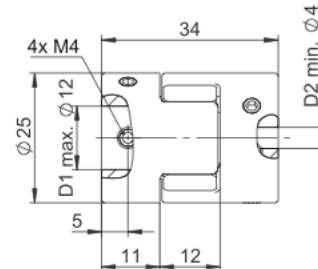
Gewünschte Optionen müssen im Bestelltext angegeben werden (Legende Symbole S. 7). Desired options have to be mentioned in the order text (key symbols p. 7).

### SKM-5

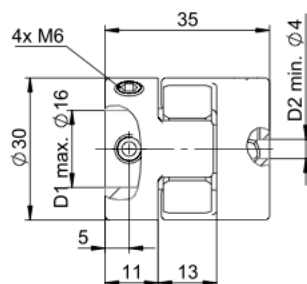


R	B	Y	G		R	B	Y	G
5	1.8	3	6	Nennmoment [Nm] Nominal torque [Nm]	9	3	5	12
10	3.6	6	12	Maximalmoment [Nm] Max. torque [Nm]	18	6	10	24
51	17	31	74	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	241	84	160	328
518	125	262	796	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	846	274	470	1198
0.08	0.19	0.13	0.05	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.08	0.20	0.14	0.05
0.9	1.1	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.1	1.0	0.8
+0.8/-0.4				Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+0.9/-0.4			
24000				max. Drehzahl [rpm] max. speed [rpm]	19000			
4.0				Anzugsmoment der Schrauben M <sub>A</sub> [Nm] Tightening torque of screws M <sub>A</sub> [Nm]	4.0			

### SKM-9



### SKM-12



R	B	Y	G		R	B	Y	G
12.5	4	7.5	16	Nennmoment [Nm] Nominal torque [Nm]	17	5	10	21
25	8	15	32	Maximalmoment [Nm] Max. torque [Nm]	34	10	20	42
172	60	115	234	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	860	340	570	1240
654	153	336	856	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	2010	582	1120	2930
0.09	0.21	0.15	0.06	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.06	0.15	0.10	0.04
0.9	1.1	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.1	1.0	0.8
+1.0/-0.5				Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+1.2/-0.5			
16000				max. Drehzahl [rpm] max. speed [rpm]	12000			
9.0				Anzugsmoment der Schrauben M <sub>A</sub> [Nm] Tightening torque of screws M <sub>A</sub> [Nm]	12.0			

### SKM-17

