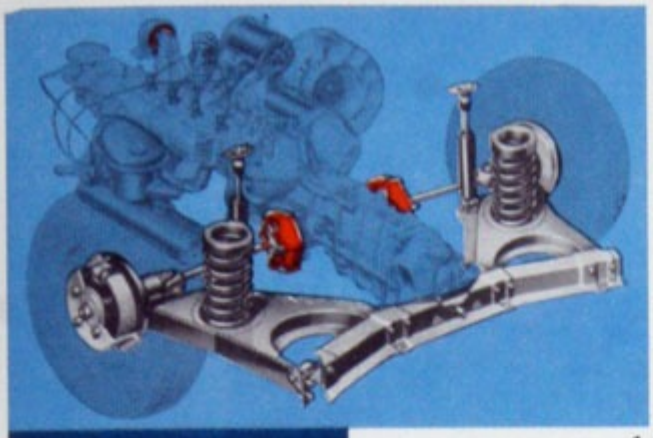
METALASTIK

FLEXIBLE COUPLINGS

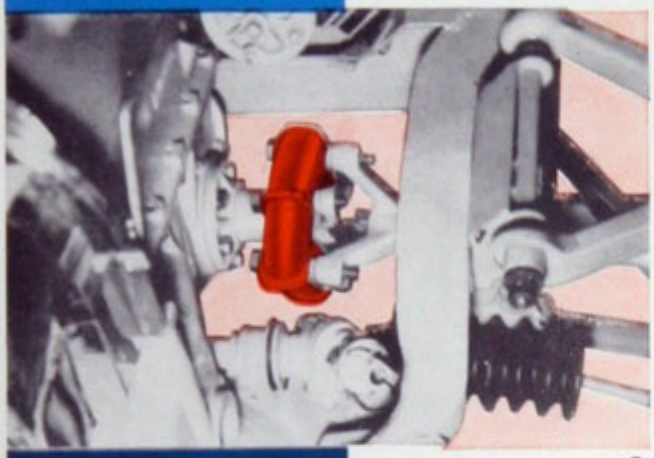
for SMOOTH, QUIET POWER TRANSMISSION

Metalastik bonded-rubber couplings cushion shock loads, and allow conical, torsional and axial displacements in varying degrees according to design and application. They reduce wear, noise and vibration, and do not need lubricating.



1.

1. Rotoflex couplings are fitted on the Hillman Imp, the Chamois, Chamois & Sunbeam Sports and the Hillman Imp Californian. Accommodating axial as well as universal movements in independently-sprung driven axles, the Rotoflex reduces friction and wear and improves suspension. Torsional resilience softens impulses and shock loads.



2.

2. Rotoflex couplings are used on the Triumph 1300, on many high-performance sports cars and on racing cars including the Brabham-Repco of the 1966 World Champion Driver, Jack Brabham, and the Lotus Coventry Climax of Jim Clark, the 1965 champion.

3.

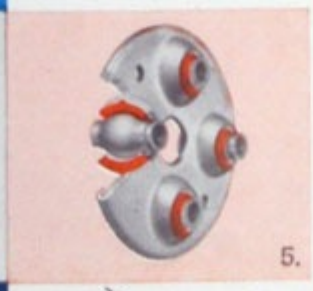
3. Rotoflex couplings are used with advantage in propeller shafts. The design illustrated does not require a centering device on cars with I.R.S.

4. Rotoflex couplings are fitted in the steering column on the Rolls-Royce 'Silver Shadow', Jaguar cars, Princess 'R' and the new Vauxhall Viva. The Rotoflex steering coupling permits a large cardan angle, and its resilience provides an effective barrier against the transmission of vibration and shock to the wheel.

5. The Metalastik 'Universal' coupling permits large angular movements, and cushions shock loads. In relation to its size, the coupling has a high torque capacity. Rubber ball joints are fully bonded and pre-loaded.

6. On the Hillman Hunter and Triumph 2000 Automatic, torque is transmitted through bonded-rubber coupling sleeves incorporated in the B.R.D. propeller shafts. This refinement damps noise and vibration, and the torsional resilience provided absorbs shock.

4.



5.

EARLS COURT STAND No. 233

6.

POLYMER ENGINEERING

A DIVISION OF THE DUNLOP COMPANY LTD

EVINGTON VALLEY ROAD, LEICESTER LE5 5LY