

Universal joints

SKF universal joints, also known as pin and block couplings, are commonly used for low to medium torque industrial, off-road and agricultural applications.

These couplings offer an economical solution for applications up to 1 800 r/min and will provide working angles of up to 25% or 35% for manual drives. SKF offers these couplings with a solid bore from stock; bored to size, square, hexagonal and round bores on request. The couplings are available in either a single (UJMA) or double (UJMB) configuration.

Order data

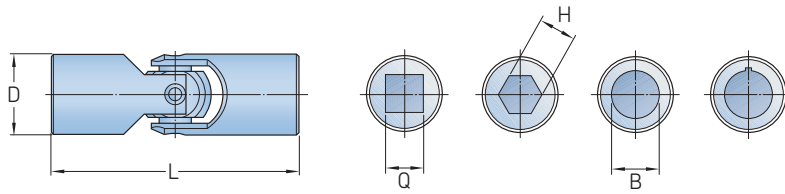
Universal joint type	Size	Qty
Single	PHE UJMA10	1
Double	PHE UJMB20	1

Available on request with finish bore, finish bore with keyway, hexagonal bore or square bore, e.g. the designations as shown below:

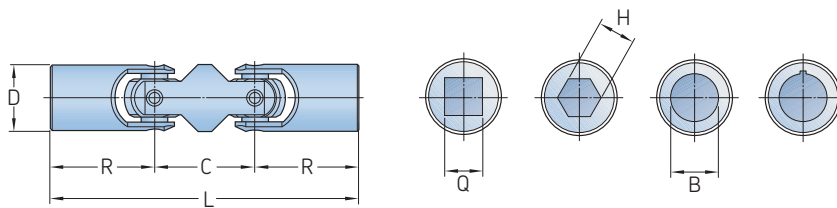
Universal joints with finish bore H7, with keyway (BSX30MM) – PHE UJMB45BSX30MM
Universal joints with finish bore H7, without keyway (X30MM) – PHE UJMB45X30MM
Universal joints with hexagonal bore (HBX30MM) – PHE UJMB45HBX30MM
Universal joints with square bore (SBX30MM) – PHE UJMB45SBX30MM

Universal joints

Single universal joints | Double universal joints



Size	Dimensions		Bore		Q	H	B Max.	B with keyway Max.	Static breaking torque	Designation
	L	D	B							
–	mm								Nm	–
10	38	10	6		6	6	6	–	13,5	PHE UJMA10
13	45	13	8		8	8	8	–	26,0	PHE UJMA13
16	52	16	8		8	8	10	8	45,0	PHE UJMA16
20	62	20	10		10	10	13	11	88,0	PHE UJMA20
25	74	25	12		12	12	16	14	180,0	PHE UJMA25
32	86	32	16		16	16	22	18	405,0	PHE UJMA32
40	108	40	20		20	20	25	22	860,0	PHE UJMA40
45	120	45	20		20	20	30	25	1 250,0	PHE UJMA45
50	132	50	25		25	25	35	30	1 730,0	PHE UJMA50
63	166	63	32		32	–	45	35	3 400,0	PHE UJMA63
75	190	75	40		40	–	55	45	5 300,0	PHE UJMA75



Size	Dimensions				Bore		B with keyway Max.	Q	H	Static breaking torque	Designation
	L	R	D	C	B						
–	mm									Nm	–
13	68	22,5	13	23	8	8	–	8	8	26	PHE UJMB13
16	77	26,0	16	25	8	10	8	8	8	45	PHE UJMB16
20	92	31,0	20	30	10	13	11	10	10	88	PHE UJMB20
25	110	37,0	25	36	12	16	14	12	12	180	PHE UJMB25
32	133	43,0	32	47	16	22	18	16	16	405	PHE UJMB32
40	164	54,0	40	56	20	25	22	20	20	860	PHE UJMB40
45	183	60,0	45	63	20	30	25	20	20	1 250	PHE UJMB45
50	202	66,0	50	70	25	35	30	25	25	1 730	PHE UJMB50
63	250	83,0	63	84	32	45	35	32	–	3 400	PHE UJMB63
75	290	95,0	75	100	40	55	45	40	–	5 300	PHE UJMB75