

Jaw Couplings Standard - JCS

Jaw couplings are comprised of 3 components. 2 Hubs and 1 Element (Spider). Hubs are available in either Steel, Aluminium or Cast Iron, dependent on size. Elements are produced to suit the hub sizes.



A Type Hub



B / C Type Hub
(C is longer version)



Complete Coupling with
Red Element



Elements : Red , Yellow or Black

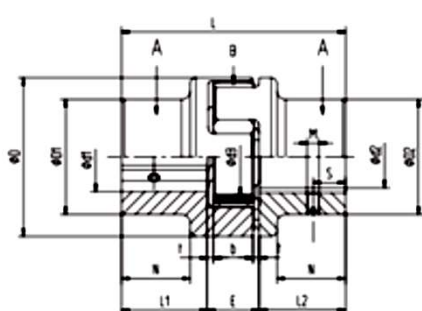
Characteristics		
Hub Materials	Aluminium / Steel / Cast Iron	C45 Steel / HT250 Cast Iron
Element Materials	Thermoplastic Polyurethane	Red = 98 Shore A Yellow = 92 Shore A Black = 94 Shore A
Working temperature (of Element)	Red : -40 to +110° C Yellow : -40 to + 80 ° C Black : -40 to +110° C	Short term temperature upper limit 120°C for Yellow, 130°C for others
Hub Options	A / B / C type Available unbored or pre-bored with keyway to h7 standard	

Continued

Part Number description

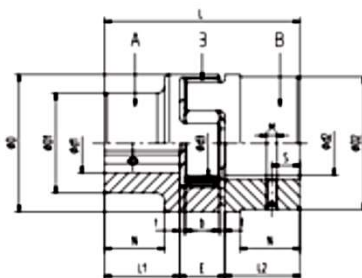
Example	JCS-24-A-ST-15h7
JCS	Jaw Coupling Standard
24	Size 24
A	A type hub
ST	Steel
15h7	Pre-bored to 15mm + keyway to h7 standard

Dimensional Data :

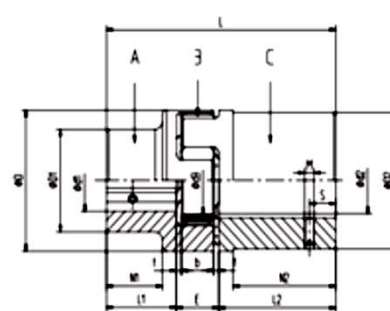


Standard Type

Type A Hub



Standard Oversized Type
Type B Hub (Right side)



Type C Hub (Right side)

			TECHNICAL CHARACTERISTICS														Weight (gm)
			d	Dimensions									Fixing Screw				
Generic	Material/Finish	Grade	min-max	L	L1.L2	E	b	t	D	D1.D2	N	d3	M	S	T (Nm)		
JCS-14-92ShA	TPU															10	
JCS-14-98ShA	TPU															10	
JCS-14-B-ST	STEEL	C45	0-16	35	11	13	10	1.5	30	30	-	10	m4	5	1.5	70	
JCS-14-B-ST-12h7	STEEL	C45	0-16	35	11	13	10	1.5	30	30	-	10	m4	5	1.5	70	
JCS-19-92ShA	TPU															10	
JCS-19-94ShA	TPU															10	
JCS-19-98ShA	TPU															10	
JCS-19-A-AL	ALUMINIUM		6-19	66	25	16	12	2	41	32	20	18	M5	10	2	80	
JCS-19-A-AL-10h7	ALUMINIUM		6-19	66	25	16	12	2	41	32	20	18	M5	10	2	80	
JCS-19-A-AL-12h7	ALUMINIUM		6-19	66	25	16	12	2	41	32	20	18	M5	10	2	80	
JCS-19-A-AL-14h7	ALUMINIUM		6-19	66	25	16	12	2	41	32	20	18	M5	10	2	80	
JCS-19-A-AL-19h7	ALUMINIUM		6-19	66	25	16	12	2	41	32	20	18	M5	10	2	80	
JCS-19-A-ST	STEEL	C45														210	
JCS-19-A-ST-15h7	STEEL	C45														210	
JCS-19-B-AL	ALUMINIUM		19-24	66	25	16	12	2	41	41	-	18	M5	10	2	110	
JCS-19-B-AL-24h7	ALUMINIUM		19-24	66	25	16	12	2	41	41	-	18	M5	10	2	110	
JCS-19-B-ST	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-12h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-14h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-15h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-16h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-19h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-20h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-24h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	
JCS-19-B-ST-25h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2	290	

JCS-24-92ShA	TPU																20
JCS-24-94ShA	TPU																20
JCS-24-98ShA	TPU																20
JCS-24-A-AL	ALUMINIUM	HT250	9-24	78	30	18	14	2	56	40	24	24	M5	10	2		150
JCS-24-A-AL-14h7	ALUMINIUM	HT250	9-24	78	30	18	14	2	56	40	24	24	M5	10	2		150
JCS-24-A-AL-19h7	ALUMINIUM	HT250	9-24	78	30	18	14	2	56	40	24	24	M5	10	2		150
JCS-24-A-AL-20h7	ALUMINIUM	HT250	9-24	78	30	18	14	2	56	40	24	24	M5	10	2		150
JCS-24-A-AL-24h7	ALUMINIUM	HT250	9-24	78	30	18	14	2	56	40	24	24	M5	10	2		150
JCS-24-B-AL	ALUMINIUM	HT250	22-28	78	30	18	14	2	56	56	-	27	M5	10	2		230
JCS-24-B-AL-25h7	ALUMINIUM	HT250	22-28	78	30	18	14	2	56	56	-	27	M5	10	2		230
JCS-24-B-AL-28h7	ALUMINIUM	HT250	22-28	78	30	18	14	2	56	56	-	27	M5	10	2		230
JCS-24-B-CI	CAST IRON	HT250															590
JCS-24-B-ST	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-14h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-16h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-19h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-20h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-22h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-24h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-25h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-28h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-B-ST-30h7	STEEL	C45	0-25	66	25	16	12	2	40	40	-	18	m5	10	2		630
JCS-24-C-ST	STEEL	C45	0-35	118	50	18	14	2	55	55	-	27	m5	10	2		1020
JCS-24-C-ST-24h7	STEEL	C45	0-35	118	50	18	14	2	55	55	-	27	m5	10	2		1020
JCS-24-C-ST-25h7	STEEL	C45	0-35	118	50	18	14	2	55	55	-	27	m5	10	2		1020
JCS-28-92ShA	TPU																30
JCS-28-94ShA	TPU																30
JCS-28-98ShA	TPU																30
JCS-28-A-AL	ALUMINIUM	HT250	10-28	90	35	20	15	2.5	66	48	28	30	M8	15	10		240
JCS-28-A-AL-25h7	ALUMINIUM	HT250	10-28	90	35	20	15	2.5	66	48	28	30	M8	15	10		240
JCS-28-A-AL-28h7	ALUMINIUM	HT250	10-28	90	35	20	15	2.5	66	48	28	30	M8	15	10		240
JCS-28-B-AL	ALUMINIUM	HT250	28-38	90	35	20	15	2.5	66	66	28	30	M8	15	10		370
JCS-28-B-AL-38h7	ALUMINIUM	HT250	28-38	90	35	20	15	2.5	66	66	28	30	M8	15	10		370
JCS-28-B-CI	CAST IRON	HT250															960
JCS-28-B-ST	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-19h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-20h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-22h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-24h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-25h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-28h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-30h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-32h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-35h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-B-ST-38h7	STEEL	C45	0-40	90	35	20	15	2.5	65	65	-	30	m8	15	10		1020
JCS-28-C-ST	STEEL	C45	0-40	140	60	20	15	2.5	65	65	-	30	M8	15	10		1690
JCS-28-C-ST-25h7	STEEL	C45	0-40	140	60	20	15	2.5	65	65	-	30	M8	15	10		1690
JCS-28-C-ST-38h7	STEEL	C45	0-40	140	60	20	15	2.5	65	65	-	30	M8	15	10		1690
JCS-38-92ShA	TPU																50
JCS-38-94ShA	TPU																50
JCS-38-98ShA	TPU																50
JCS-38-A-AL	ALUMINIUM	C45	12-48	114	45	24	18	3	80	66	37	38	M8	15	10		530
JCS-38-A-CI	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-24h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-25h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-28h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-30h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-32h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-35h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-38h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-CI-40h7	CAST IRON	HT250	12-40	114	45	24	18	3	80	66	37	38	M8	15	10		1360
JCS-38-A-ST	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-25h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-28h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-30h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-32h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-35h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-38h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-42h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-A-ST-45h7	STEEL	C45	0-48	114	45	24	18	3	80	70	27	38	M8	15	10		1450
JCS-38-B-AL	ALUMINIUM	C45	38-45	114	45	24	18	3	80	79	37	38	M8	15	10		680
JCS-38-B-CI	CAST IRON	HT250	38-48	114	45	24	18	3	80	79	37	38	M8	15	10		1760
JCS-38-B-CI-40h7	CAST IRON	HT250	38-48	114	45	24	18	3	80	79	37	38	M8	15	10		1760
JCS-38-B-CI-42h7	CAST IRON	HT250	38-48	114	45	24	18	3	80	79	37	38	M8	15	10		1760
JCS-38-B-ST	STEEL	C45															
JCS-38-C-CI	CAST IRON	HT250	12-48	164	70	24	18	3	80	79	62	38	M8	15	10		2660
JCS-38-C-ST	STEEL	C45	0-48	164	70	24	18	3	80	80	-	38	M8	15	10		2840

JCS-42-92ShA	TPU																80
JCS-42-94ShA	TPU																80
JCS-42-98ShA	TPU																80
JCS-42-A-AL-25h7	ALUMINIUM	C45	14-42	126	50	26	20	3	95	75	40	46	M8	20	10		680
JCS-42-A-CI	CAST IRON	HT250	14-45	126	50	26	20	3	95	75	40	46	M8	20	10		2030
JCS-42-A-CI-25h7	CAST IRON	HT250	14-45	126	50	26	20	3	95	75	40	46	M8	20	10		2030
JCS-42-A-CI-32h7	CAST IRON	HT250	14-45	126	50	26	20	3	95	75	40	46	M8	20	10		2030
JCS-42-A-CI-38h7	CAST IRON	HT250	14-45	126	50	26	20	3	95	75	40	46	M8	20	10		2030
JCS-42-A-CI-40h7	CAST IRON	HT250	14-45	126	50	26	20	3	95	75	40	46	M8	20	10		2030
JCS-42-A-CI-42h7	CAST IRON	HT250	14-45	126	50	26	20	3	95	75	40	46	M8	20	10		2030
JCS-42-A-ST	STEEL	C45	0-55	126	50	26	20	3	95	85	28	46	M8	20	10		2160
JCS-42-A-ST-38h7	STEEL	C45	0-55	126	50	26	20	3	95	85	28	46	M8	20	10		2160
JCS-42-A-ST-40h7	STEEL	C45	0-55	126	50	26	20	3	95	85	28	46	M8	20	10		2160
JCS-42-A-ST-42h7	STEEL	C45	0-55	126	50	26	20	3	95	85	28	46	M8	20	10		2160
JCS-42-A-ST-48h7	STEEL	C45	0-55	126	50	26	20	3	95	85	28	46	M8	20	10		2160
JCS-42-B-CI	CAST IRON	HT250	42-55	126	50	26	20	3	95	94	40	46	M8	20	10		2770
JCS-42-B-CI-48h7	CAST IRON	HT250	42-55	126	50	26	20	3	95	94	40	46	M8	20	10		2770
JCS-42-B-ST	STEEL	C45															
JCS-42-C-CI	CAST IRON	HT250	14-55	176	75	26	20	3	95	94	65	46	M8	20	10		4040
JCS-42-C-ST	STEEL	C45	0-55	176	75	26	20	3	95	95	-	46	M8	20	10		4320
JCS-42-C-ST-55h7	STEEL	C45	0-55	176	75	26	20	3	95	95	-	46	M8	20	10		4320
JCS-48-92ShA	TPU																100
JCS-48-94ShA	TPU																100
JCS-48-98ShA	TPU																100
JCS-48-A-CI	CAST IRON	HT250	15-52	140	56	28	21	3.5	105	85	45	51	M8	20	10		2840
JCS-48-A-ST	STEEL	C45	0-62	140	56	28	21	3.5	105	95	32	51	M8	20	10		3040
JCS-48-B-CI	CAST IRON	HT250	48-62	140	56	28	21	3.5	105	104	45	51	M8	20	10		3670
JCS-48-B-ST	STEEL	C45															
JCS-48-C-CI	CAST IRON	HT250	15-62	188	80	28	21	3.5	105	104	69	51	M8	20	10		5110
JCS-55-92ShA	TPU																140
JCS-55-94ShA	TPU																140
JCS-55-98ShA	TPU																140
JCS-55-A-CI	CAST IRON	HT250	20-60	160	65	30	22	4	120	98	52	60	M10	20	17		4330
JCS-55-A-CI-40h7	CAST IRON	HT250	20-60	160	65	30	22	4	120	98	52	60	M10	20	17		4330
JCS-55-A-CI-55h7	CAST IRON	HT250	20-60	160	65	30	22	4	120	98	52	60	M10	20	17		4330
JCS-55-A-ST	STEEL	C45	0-74	160	65	30	22	4	120	110	37	60	M10	20	17		4620
JCS-55-A-ST-35h7	STEEL	C45	0-74	160	65	30	22	4	120	110	37	60	M10	20	17		4620
JCS-55-B-CI	CAST IRON	HT250	55-74	160	65	30	22	4	120	118	52	60	M10	20	17		5630
JCS-55-C-ST	STEEL	C45	0-74	210	90	30	22	4	120	120	-	60	M10	20	17		8150
JCS-55-C-ST-55h7	STEEL	C45	0-74	210	90	30	22	4	120	120	-	60	M10	20	17		8150
JCS-65-92ShA	TPU																190
JCS-65-94ShA	TPU																190
JCS-65-98ShA	TPU																190
JCS-65-A-CI	CAST IRON	HT250	20-70	185	75	35	26	4.5	135	115	61	68	M10	20	17		6670
JCS-65-A-ST	STEEL	C45	0-80	185	75	35	26	4.5	135	115	47	68	M10	20	17		7130
JCS-65-C-ST	STEEL	C45	0-80	235	100	35	26	4.5	135	135	-	68	M10	25	17		11390
JCS-75-92ShA	TPU																360
JCS-75-94ShA	TPU																360
JCS-75-98ShA	TPU																360
JCS-75-A-CI	CAST IRON	HT250	30-80	210	85	40	30	5	160	135	69	80	M10	25	17		10320
JCS-90-92ShA	TPU																630
JCS-90-94ShA	TPU																630
JCS-90-98ShA	TPU																630
JCS-90-A-CI	CAST IRON	HT250	40-97	245	100	45	34	5.5	200	160	81	100	M12	30	40		17560