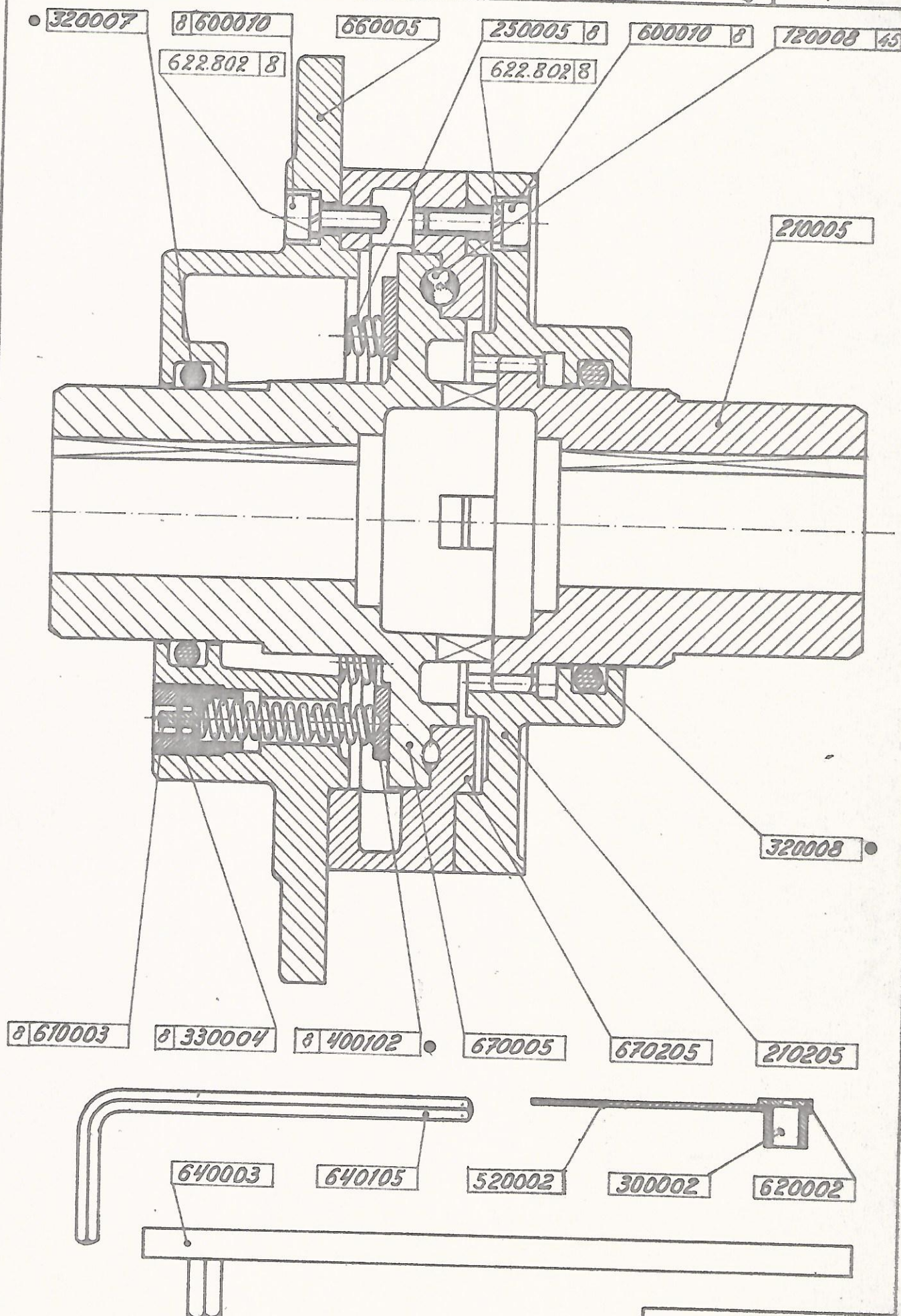


**SADI****AS30 Execution 1**Etabli par: **A-H**Date: **2-2-68**

Vérifié par:

**Ensemble Assembly Samenplan Gesamtzeichnung****ENSEMBLE: 903011**

Echelle:

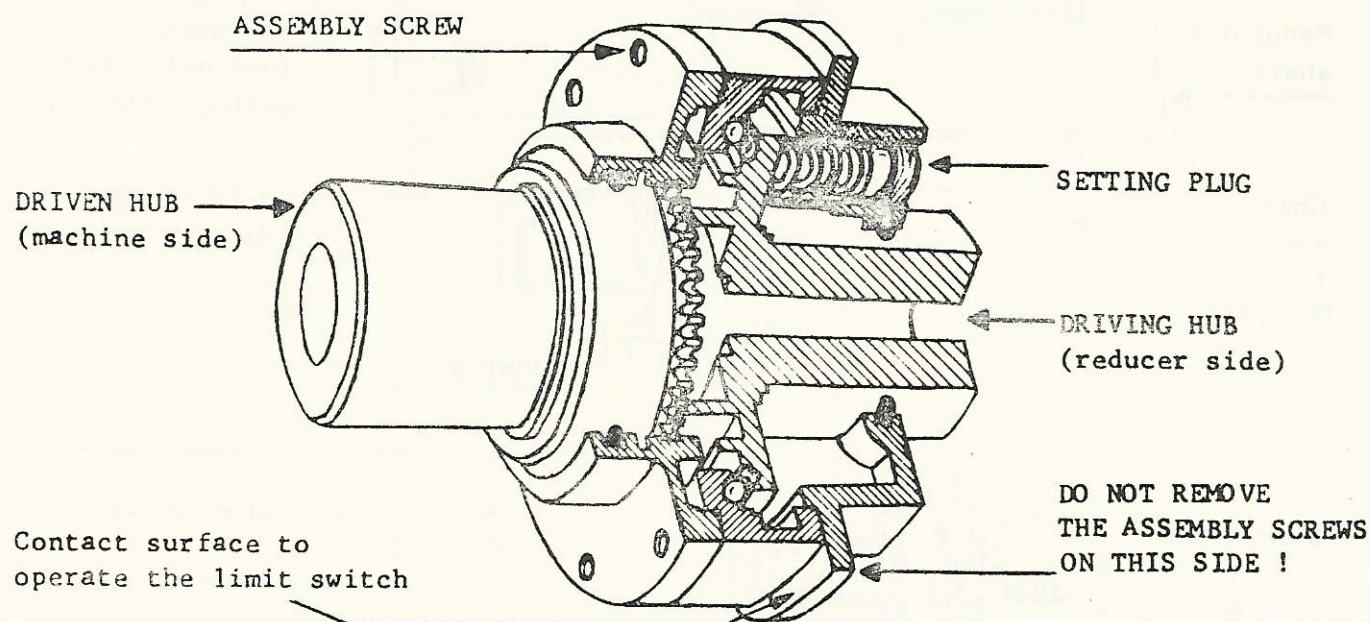
Modifié: 21-10-64-*W*



## MAXI SAFETY COUPLING

### INSTALLATION AND STARTING

#### MOUNTING 1: DIRECT COUPLING



- The 2 shafts must be perfectly aligned: the MAXI is not an elastic coupling.
- For boring of the hubs remove the 8 assembly screws on the driven hub side.
- Put each hub on the lathe, bore and key.
- When mounting, check that a 0.5 to 1 mm axial gap remains between the two hubs.
- SETTING: Unless otherwise stated the MAXI is delivered set to its NOMINAL tripping torque.  
To change the setting, screw-in or unscrew uniformly the 8 setting plugs.
- Tripping torque graph: upon request (give the MAXI serial number), an individual graph can be obtained, allowing to set the setting plugs accordingly to the tripping torque required. The setting accuracy can reach + 5%.
- MICRO LIMIT SWITCH: It is essential that each MAXI is fitted with a limit switch in order to stop the motor immediately the coupling trips. The non utilization of this switch will automatically cancel the guarantee.
- LUBRICATION: The internal active parts are coated with MOBILGREASE SPECIAL grease, with Moly. The MAXI may be used between -20°C and +60°C ambient temperature.
- MAINTENANCE: Being grease packed for life, the MAXI needs no maintenance. (continued overleaf)

**DAVID BROWN SADI S.A.**

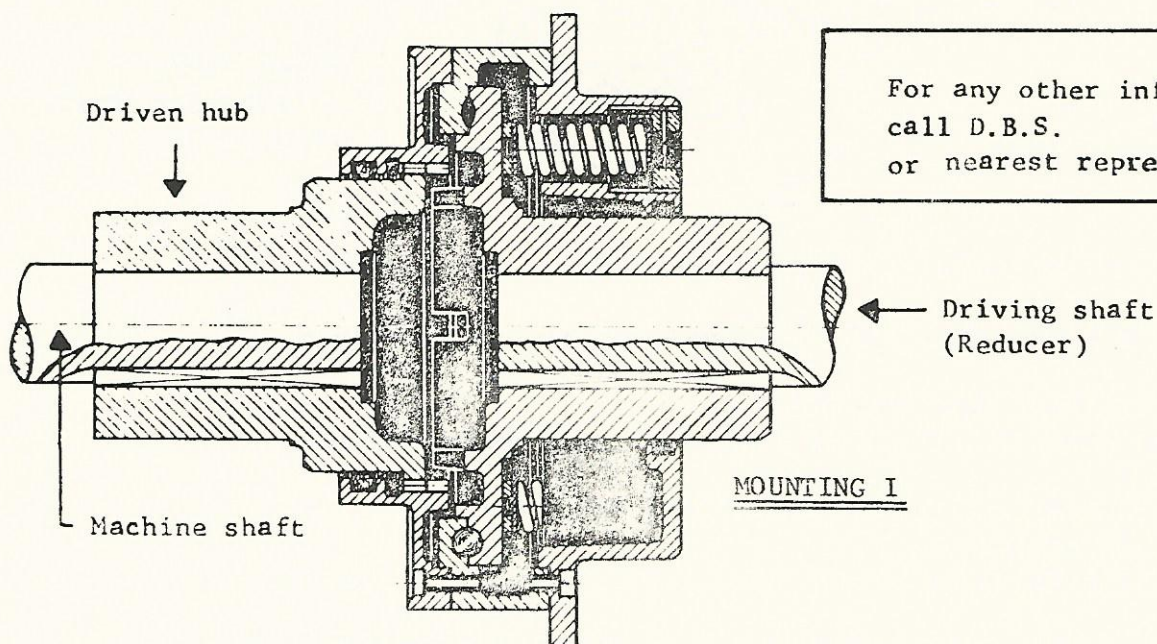
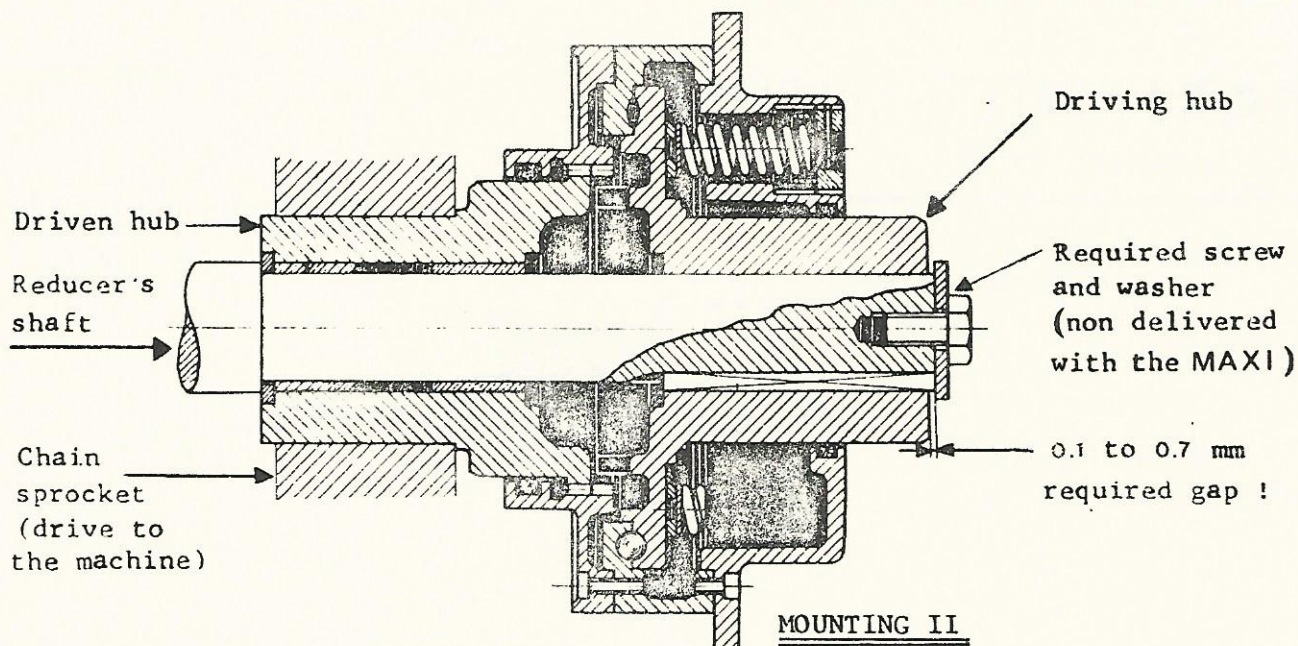
Rue des Carburants 4 B-1190 Bruxelles  
Belgique

Tel. : 02/345.18.01 - Telex : 23.199 DBSADI B



## MOUNTING II: CHAIN SPROCKET TYPE.

- The driven hub is factory bored and is provided with two self lubricating bushes, the bore of which corresponds to the shaft diameter on which the MAXI has to be mounted.
- Partly dismantling of the MAXI as mentioned above and machining (turning and keying) of the driven hub to fit the chain sprocket.



For any other information  
call D.B.S.  
or nearest representative

Example of one of the possible electrical connexions.	COUPLING Type	Maximum permitted speed	Nominal torque	Weight	Bore (on mounting I - coupling)		Axial displace- ment of mobile section mm
		R.P.M.	mkg	kg	min. mm	max. mm	
	MAXI-23	1000	4,5	5	14	30	4
	MAXI-24	800	9	6	18	35	4
	MAXI-25	800	18	8	19	36	4
	MAXI-26	750	37,5	13	28	45	5
	MAXI-27	600	75	23	30	63	6
	MAXI-28	500	150	50	40	70	9
	MAXI-29	400	300	82	48	90	10
	MAXI-30	300	600	156	60	115	13