

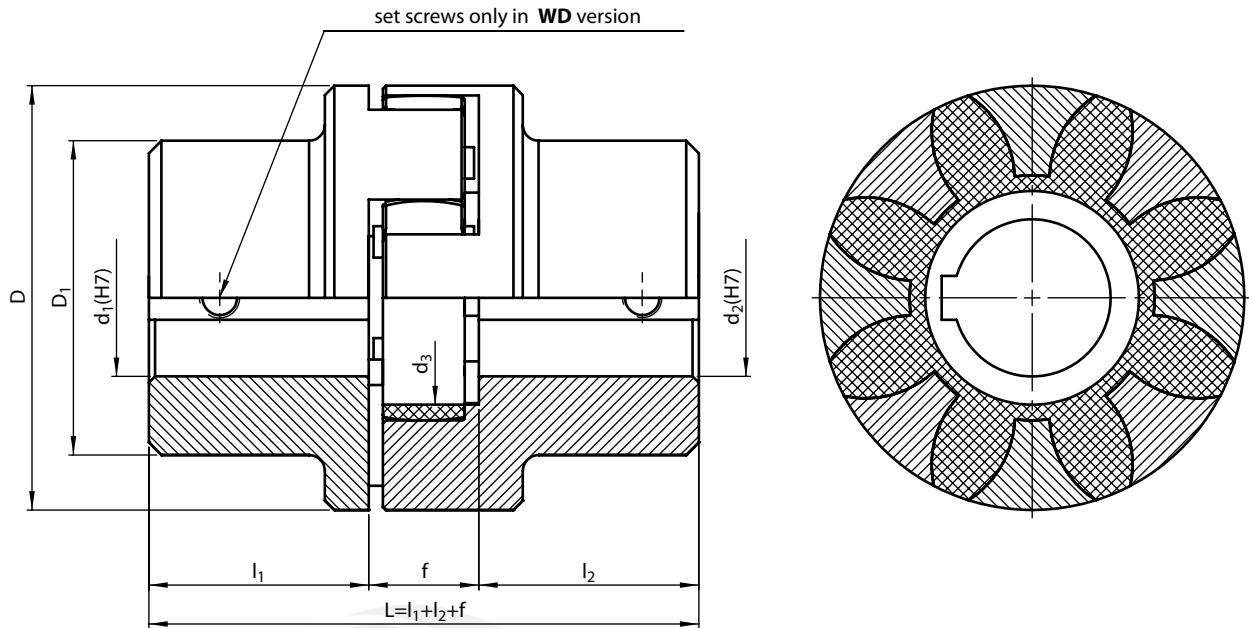
# ASR FLEXIBLE COUPLINGS

**Example of designation** of the ASR type coupling with the nominal torque of  $M_n=265$  Nm, hub holes diameters of  $d_1=32$  mm,  $d_2=40$ mm, hub holes lengths of  $l_1=50$  mm,  $l_2=80$  mm, size of 003: (marking see page A1-1)

## 265-32/50-40/80-003 ASR Flexible Coupling

- the version „Ex” - 265-32/50-40/80-003 ASR – **Ex** Flexible coupling
- the version “WD” - 265-32/50-40/80-003 ASR-**WD** Flexible coupling
- with lead holes - 265-**ow**/50-**ow**/80-003 ASR Flexible coupling

A1-3



Nominal torque $M_n$ Nm	$d_1, d_2$		$l_1, l_2$ <sup>1)</sup>		f	D	$D_1$	$d_3$	Max rotational speed $n_{max}$ 1/min	Moment of inertia <sup>2)</sup> I kgm <sup>2</sup>	Weight <sup>2)</sup> m kg	Coupling size and type
	initial	max	nomin.	extend.								
10	4	19	25	40	16	40	35	16	11500	0,0001	0,37	0002 ASR
35	6	24	30	50	18	55	40	27	10000	0,0002	0,57	0001 ASR
95	8	28	35	60	20	65	45	30	9000	0,0005	0,88	001 ASR
190	10	38	45	80	24	80	60	38	7100	0,0015	1,81	002 ASR
265	12	42	50	80	26	95	65	46	6000	0,0028	2,49	003 ASR
310	14	48	56	80	28	105	75	51	5300	0,005	3,55	004 ASR
410	16	55	65	90	30	120	85	60	4750	0,0095	5,23	005 ASR
625	18	65	75	110	35	135	100	68	4250	0,0183	7,83	006 ASR
975	22	75	85	140	40	160	120	80	3550	0,0422	12,9	007 ASR
2400	26	100	100	140	45	200	160	100	2800	0,132	25,1	008 ASR
3300	30	115	110	160	50	225	180	110	2500	0,233	34,3	009 ASR
4800	30	125	120	170	55	255	200	127	2200	0,423	49,2	010 ASR

**We are also offering tailor-made special versions.**

We produce splineways as recommended, normally acc. to PN-70/M-85005, with the Js9 tolerance.

1) On request, we produce couplings with hub lengths different than the nominal and extended lengths provided in the table.

2) The weight and the moment of inertia have been determined for the coupling with the maximum holes and nominal lengths of the hubs