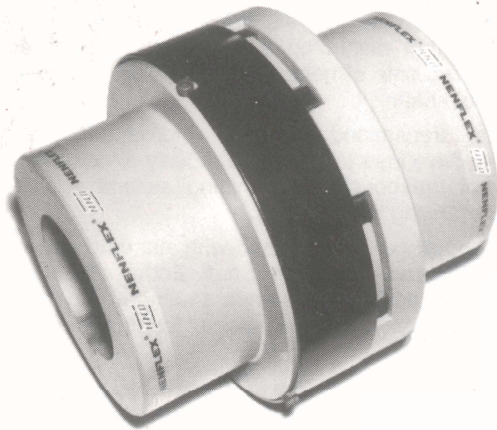


TORSIONALLY FLEXIBLE COUPLINGS



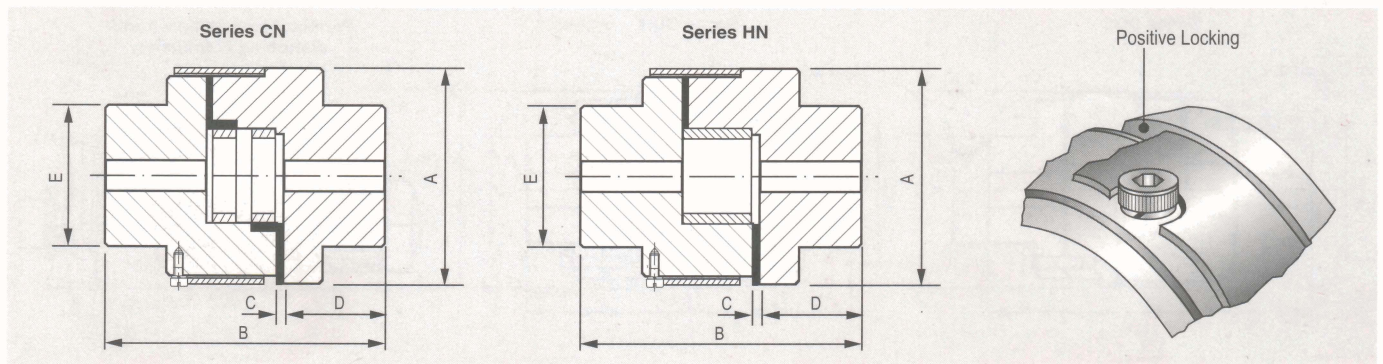
NENFLEX Series CN/ HN couplings are designed for higher torque transmission. Torque is transmitted through individual free floating elastomeric drive inserts which are radially disposed around the periphery, permitting assembly and removal without disturbance to the coupled machinery.

The CN/HN coupling has torsional flexibility as well as resilience in the three displacement planes to isolate vibration, absorb shock loads and compensate for shaft misalignment. Transient peak loads are reduced by the specially formulated drive inserts, the deflection of which is a prime design consideration.

Series CN / HN couplings feature improved free floating external collar design for secured locking even at high speeds.

The new generation of NENFLEX drive inserts are tested rigorously under dynamic conditions for exceptionally high load bearing capacity and fatigue.

Our R&D has now developed the polyurethane technology to offer a variety of high performance insert materials.



Size	Nominal Torque (Nm) (At Service Factor 1)					Min. Bore ϕ	Max. Bore ϕ	Dimensions (mm)					Approx. Weight (kg)		Drive Inserts per Coupling
	Std 80 Sh A Black	Std 90 Sh A Black	PU 80 Sh A Yellow	PU 90 Sh A Red	PU 95 Sh A Blue			A	B	C	D	E	Min. Bore	Max. Bore	
CN-226	340	x	425	510	x	30	65	143	178	3	70	115	14	11.3	6
CN-276	540	x	675	810	x	30	75	163	200	3	80	127	20	15.5	6
CN-280	860	x	1075	1290	x	30	75	200	200	3	80	140	26	24.0	6
CN-295	1300	x	1625	1950	x	40	90	245	238	3	95	160	43	40.0	6
CN-2955	2200	x	2750	3300	x	50	100	245	264	3	108	180	53	46.5	10
CN-300	3050	x	3800	4575	x	50	100	266	283	3	115	180	63	53.0	10
CN-350	4325	x	5100	5740	x	50	115	317	309	3	128	200	132	116.0	10
HN-3067	x	5270	x	6300	7115	60	100	266	295	3	121	178	75	66.0	14
HN-3567	x	7025	x	8400	9480	60	115	292	315	3	127	197	95	81.0	14
HN-3667	x	9835	x	11800	13275	70	125	317	352	3	143	222	125	108.0	14
HN-4067	x	14050	x	16800	18265	85	140	349	391	3	159	248	175	153.0	14
HN-4567	x	18975	x	21700	24600	85	150	400	427	3	174	273	245	215.0	14
HN-5069	x	22500	x	24800	28125	90	175	412	463	6	195	305	280	230.0	18
HN-6069	x	33100	x	36400	41375	100	200	461	522	6	220	365	465	390.0	18
HN-7069	x	46400	x	51000	58000	100	225	526	562	6	235	432	634	526.0	18

Misalignment Capability

Standard

Coupling Size		226	276	280	295	2955	300	350	3067	3567	3667	4067	4567	5069	6069	7069
Maximum Radial Misalignment - a (mm) at 1500 rpm		0.42	0.48	0.48	0.50	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.62	0.64	0.68	0.70
Maximum Angular Misalignment - b (deg) at 1500 rpm		1.2°	1.2°	1.2°	1.2°	1.2°	1.3°	1.3°	1.3°	1.3°	1.3°	1.2°	1.2°	1.2°	1.2°	1.2°
Maximum Axial Misalignment - c (mm)		1.8	1.8	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	3.8	4.0	4.2