

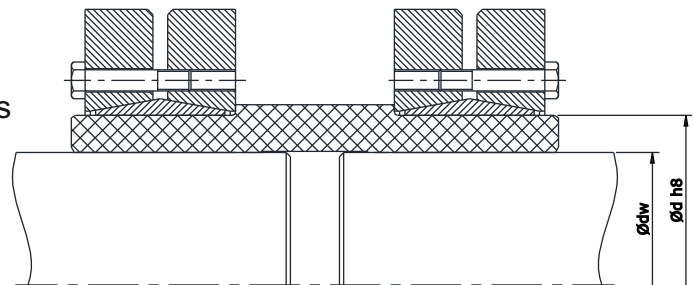
Shrink Disc - Model NC 4091



◆ Features :

- Rigid shaft-to-shaft coupling with sleeve and Three part Shrink disc
- Torque Transmission Capacity: High
- Connection of shafts of different diameters is possible
- Easy Mounting & Removal

◆ Mounting Example:



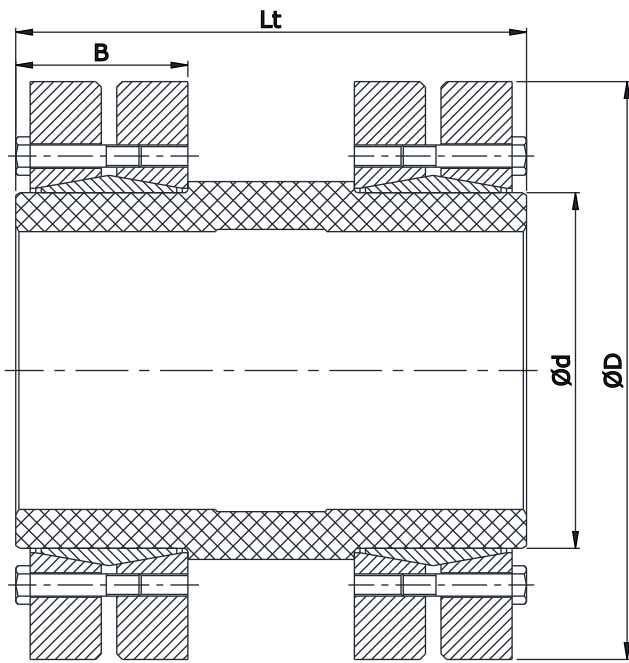
◆ Tolerance & Surface finish:

- A good Surface finish by Machine tool is sufficient. Maximum allowable Surface finish $R_a \leq 3.2\mu\text{m}$
- For Maximum Permissible Tolerance for Shaft & Hub refer Table. (Page No . - 22)

Ordering Example :

- When ordering please specify : dw x D x Lt
- **NC 4091 - 85 x 215 x 200 - 00**

Shaft Coupling Model NC 4091



- d = Inner diameter
- D = Outer diameter
- dw = Solid Shaft diameter
- B = Overall width with screws
- Lt = Total length
- S = Clamping thread
- Ma = Tightening torque of the screws
- Mt = Transmissible torque at given Ma
- Pax = Axial Thrust

d x D mm	dw mm	B mm	Lt mm	Transmissible Torque Nm (Mt)	Axial Thrust kN (P _{ax})	Tightening screws	
						DIN 913 10.9 size(s)	Tightening Torque Nm (Ma)
125 x 215	85	73	200	15000	355	M12	100
	90			17500	388		
	95			20000	422		
140 x 300	90	106	220	36700	433	M16	250
	100			47000	469		
	110			58700	500		
155 x 263	105	92	230	28900	550	M12	100
	110			32400	590		
	115			36200	630		
165 x 290	115	98	240	41000	740	M16	250
	120			46000	785		
	125			50700	815		
175 x 300	125	124	265	72800	1165	M16	250
	130			79900	1230		
	135			87300	1295		
185 x 330	135	122	265	72000	1100	M16	250
	140			78000	1150		
	145			86000	1200		
195 x 350	140	122	280	75000	1075	M16	250
	150			88000	1188		
	155			96000	1235		
200 x 350	150	122	290	92500	1230	M16	250
	155			100000	1290		
	160			107000	1345		
220 x 370	160	144	310	127000	1590	M16	250
	165			136000	1650		
	170			146500	1720		
240 x 405	170	157	350	155000	1820	M20	490
	180			176000	1960		
	190			198000	2080		

Shaft Coupling Model NC 4091

d x D mm	dw mm	B mm	Lt mm	Transmissible Torque Nm	Axial Thrust kN	Tightening screws	
				(Mt)	(P _{ax})	DIN 913 10.9 size(s)	Tightening Torque Nm (Ma)
260 x 430	190	173	390	213000	2260	M20	490
	200			240000	2420		
	210			268000	2580		
280 x 460	210	185	430	285000	2740	M20	490
	220			320000	2910		
	230			355000	3090		
300 x 485	230	189	445	341000	2960	M20	490
	240			376000	3130		
	245			394000	3215		
320 x 520	240	197	460	378000	3150	M20	490
	250			415000	3325		
	260			451000	3470		
340 x 570	250	215	480	489500	3910	M24	840
	260			530000	4075		
	270			578000	4275		
350 x 580	270	215	490	556000	4122	M24	840
	280			604000	4320		
	285			629000	4415		
360 x 590	280	219	500	612000	4370	M24	840
	290			663000	4570		
	295			689000	4670		
380 x 645	290	219	530	618000	4270	M24	840
	300			668000	4455		
	310			719000	4645		
390 x 660	300	227	540	708000	4715	M24	840
	310			762000	4910		
	320			814500	5090		
400 x 680	315	227	540	765000	4855	M24	840
	320			788000	4927		
	330			845000	5125		
420 x 690	330	253	580	999000	6055	M24	840
	340			1068000	6285		
	350			1140000	6515		
440 x 750	340	269	600	1058000	6230	M27	1250
	350			1130000	6460		
	360			1204000	6690		
460 x 770	360	269	620	1320000	7440	M27	1250
	370			1420000	7700		
	380			1500000	7950		
480 x 800	380	291	645	1535000	8080	M27	1250
	390			1626000	8340		
	400			1720000	8600		
500 x 850	400	291	670	1750000	8750	M27	1250
	410			1840000	8980		
	420			1940000	9250		

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