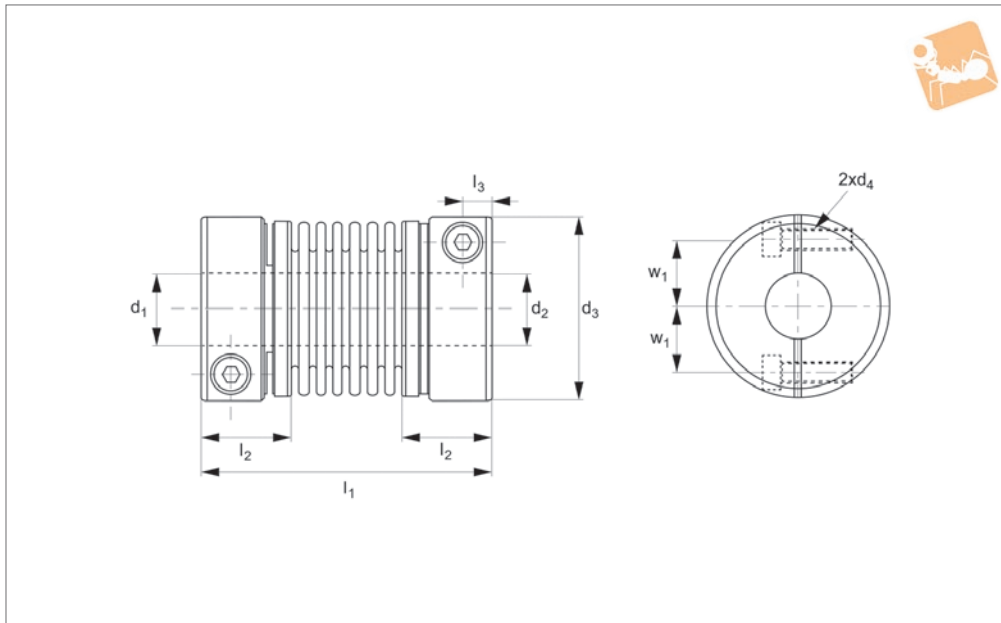
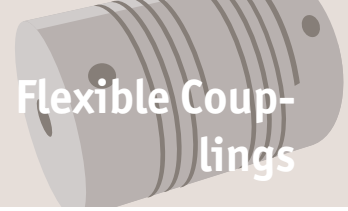




# Bellows Coupling - Stainless steel clamp fixing

## Flexible Couplings



**R3010.1**

FLEXIBLE COUPLINGS

### Material

Mainframe: Stainless steel SUS303  
Bellows: Stainless steel SUS316

in an angular, parallel or axial directions are shown in the table below. Misalignment occurring in two or more directions simultaneously will reduce these values by half.

### Tips

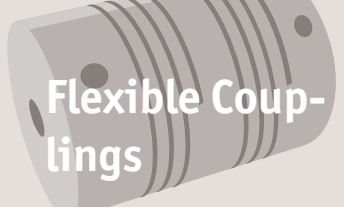
Other combinations of  $d_1$  and  $d_2$  available on request.

### Technical Notes

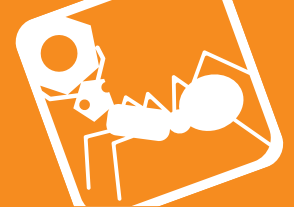
Individual misalignment values permitted

Order No.	$d_1$ & $d_2$ tol. h8	$d_3$	$d_4$	$l_1$	$l_2$	$l_3$	w	Allowable misalignment (angular) °	Allowable misalignment (axial) mm	Weight g
R3010.012-04-04	4	12	M 2	23.5	7.5	2.3	4	1.5	+0,4 -1,2	9
R3010.012-05-05	5	12	M 2	23.5	7.5	2.3	4	1.5	+0,4 -1,2	9
R3010.016-04-04	4	16	M2,5	26.5	9	3	5	1.5	+0,4 -1,2	22
R3010.016-05-05	5	16	M2,5	26.5	9	3	5	1.5	+0,4 -1,2	22
R3010.016-06-06	6	16	M2,5	26.5	9	3	5	1.5	+0,4 -1,2	22
R3010.020-05-05	5	20	M2,5	32.0	10	3.5	6.5	2.0	+0,6 -1,8	38
R3010.020-06-06	6	20	M2,5	32.0	10	3.5	6.5	2.0	+0,6 -1,8	38
R3010.020-08-08	8	20	M2,5	32.0	10	3.5	6.5	2.0	+0,6 -1,8	38
R3010.025-06-06	6	25	M 3	36.5	12	4.5	9	2.0	+0,6 -1,8	74
R3010.025-08-08	8	25	M 3	36.5	12	4.5	9	2.0	+0,6 -1,8	74
R3010.025-10-10	10	25	M 3	36.5	12	4.5	9	2.0	+0,6 -1,8	74
R3010.032-08-08	8	32	M 4	42.0	13.5	5	11	2.0	+0,8 -2,5	130
R3010.032-10-10	10	32	M 4	42.0	13.5	5	11	2.0	+0,8 -2,5	130
R3010.032-12-12	12	32	M 4	42.0	13.5	5	11	2.0	+0,8 -2,5	130
R3010.032-14-14	14	32	M 4	42.0	13.5	5	11	2.0	+0,8 -2,5	130

Order No.	Allowable misalignment (parallel) mm	Allowable wrench torque Nm	Clamping screw lock torque Nm	Moment of inertia kg·m <sup>2</sup>	rpm max.	Static torsional stiff- ness Nm/rad
R3010.012-04-04	0.10	0.5	0.5	2,1x10 <sup>-7</sup>	130 00	100
R3010.012-05-05	0.10	0.5	0.5	2,1x10 <sup>-7</sup>	130 00	100
R3010.016-04-04	0.10	1.0	1.0	8,1x10 <sup>-7</sup>	9500	150
R3010.016-05-05	0.10	1.0	1.0	8,1x10 <sup>-7</sup>	9500	150
R3010.016-06-06	0.10	1.0	1.0	8,1x10 <sup>-7</sup>	9500	150
R3010.020-05-05	0.15	1.5	1.0	2,3x10 <sup>-6</sup>	7700	220



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FLEXIBLE COUPLINGS

Order No.	Allowable misalignment (parallel) mm	Allowable wrench torque Nm	Clamping screw lock torque Nm	Moment of inertia kg·m <sup>2</sup>	rpm max.	Static torsional stiffness Nm/rad
R3010.020-06-06	0.15	1.5	1.0	2,3x10 <sup>-6</sup>	7700	220
R3010.020-08-08	0.15	1.5	1.0	2,3x10 <sup>-6</sup>	7700	220
R3010.025-06-06	0.15	2.0	1.5	6,9x10 <sup>-6</sup>	6100	330
R3010.025-08-08	0.15	2.0	1.5	6,9x10 <sup>-6</sup>	6100	330
R3010.025-10-10	0.15	2.0	1.5	6,9x10 <sup>-6</sup>	6100	330
R3010.032-08-08	0.20	3.0	2.5	2,1x10 <sup>-5</sup>	4800	490
R3010.032-10-10	0.20	3.0	2.5	2,1x10 <sup>-5</sup>	4800	490
R3010.032-12-12	0.20	3.0	2.5	2,1x10 <sup>-5</sup>	4800	490
R3010.032-14-14	0.20	3.0	2.5	2,1x10 <sup>-5</sup>	4800	490

