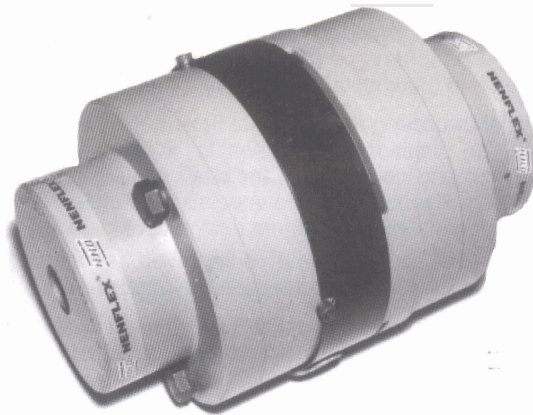


### TORSIONALLY FLEXIBLE COUPLINGS

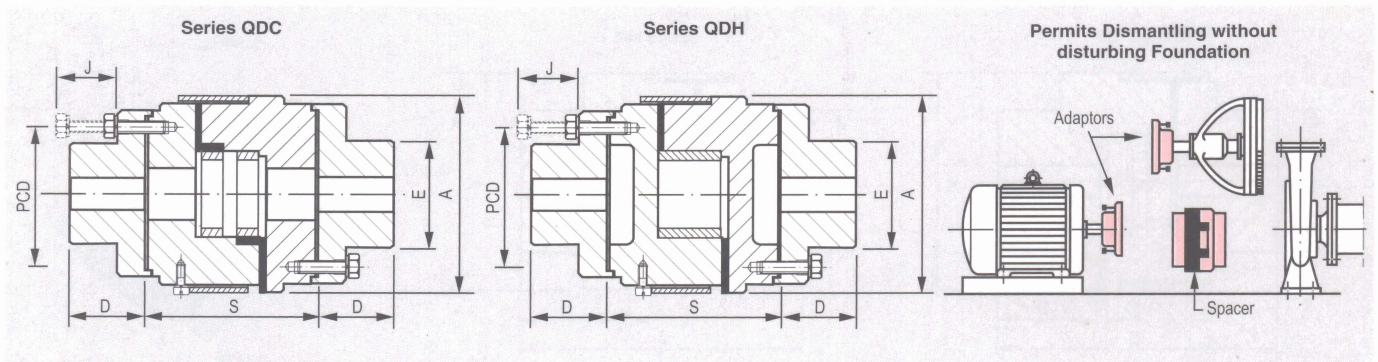


NENFLEX Series QDC/ QDH couplings are designed for heavy machinery, where quick disconnection between the driver and the driven machine is desired. It allows removal of equipment from line without disturbing the foundation, in three simple steps. Only two sets of bolts need to be removed without axial movement of shafts.

Torque is transmitted through individual free floating elastomeric drive inserts which are radially disposed around the periphery of the coupling, permitting assembly and removal without dismantling the coupling.

The QDC couplings are designed with standard spacer lengths or DBSE (Distance Between Shaft Ends) of 135, 140 and 180mm. The QDH Couplings have a standard spacer length of 180mm. Couplings with other spacer lengths can be supplied as non-standard.

**Typical Applications :** Power Generation, Thermal Power Plants, Huge Blowers, Large Pumps, Steel Mills, Cement Machinery, Sugar & Paper Plants, Compressors & similar heavy duty applications.

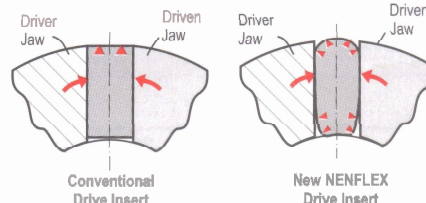


Size	Nominal Torque (Nm) (At Service Factor 1)					Min. Bore $\phi$	Max. Bore $\phi$	Dimensions (mm)						Drive Inserts per Coupling		
	Std 80 Sh A Black	Std 90 Sh A Black	PU 80 Sh A Yellow	PU 90 Sh A Red	PU 95 Sh A Blue			A	E	Standard Spacer Length S <small>Non Standard Spacer Length available on request</small>			PCD		D	J
QDC-226	340	x	425	510	x	30	65	143	134	135	140	180	102	50	92	6
QDC-276	540	x	675	810	x	30	75	163	134	135	140	180	105	60	107	6
QDC-280	860	x	1075	1290	x	30	75	200	130	135	140	180	160	60	70	6
QDC-295	1300	x	1625	1950	x	40	90	245	160	135	140	180	200	65	80	6
QDC-2955	2200	x	2750	3300	x	50	100	245	160	135	140	180	200	80	80	10
QDC-300	3050	x	3800	4575	x	50	100	266	180	135	140	180	216	90	85	10
QDC-350	4325	x	5100	5740	x	50	115	317	200	135	140	180	252	90	85	10
QDH-3067	x	5270	x	6300	7115	60	100	266	167	x	x	180	210	80	75	14
QDH-3567	x	7025	x	8400	9480	60	120	292	183	x	x	180	232	90	82	14
QDH-3667	x	9835	x	11800	13275	70	125	317	209	x	x	180	252	90	92	14
QDH-4067	x	14050	x	16800	18265	85	140	349	231	x	x	180	284	100	110	14
QDH-4567	x	18975	x	21700	24600	85	170	400	288	x	x	180	330	150	125	14
QDH-5069	x	22500	x	24800	28125	90	175	412	298	x	x	180	340	150	125	18
QDH-6069	x	33100	x	36400	41375	100	200	461	365	x	x	180	405	150	125	18
QDH-7069	x	46400	x	51000	58000	100	225	526	432	x	x	180	470	170	125	18

Standard

### The new NENFLEX® advantage !

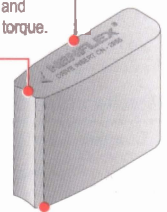
The new NENFLEX drive inserts are the subject matter of a patent & come with a special profile which allows only a partial contact with the driver & the driven jaws at no load. When torque is applied the entire surface of the drive insert comes into contact. There is less abrasion & heat build up which enhances the service life of the drive insert & the coupling.



Special shape profile allows partial contact at no load and 100% contact at nominal torque.

Enhanced optimum contact area due to special concave end.

The tapered profile facilitates easy entry & removal of the drive insert



We reserve the right to make alterations due to technical developments and change in designs

© Copyright - NENCO

### National Engineering Company

J - 225, MIDC, Bhoşari, Pune 411026 (India)  
 Tel : 91-212-774529 Fax : 91-212-770229  
 Cable : NENCO, Pune 26.  
 E-mail : nenco@giaspn01.vsnl.net.in

