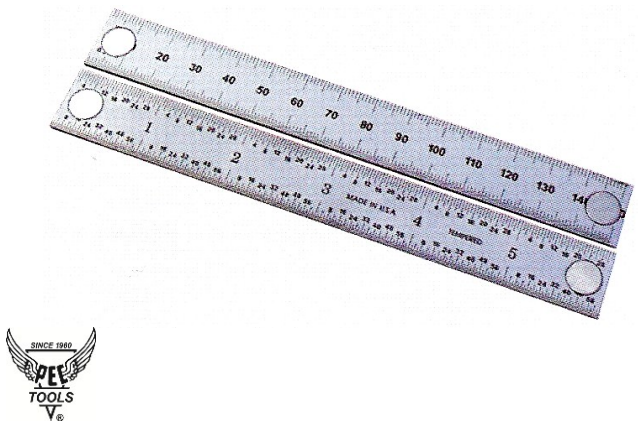
Data Sheet: LDS 1281 Date: 18-11-2010

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

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
262-006MG	150mm / 6”	27	30	2	180
262-012MG	300mm / 12”	72	40	2	340
262-024MG	600mm / 24”	163	40	2	625
262-036MG	900mm / 36”	261	40	2	940
262-048MG	1200mm / 48”	352	40	2	1250

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
262-036MG	900mm / 36”	29 x 1mm	64ths and 32nds	1.0mm and 0.5mm	7
262-048MG	1200mm / 48”	32 x 1mm	64ths and 32nds	1.0mm and 0.5mm	9

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

Tol = [a + (b x 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:
Tol = [0.1 +(0.1 x 1)] = 0.2mm