



Steel Rules Metric and Inch Two Sided with Round End

	<p>Conform to EEC-Class 1, Ref 73/362/EEC Manufactured from high quality steel Fully hardened and tempered Non-glare black chrome finish White graduations for easy reading Graduations etched from precise glass masters for repeated accuracy</p> 
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
678-006FEZ	150mm / 6" : Rigid	15	30	1	180
678-012FEZ	300mm / 12" : Rigid	64	40	1	340
851-006FEZ	150mm / 6" : Flexible	11	22	1	180
851-012FEZ	300mm / 12" : Flexible	21	25	1	335

Code	Length	Type	Width and Thickness	Rule Marking Front Face (inch)	Rule Marking Reverse Face Metric)	Style	End Style
678-006FEZ	150mm / 6"	Rigid	19 x 0.5mm	16ths, 32nds, 64ths 10ths, 20ths, 50ths, 100ths	1.0mm and 0.5mm	64R	D End
678-012FEZ	300mm / 12"	Rigid	25 x 1mm	16ths, 32nds, 64ths 10ths, 20ths, 50ths, 100ths	1.0mm and 0.5mm	64R	D End
851-006FEZ	150mm / 6"	Flexible	12.5 x 0.5mm	16ths, 32nds, 64ths 10ths, 20ths, 50ths, 100ths	1.0mm and 0.5mm	64RF	D End
851-012FEZ	300mm / 12"	Flexible	12.5 x 0.5mm	16ths, 32nds, 64ths 10ths, 20ths, 50ths, 100ths	1.0mm and 0.5mm	64RF	D End

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:

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