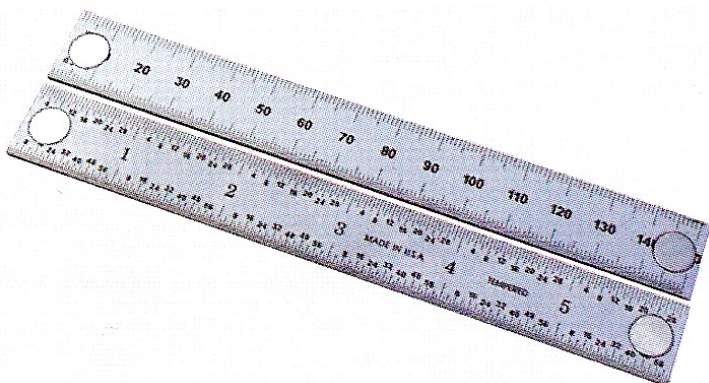


Magnetic Rules

	Magnetic Rules: - Conform to EEC-Class 1, Ref 73/362/EEC - Manufactured from high quality steel - Fully hardened and tempered - Non-glare satin chrome finish - Graduations etched from precise glass masters for repeated accuracy Magnetism is provided by a series of button magnets inserted along the length of the rule Suitable for use on machine beds and slides, sheet metalwork and construction projects
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Manufacturers Code	Length	Width and Thickness	Rule Marking Front Face (inch)	Rule Marking Reverse Face Metric)	Button Magnets
262-006MG	150mm / 6"	19 x 1mm	64ths and 32nds	1.0mm and 0.5mm	2
262-012MG	300mm / 12"	25 x 1mm	64ths and 32nds	1.0mm and 0.5mm	3
262-024MG	600mm / 24"	29 x 1mm	64ths and 32nds	1.0mm and 0.5mm	5

EEC Directive 73-362 / EEC: Rules Class 1 and 2

For Metric Scales Only: (there is no specification for Inch Scales)

Permissible Errors: For EEC Class 1 Rules

Maximum permissible error between 2 intervals upto 1mm = 0.1mm

Maximum permissible error between two intervals not exceeding 10mm = 0.2mm

From Rule End: Above tolerance increased by 0.1mm

Examples:

Rule End to 1mm graduation = Normal Tol. 0.1mm + Additional Tol. 0.1mm = 0.2mm

Rule End to 10mm graduation = Normal Tol. 0.2mm + Additional Tol. 0.1mm = 0.3mm

Overall Length Tolerance

$$\text{Tol} = [a + (b \times L)]$$

a = 0.1 for class 1

b = 0.1 for class 1

L = Length of scale rounded up to the nearest metre

Example for a 300mm rule, when measurement is taken from the 10mm graduation to the 300mm graduation:

$$\text{Tol} = [0.1 + (0.1 \times 1)] = 0.2\text{mm}$$