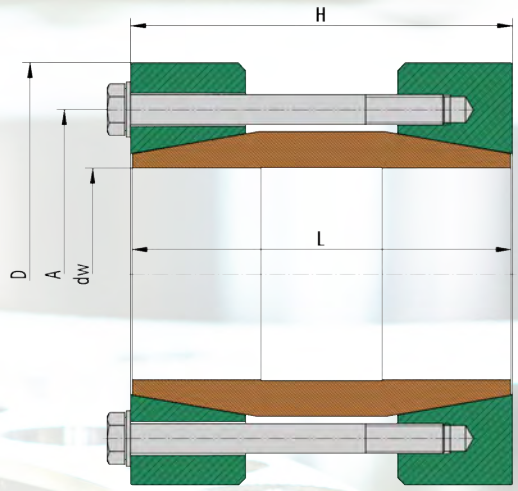
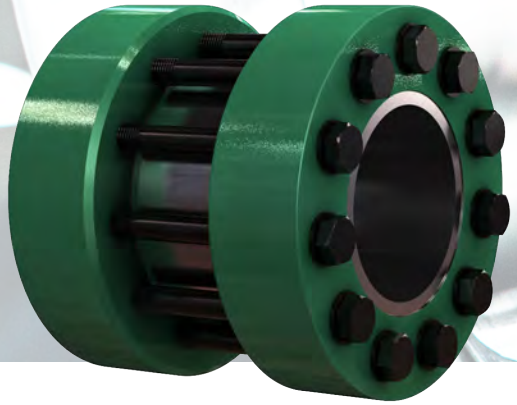
WLB



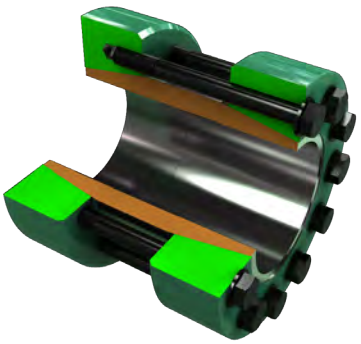


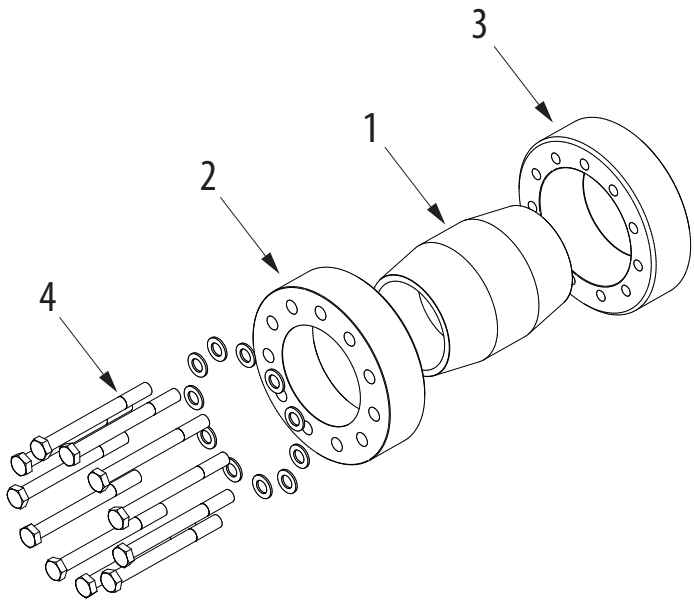
Used symbols			
d_w	[mm]	Shaft diameter	
M_{max}	[Nm]	max. transmittable torque	F_{ax} = 0
F_{ax}	[kN]	max. transmittable axial force	M_t = 0
D	[mm]	Outer diameter of coupling	
L	[mm]	Length of sleeve	
H	[mm]	Width of shaft coupling	
A	[mm]	Pitch circle diameter of bolting	
M_A		Required tightening torque of clamping screws	
Z		Number of screws	
S		Size of screws	
p_W	[N/mm²]	Average contact pressure on the shaft	

Design of the disc	
d < 070	Discs lightly oiled without washers
d ≥ 070	Discs painted with washers

Dimensions H & e in unlocked position

Pos.	Designation
1	Sleeve
2	Pressure ring G
3	Pressure ring DG
4	Screw





Ordering example: **TAS WLB-Typ/d/D** (e.g: TAS WLB200/150/200 ... further sizes on request)

WLB

Type	d_w	M_{max}	F_{ax}	D	L	H	A	M_A	Z	S	DIN	Class	pw	Weight
	mm	Nm	kN	mm	mm	mm	mm	mm	Pcs.				N/mm²	Kg
WLB015	13	70	11	55	50	53	37	6	7	M5 x 45	933	10.9	83	0,5
WLB015	15	150	20	55	50	53	37	6	7	M5 x 45	933	10.9	126	0,5
WLB015	17	180	21	55	50	53	37	6	7	M5 x 45	933	10.9	160	0,5
WLB020	18	200	22	60	54	57	42	12	8	M6 x 50	931	10.9	213	0,7
WLB020	20	270	27	60	54	57	42	12	8	M6 x 50	931	10.9	241	0,7
WLB020	22	350	31	60	54	57	42	12	8	M6 x 50	931	10.9	266	0,7
WLB025	23	370	32	66	62	65	48	12	8	M6 x 55	931	10.9	178	0,8
WLB025	25	470	37	66	62	65	48	12	8	M6 x 55	931	10.9	197	0,8
WLB025	27	600	44	66	62	65	48	12	8	M6 x 55	931	10.9	214	0,8
WLB030	28	540	38	76	70	73	54	12	10	M6 x 60	931	10.9	164	1,3
WLB030	30	670	44	76	70	73	54	12	10	M6 x 60	931	10.9	165	1,3
WLB030	32	750	46	76	70	73	54	12	10	M6 x 60	931	10.9	179	1,3
WLB035	33	750	45	80	75	79	62	12	12	M6 x 65	931	10.9	168	1,5
WLB035	35	900	51	80	75	79	62	12	12	M6 x 65	931	10.9	180	1,5
WLB035	37	1050	56	80	75	79	62	12	12	M6 x 65	931	10.9	190	1,5
WLB040	38	1250	65	98	80	84	71	30	8	M8 x 75	931	10.9	175	2,5
WLB040	40	1550	77	98	80	84	71	30	8	M8 x 75	931	10.9	184	2,5
WLB040	43	1850	86	98	80	84	71	30	8	M8 x 75	931	10.9	196	2,5
WLB050	44	2200	100	115	90	94	86	59	8	M10 x 80	931	10.9	189	4
WLB050	50	3300	132	115	90	94	86	59	8	M10 x 80	931	10.9	200	4
WLB050	54	3800	140	115	90	94	86	59	8	M10 x 80	931	10.9	212	4
WLB060	55	4050	147	125	120	124	98	59	10	M10 x 110	931	10.9	177	5,3
WLB060	60	5100	170	125	120	124	98	59	10	M10 x 110	931	10.9	190	5,3
WLB060	64	6100	190	125	120	124	98	59	10	M10 x 110	931	10.9	198	5,3
WLB070	65	6500	200	148	140	142	112	59	12	M10 x 120	931	10.9	172	8,4
WLB070	70	8200	234	148	140	142	112	59	12	M10 x 120	931	10.9	181	8,4
WLB070	74	9000	243	148	140	142	112	59	12	M10 x 120	931	10.9	188	8,4
WLB080	75	10500	280	170	170	175	130	100	12	M12 x 150	931	10.9	73	13,1
WLB080	80	12300	307	170	170	175	130	100	12	M12 x 150	931	10.9	186	13,1
WLB080	84	14000	333	170	170	175	130	100	12	M12 x 150	931	10.9	192	13,1
WLB090	85	14200	334	185	200	202	145	250	7	M16 x 180	931	10.9	166	17
WLB090	90	16400	364	185	200	202	145	250	7	M16 x 180	931	10.9	173	17
WLB090	94	18000	383	185	200	202	145	250	7	M16 x 180	931	10.9	177	17
WLB100	95	19100	402	200	210	215	158	250	9	M16 x 180	931	10.9	186	21
WLB100	100	23100	462	200	210	215	158	250	9	M16 x 180	931	10.9	191	21
WLB100	104	26000	500	200	210	215	158	250	9	M16 x 180	931	10.9	195	21
WLB110	105	28500	542	217	220	222	170	250	12	M16 x 190	931	10.9	214	27
WLB110	110	32000	581	217	220	222	170	250	12	M16 x 190	931	10.9	218	27
WLB110	114	35000	614	217	220	222	170	250	12	M16 x 190	931	10.9	221	27
WLB120	115	38500	669	235	230	235	184	250	13	M16 x 200	931	10.9	199	33
WLB120	120	43500	725	235	230	235	184	250	13	M16 x 200	931	10.9	200	33
WLB120	124	46000	742	235	230	235	184	250	13	M16 x 200	931	10.9	204	33
WLB130	125	47500	760	267	240	242	206	490	10	M20 x 200	931	10.9	196	45
WLB130	130	55000	846	267	240	242	206	490	10	M20 x 200	931	10.9	199	45
WLB130	134	58000	865	267	240	242	206	490	10	M20 x 200	931	10.9	202	45

WLB

Type mm	d_w mm	M_{max} Nm	F_{ax} kN	D mm	L mm	H mm	A mm	M_A mm	Z Pcs.	S	DIN	Class	pw N/mm²	Weight Kg
WLB140	135	62000	918	280	250	252	218	490	11	M20 x 210	931	10.9	194	55
WLB140	140	67000	957	280	250	252	218	490	11	M20 x 210	931	10.9	196	55
WLB140	144	71000	986	280	250	252	218	490	11	M20 x 210	931	10.9	198	55
WLB150	145	73000	1006	302	265	267	230	490	12	M20 x 220	931	10.9	186	70
WLB150	150	78000	1040	302	265	267	230	490	12	M20 x 220	931	10.9	188	70
WLB150	154	82000	1065	302	265	267	230	490	12	M20 x 220	931	10.9	190	70
WLB160	155	82000	1058	315	280	285	242	490	13	M20 x 230	931	10.9	180	80
WLB160	160	88000	1100	315	280	285	242	490	13	M20 x 230	931	10.9	182	80
WLB160	165	97000	1175	315	280	285	242	490	13	M20 x 230	931	10.9	184	80
WLB180	166	108000	1301	345	310	312	265	490	16	M20 x 250	931	10.9	179	105
WLB180	180	132000	1465	345	310	312	265	490	16	M20 x 250	931	10.9	181	105
WLB180	185	140000	1513	345	310	312	265	490	16	M20 x 250	931	10.9	183	105
WLB200	186	153000	1645	375	350	355	295	490	20	M20 x 280	931	10.9	174	135
WLB200	200	184000	1840	375	350	355	295	490	20	M20 x 280	931	10.9	178	135
WLB200	210	204000	1943	375	350	355	295	490	20	M20 x 280	931	10.9	182	135
WLB220	211	214000	2028	410	390	392	320	840	18	M24 x 320	931	10.9	191	180
WLB220	220	240000	2180	410	390	392	320	840	18	M24 x 320	931	10.9	193	180
WLB220	230	260000	2260	410	390	392	320	840	18	M24 x 320	931	10.9	196	180
WLB240	231	280000	2424	435	430	435	350	840	20	M24 x 340	931	10.9	182	210
WLB240	240	305000	2540	435	430	435	350	840	20	M24 x 340	931	10.9	184	210
WLB240	250	334000	2672	435	430	435	350	840	20	M24 x 340	931	10.9	185	210
WLB260	251	390000	3108	515	450	452	380	1250	20	M27 x 360	931	10.9	204	345
WLB260	260	425000	3270	515	450	452	380	1250	20	M27 x 360	931	10.9	206	345
WLB260	270	465000	3444	515	450	452	380	1250	20	M27 x 360	931	10.9	208	345