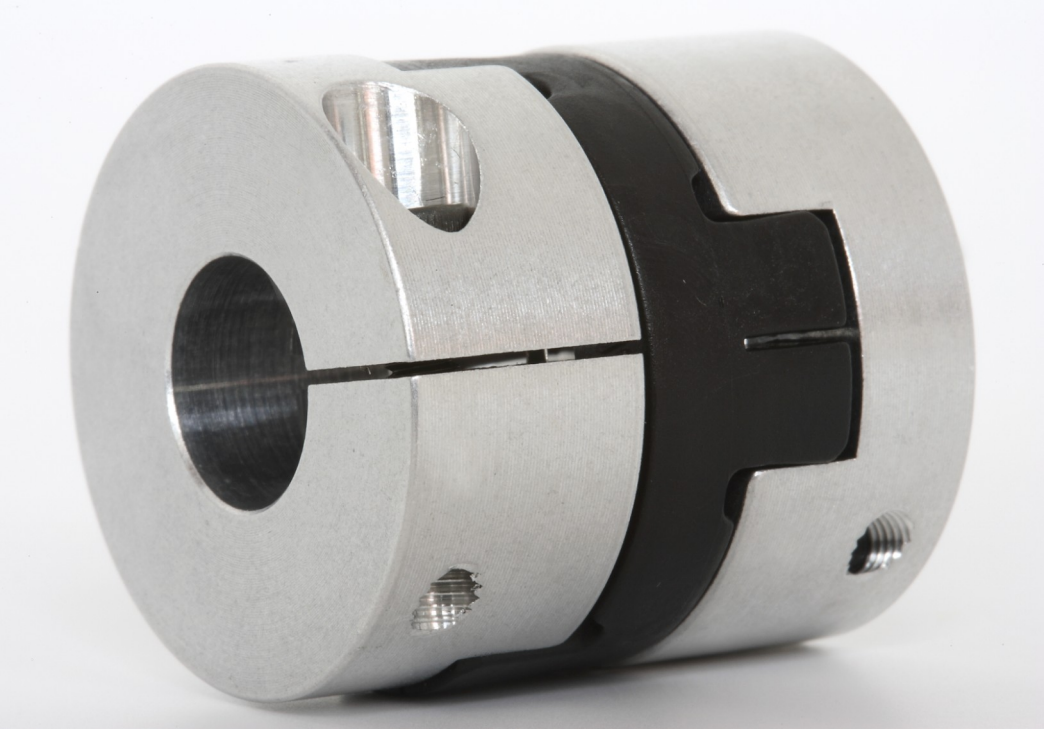
KSK - Datenblatt

In this Datasheet you can find information about our Old-Ham-Couplings (KSK).

The torsion resistant Old-Ham-Couplings type KSK developed by VMA is characterized by torsion stiff transmission of torques without clearance. The essential party of this unit are the adjustable light metal hubs (aluminum), and an intermediate piece made of polyacetal with through-bore that fits the preassembled hubs even at extreme demands such as high numbers of revolutions and torsion stiffness. VMA Old-Ham-Couplings work free from clearance due to the spring tension in the intermediate piece.



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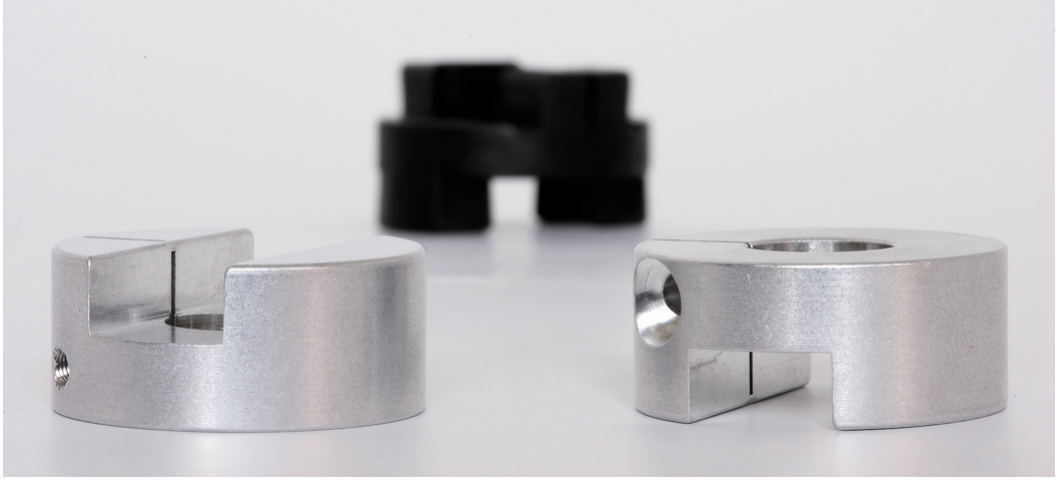
KSK - Datasheet

Another outstanding feature of the construction is the through-bore of the intermediate piece. The ends of the shafts can nearly touch one another. For over fifteen years, VMA Old-Ham-Couplings have been in use trouble-free in machine tools, printing machines, robots, machines for textile industry, transfer streets and many other applications.



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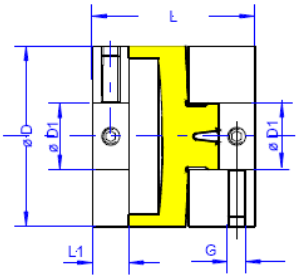
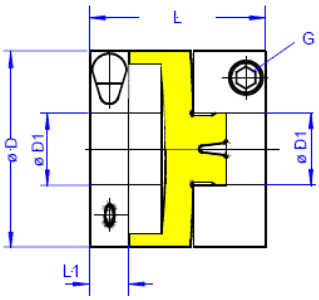
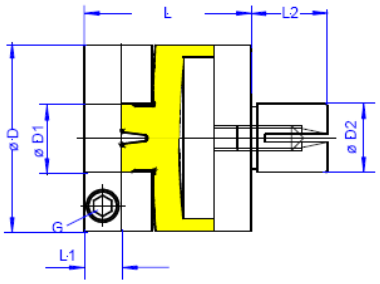


A-Hub KSK AA



B-Hub KSK BB



C-Hub KSK BC

Old-Ham-Coupling KSK

Type		KSK AA			KSK BB			KSK BC		
Size		2	3	4	2	3	4	2	3	4
D	in mm	20	25	30	20	25	30	20	25	30
D1 ISO system of fits H7	in mm	3-10	3-14	5-16	3-8	3-10	3-12,7	3-8	3-10	3-12.7
D2 ISO … H7/h6	in mm							5-10	6-16	8-16
L	in mm	24	27	27	24	27	27	21,5	24	24
L1	in mm	5	6	6	5	6	6	5	6	6
L2	in mm							8	8	8
G DIN 912	in mm	M3	M3	M3	M2,5	M3	M3	M2,5	M3	M3
G1 DIN 913	in mm							M4	M4	M4
Max. fastening torque	in Nm	188	188	188	135	188	188	135	188	188
Installation wrench		DIN 912/913								
Amount of screws:		4	4	4	2	2	2	2	2	2
DIN 913		4	4	4				1	1	1
DIN 912					2	2	2	1	1	1

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KSK - Datasheet

A-Hub KSK AA

B-Hub KSK BB

C-Hub KSK BC

Old-Ham-Coupling KSK

Type		KSK AA			KSK BB			KSK BC		
Size		2	3	4	2	3	4	2	3	4
Technical Data										
Rated torque	in Ncm	30	80	150	30	80	150	30	80	150
Torsional stiffness	in 10^3*Nm/Rad	0,033	0,018	0,091	0,033	0,018	0,091	0,033	0,018	0,091
Mass (ca.)	in g	14	25	40	24	25	40	14	25	40
Moment of inertia	in 10^{-6} kg*m²	0,028	0,079	0,184	0,028	0,079	0,184	0,028	0,079	0,184
Permitted misalignment										
angular	in °	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
lateral	in mm	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
axial	in mm	0,2	0,3	0,3	0,2	0,3	0,3	0,2	0,3	0,3

Material: **Hubs: Al-alloy intermediate piece: Polyacetal**

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