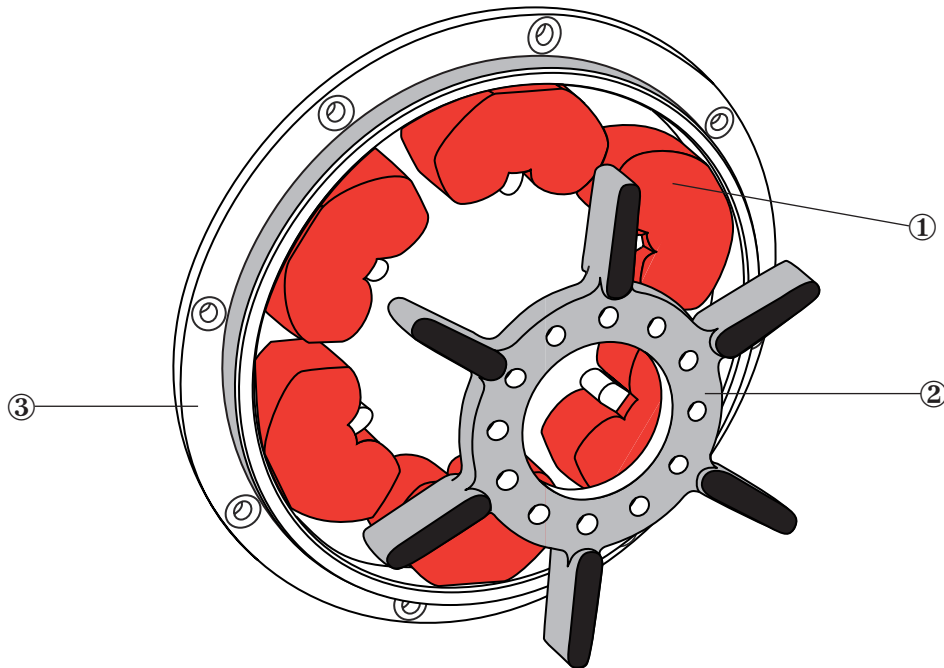


# CORDIFLEX



## DESCRIPTION

- Flexible element :
  - ① 6 fairly hard natural rubber shaped support blocks, on the inside edge of the outer ring of the coupling.
- Flange :
  - ② inside flange has 6 arms which fit axially between the blocks by “blind axial” assembly.
- Outer ring :
  - ③ Ring with teeth that hold the blocks.

Standard SAE fixing and centring.

## OPERATION

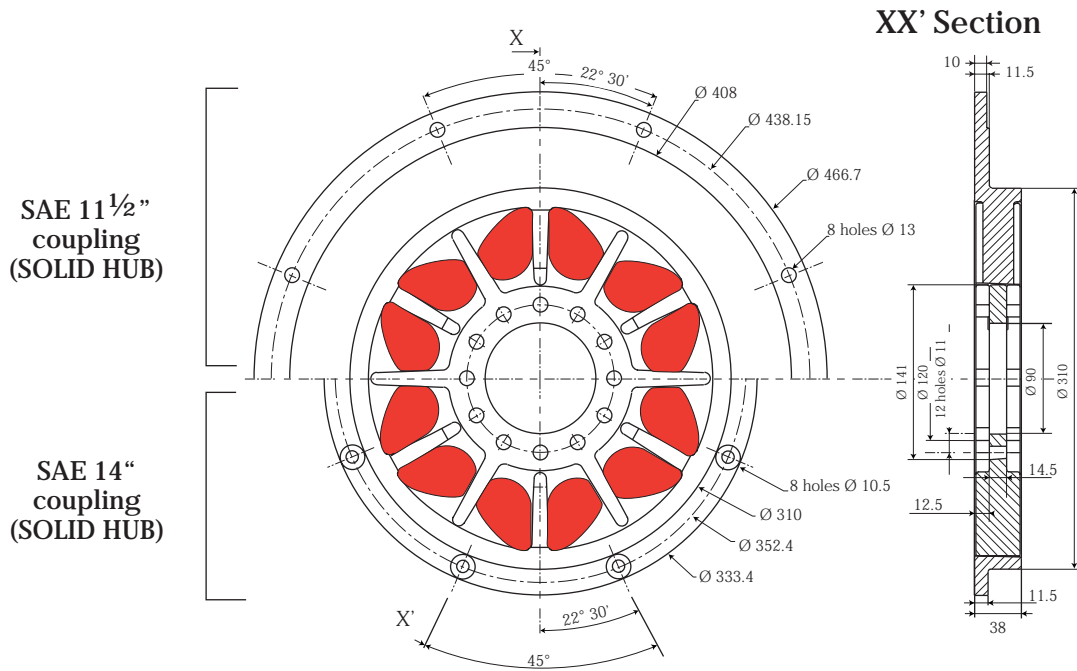
The CORDIFLEX coupling is designed to have the following features :

- Simplicity of design and assembly of the flexible elements making it easy to vary the torsional stiffness simply by replacing the blocks.

**Advantages :**

- SAE centring.
- The coupling is very slim.

# DIMENSIONS

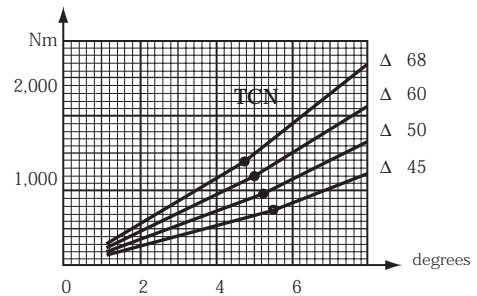


Nominal torque N.m	Max torque N.m	Max speed rpm	Max hole mm	Reference			
				14"	Wght kg	11" ½	Wght kg
600	1200	3000	75	<b>639012 40</b>	23	<b>639063 40</b>	18
800	1600	3000	75	<b>639012 41</b>	23	<b>639063 41</b>	18
1000	2000	3000	75	<b>639012 42</b>	23	<b>639063 42</b>	18
1200	2400	3000	75	<b>639012 43</b>	23	<b>639063 43</b>	18

The maximum torque is considered to be an infrequent start-up torque and is not periodic.

# OPERATING CHARACTERISTICS

Nominal torque N.m	Vibratory coupling N.m	STIFFNESS		
		AXIAL	RADIAL daN/mm	TORSIONAL N.m/rad.
600	300	PUSH FIT	30	675
800	400		45	800
1000	500		60	1150
1200	600		75	1430



1 Nm  $\neq$  0.1 mkg - Tangente  $\delta = 0.1$

**NOTE :** The technical data is identical for 14" and 11½" couplings for the same nominal torque.

# PARTS LIST

## 14" Coupling

Coupling reference	Flexible element reference	Qty	Flange reference	Qty	Disk reference	Qty
639012 40	819823 40	6	321400	1	322200	1
639012 41	819823 41	6	321400	1	322200	1
639012 42	819823 42	6	321400	1	322200	1
639012 43	819823 43	6	321400	1	322200	1

## 11" ½ Coupling

Coupling reference	Flexible element reference	Qty	Flange reference	Qty	Disk reference	Qty
639063 40	819823 40	6	321400	1	322201	1
639063 41	819823 41	6	321400	1	322201	1
639063 42	819823 42	6	321400	1	322201	1
639063 43	819823 43	6	321400	1	322201	1

