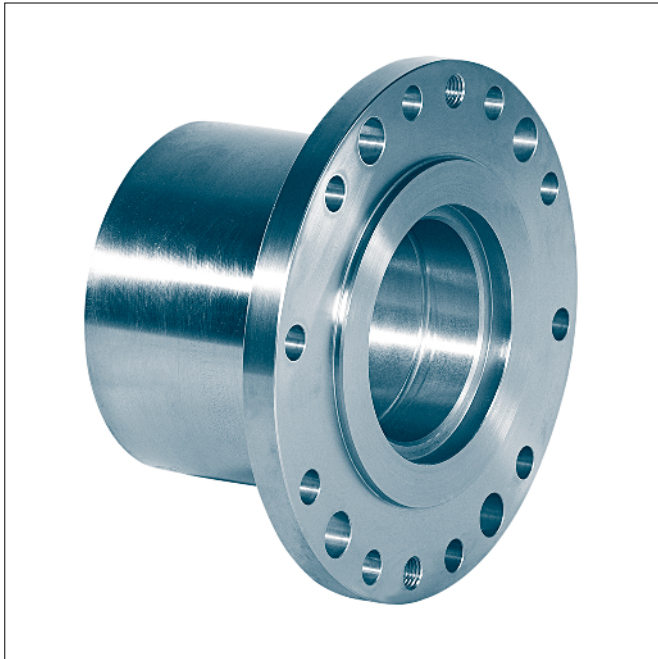


Connection flanges for articulated shafts

for driven wheel sets acc. to DIN 15 090

DIN 15452



Form B with bore d_5

Designation of a connection flange form B for articulated shaft size 285 with bore $d_7 = 120$ mm:

Anschlussflansch DIN 15452 - B 285 × 120

Form A without bore d_5

Form B with bore d_5

The connection flanges as per this standard are to use for the connection of articulated shafts as per DIN 15 451 to the driven wheel sets as per DIN 15 090. The use is in cranes to apply the torque from the gear unit to the crane wheel.

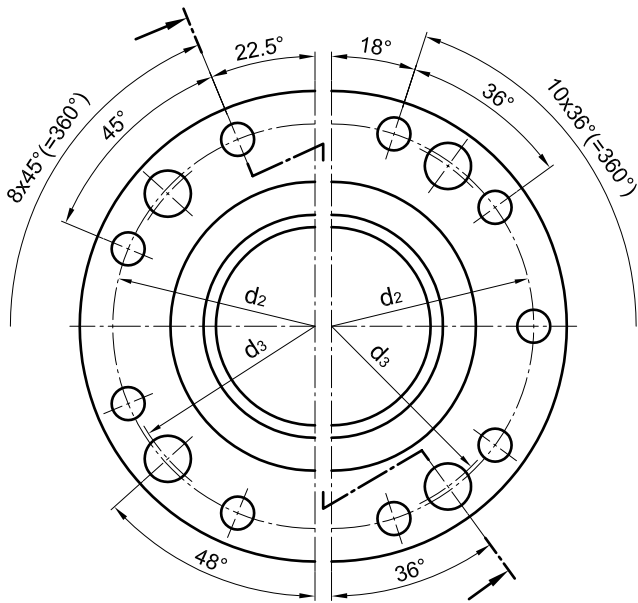
Material: C45 or
C60 or
42CrMo4+QT (42CrMo4 V)

Other material and dimensions on request.

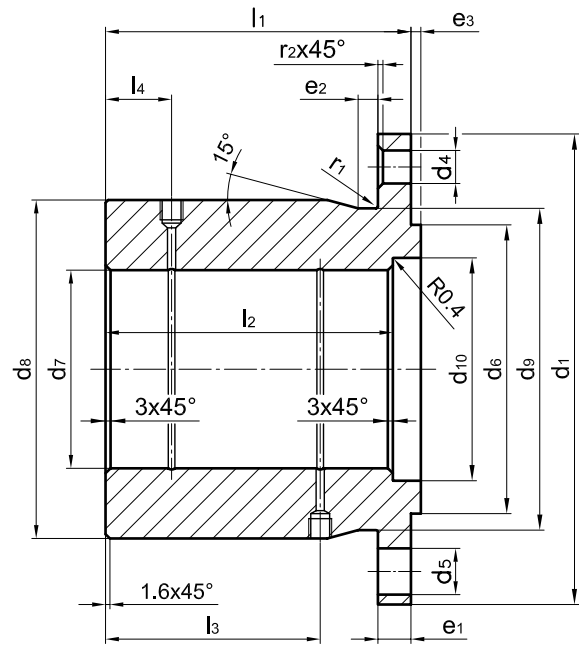
Connection flanges for articulated shafts

for driven wheel sets as per DIN 15090

DIN 15452



view left side
size of articulated shaft 150 – 315



view right side
size of articulated shaft 350 – 435

size of articulated shaft d_1	d_7	d_2	d_3	d_4	tolerance	d_5	d_6	d_8	d_9	d_{10}	e_1	e_2	e_3	l_1	l_2	l_3	l_4	r_1	r_2	weight		
	H7	$\pm 0,1$	$\pm 0,1$			H12	h9		$+0,5$ 0													a [kg]
150	70	130	126	12	$+0,4$ $+0,1$	16	90	108	100	82	10	8	2	115	106	74	25	1	1	4,8		
180	80	155,5	152	14	$+0,4$ $+0,1$	20	110	130	122	97	12	8	2	130	121	85	30	1	1	8,6		
225	90	196	192	16	$+0,4$ $+0,1$	21	140	165	157	120	15	12	4	140	134	90	30	1,2	1	16,6		
	100													154	110	35	20					
250	100	218	214	18	$+0,4$ $+0,1$	25	140	175	173	128	18	12	5	160	154	115	35	1,2	1	23		
	110													20	12	35	20					
285	100	245	240	20	$+0,5$ $+0,1$	28	175	190	190	135	20	-	6	160	154	115	35	1,6	1	34		
	110							205	195	135				12	185	174	130			40	1,2	32
	120							205	195	135				12	185	174	130			40	1,2	38
	130							205	195	135				12	185	174	130			40	1,2	35
315	110	280	270	22	$+0,5$ $+0,1$	30	175	210	210	155	22	-	6	185	174	130	40	4	1	39		
	120							210	210	155				12	215	204	155			50	1,6	41
	130							210	210	155				12	215	204	155			50	1,6	38
	140							210	210	155				12	215	204	155			50	1,6	48
350	130	310	300	22	$+0,5$ $+0,1$	32	220	210	210	155	25	-	7	185	174	130	40	6	1,6	44		
	140							210	210	155				16	215	204	145			50	1,6	72
	160							210	210	155				16	215	204	145			50	1,6	64
390	140	345	340	24	$+0,6$ $+0,1$	32	250	260	260	185	23	-	7	215	204	155	50	6	1,6	78		
	160							260	260	185				16	265	254	190			60	2,5	70
	180							260	260	185				16	265	254	190			60	2,5	94
435	180	385	378	27	$+0,6$ $+0,1$	35	280	310	310	225	32	-	9	265	254	190	60	6	1,6	125		