

## U-Flex Isolators

Mackay U-Flex isolators are a general purpose isolator which offer excellent protection against vibration and shock to a wide range of applications including electronic apparatus, vibratory feeders, general machinery as well as equipment in packing cases during transit.

U-Flex isolators are most flexible in directions X and Y (Fig1 ) when the rubber is used in shear and offer greater stiffness in direction Z where the rubber is used in compression. This characteristic is particularly useful when limitation of movement is required in one direction.



Fig1

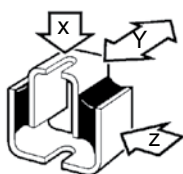
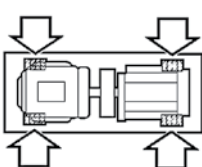
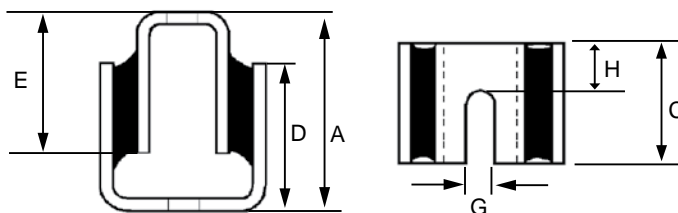


Fig2

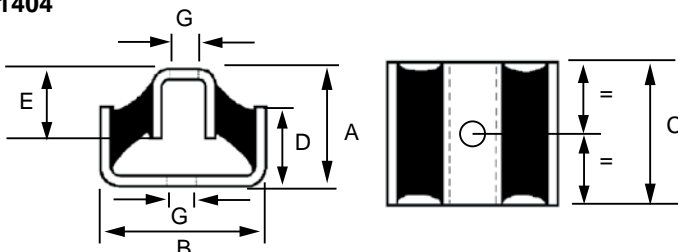


If used as engine supports ( fig 2) the U- Flex isolator should be employed so that maximum flexibility ( X ) is used vertically and ( Y ) at right angles to the crankshaft as the vibrations are most severe in these directions.

M1403



M1404



Part No.	A	B	C	D	E	F	G	H	Duro	WEIGHT Kg
M140350	108	86	64	83	76	38	16.7	32	50	1.0
M140450	41	60	51	29	24	20	11	-	50	0.2

## Load Range

Part No	STATIC LOAD kg	DEFLECTION mm
M140350	200	7.5
M140450	50	8

\* Available in other rubber hardnesses on indent order only and subject to minimum order quantity

All properties nominal, contact Mackay for Technical advice

All Dimensions in Millimetres

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