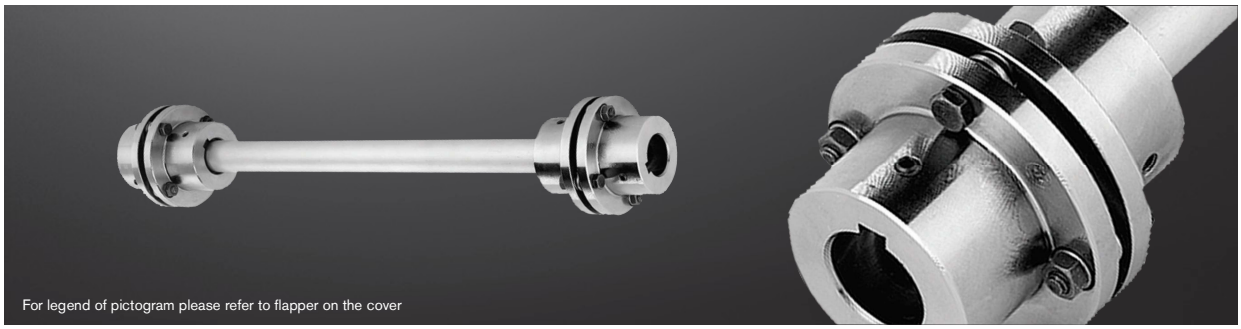
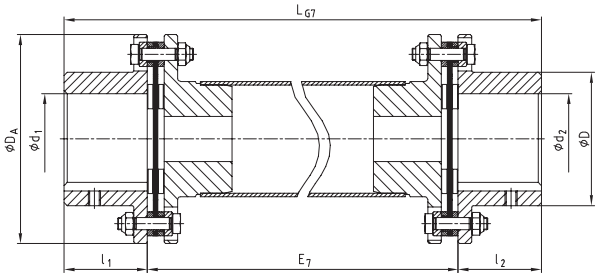
RADEX®-N NANA 4 and NNW
Steel laminae couplings

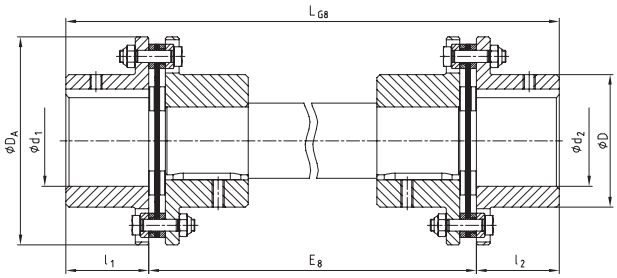
Customised types



Components



Type NANA 4



Type NNW

RADEX®-N Types NANA 4, NNZ and NNW								
Size	Max. finish bore	Dimensions [mm]						
	d_1, d_2	D	D_A	l_1, l_2	L_{G7}	E_7	L_{G8}	E_8
20	20	32	56	20				
25	25	40	68	25				
35	38	54	82	40				
38	42	58	94	45				
42	50	68	104	45				
50	55	78	126	55				
60	65	88	138	55				
70	75	102	156	65				
80	85	117	179	75				
85	90	123	191	80				
90	100	132	210	80				
105	110	147	225	90				
115	120	163	265	100				
135	135	184	305	135				
136	135	180	300	135				
156	150	195	325	150				
166	170	225	350	165				
186	190	250	380	185				
206	210	275	420	200				
246	245	320	500	240				
286	290	383	567	280				
336	340	445	660	300				
138	135	180	300	135				
158	150	195	325	150				
168	170	225	350	165				
188	190	250	380	185				
208	210	275	420	200				
248	245	320	500	240				
288	290	383	567	280				
338	340	445	660	300				

$L_{G7} = E_7 + l_1 + l_2$

$L_{G8} = E_8 + l_1 + l_2$

Intermediate shaft dimension according to customer specification

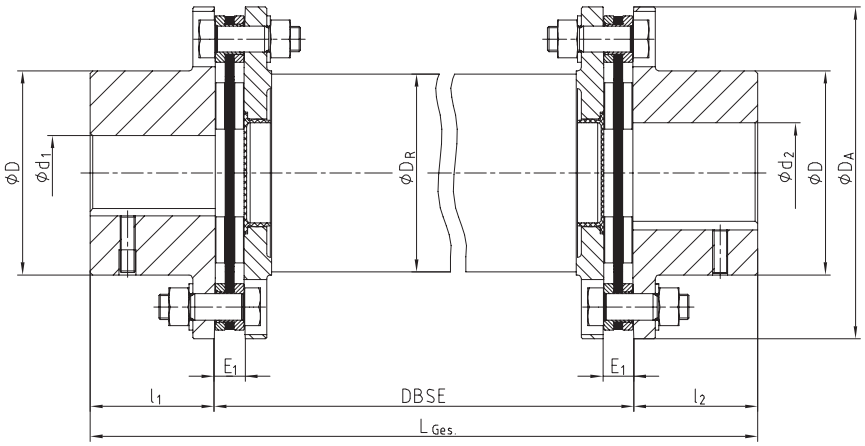
Intermediate shaft dimension according to customer specification

Ordering example:	RADEX®-N 60	NANA 4	Ø50	Ø60	2500
	Coupling size	Type	Finish bore d_1	Finish bore d_2	Shaft distance dimension

RADEX®-N Composite
Steel laminae couplings

Corrosion-resistant type for large shaft distances

Components



RADEX®-N Type NANA 4 CFK											
Size	Torque [Nm] [1]		Dimensions [mm]								
	T_{KN}	$T_{K\,max}$	D_A	d_1, d_2 max.	D	l_1, l_2	E_1	DBSE	L_{total}	Composite tube D_R	Max. DBSE [2] with 1500 rpm
70	800	1600	149	75	102	65	11	As specified by the customer	$l_1 + l_2 +$ DBSE	95	3500
85	1800	3600	184	90	123	80	15			117	3900
90	2500	5000	200	100	135	80	15			128	4100
115	4500	9000	253	120	163	100	23			160	4600

[1] For selection of coupling see page 18 et seqq.
[2] For higher speeds or bigger shaft distance dimensions please consult with KTR (+49 5971 798-484). The above-mentioned characteristic figures (e. g. max. DBSE) can be varied by composite tubes optimized for the application, if necessary.

Particularly the steel laminae couplings are well suited for applications with especially large distance dimensions between the drive and the driven side (e. g. cooling towers, fans etc.) due to their design. In order to generate high speeds with large distance dimensions, RADEX®-N couplings with intermediate shafts made of glass fibre or carbon fibre reinforced nylon (GRP or CFRP) are used, if necessary.

Ordering example:	RADEX®-N 85	NANA 4 CFK	Ø60	Ø70	3000
	Coupling size	Type	Finish bore d_1	Finish bore d_2	Shaft distance dimension