
IKUSE WH Sliding-block coupling

Overview

An intermediate sliding block connects the two coupling halves and transmits torque through sliding engagement.

Construction and maintenance

Check the block material, fitting clearance and both bores for the selected construction. Inspect the block for wear.

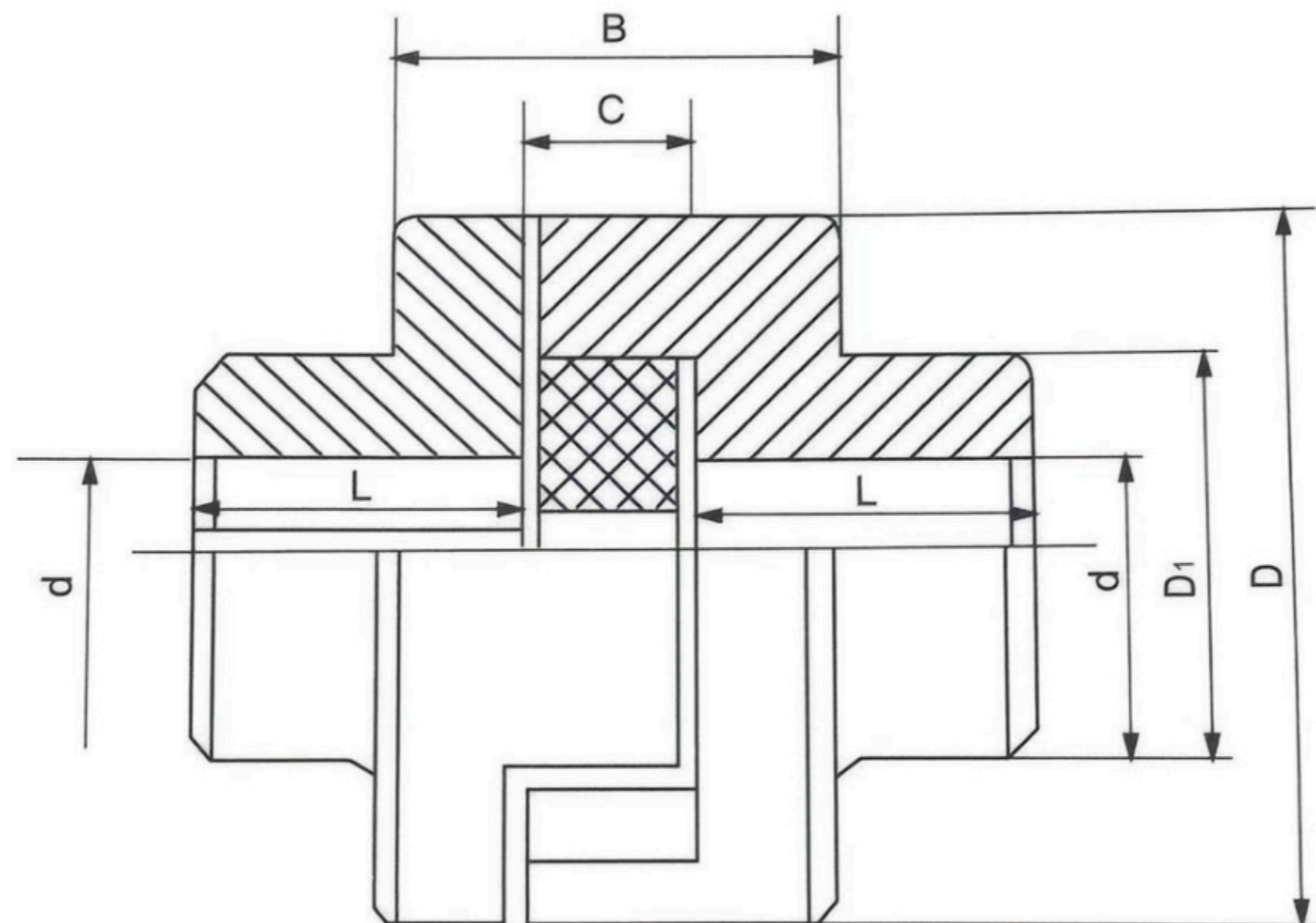
Technical specifications

Torque, speed, bores and installation dimensions must all correspond to the same size.

Ordering information

Specify power, operating speed, load characteristics, both shaft diameters and extension lengths, shaft-end separation and installation conditions. Include brake, dynamic-balancing and elastic-element requirements where applicable.

Structural diagram



Bores, shaft extensions, connection dimensions and installation spacing must correspond to the selected size.

Model	Nominal torque	Allowable speed	Bore diameter	Bore length		D	D ₁	B	C	Mass
	[T] N·m	[n] r/min	d	Y	J ₁					kg
WH1	16	10000	10-14	25-32	22-27	40	30	52	17	0.6
WH2	31.5	8200	12-18	32-42	27-30	50	32	56	22	1.5
WH3	63	7000	18-22	42-52	30-38	70	40	60	22	1.8
WH4	160	5700	20-28	52-62	38-44	80	50	64	22	2.5
WH5	280	4700	25-32	62-82	44-60	100	70	75	27	5.8
WH6	500	3800	30-45	82-112	60-84	120	80	90	37	9.5
WH7	900	3200	40-55	112	84	150	100	120	42	25
WH8	1800	2400	50-70	112-140	84-107	190	120	150	52	55
WH9	350	1600	65-85	142-172	107-132	250	150	180	62	85
WH10	500	1500	80-100	172-212	132-167	330	190	180	62	120

Notes

Linear dimensions are in mm; other units are given in the corresponding column headings. Check bores, shaft extensions and installation dimensions for the same size.

IKUSE SL Oldham coupling

Overview

An intermediate sliding block connects the two coupling halves and transmits torque through sliding engagement.

Construction and maintenance

Check the block material, fitting clearance and both bores for the selected construction. Inspect the block for wear.

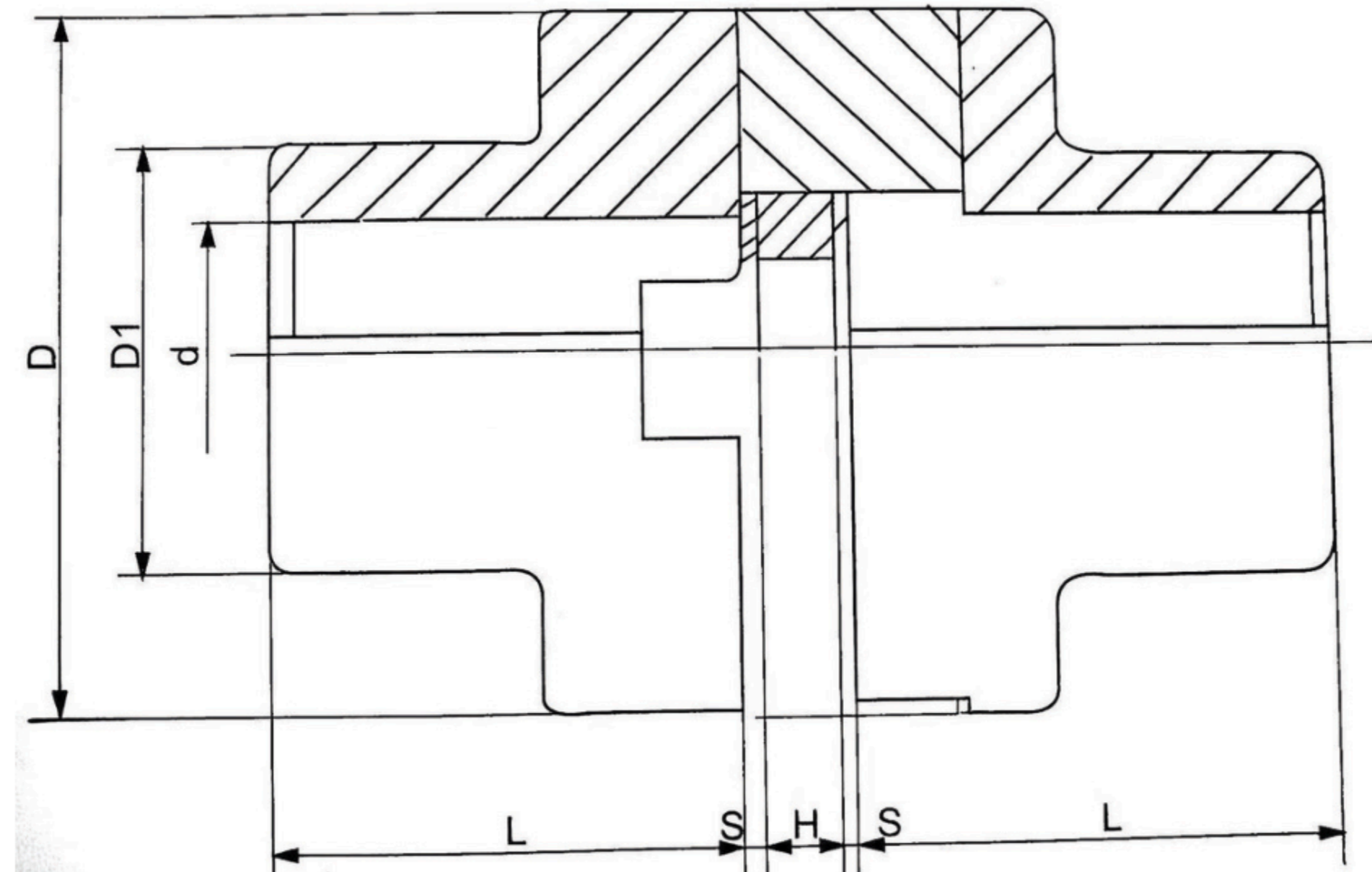
Technical specifications

Torque, speed, bores and installation dimensions must all correspond to the same size.

Ordering information

Specify power, operating speed, load characteristics, both shaft diameters and extension lengths, shaft-end separation and installation conditions. Include brake, dynamic-balancing and elastic-element requirements where applicable.

Structural diagram



Bores, shaft extensions, connection dimensions and installation spacing must correspond to the selected size.

Model	Nominal torque	Allowable speed	Bore diameter	D	D ₁	L	H	S	Mass moment of inertia	Mass
	[T] N·m	[n] r/min	d						kg·m²	kg
SL70	120	250	15-18	70	32	42	14	0.5	0.002	1.5
SL90	250	250	20-30	90	45	52	14	0.5	0.008	2.5
SL100	500	250	36-40	100	60	70	19	0.5	0.026	5.5
SL130	800	250	45-60	130	80	90	19	0.5	0.07	10
SL150	1250	250	55-60	100	95	112	19	0.5	0.14	15.5
SL170	2000	250	65-70	150	80	125	24	0.5	0.25	22.4
SL190	3200	250	75-80	170	105	140	29	0.5	0.5	31.5
SL210	5000	250	85-90	190	110	160	33	1	0.9	45
SL240	8000	250	95-100	210	130	180	33	1	1.6	59.5
SL260	9000	250	100-110	240	140	190	33	1	2	76
SL280	10000	100	110-120	260	160	200	33	1	3	94.3
SL300	13000	100	120-130	280	170	210	43	1	4.3	111
SL320	16000	100	130-140	300	190	220	43	1	5.7	129
SL340	20000	100	150	320	210	250	48	1	8.4	162
SL360	32500	100	160	340	240	280	48	1	19.2	258
SL400	38700	80	170	360	260	300	48	1	26.1	305
SL460	63000	70	200	400	300	350	58	1	62.9	560

Notes

Linear dimensions are in mm; other units are given in the corresponding column headings. Check bores, shaft extensions and installation dimensions for the same size.