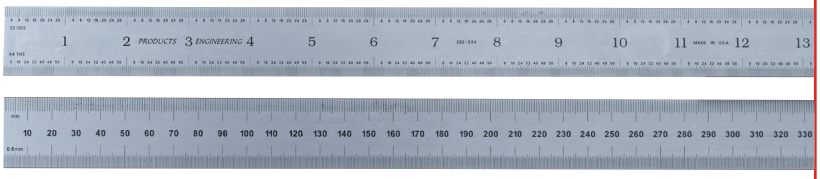
ENGLISH

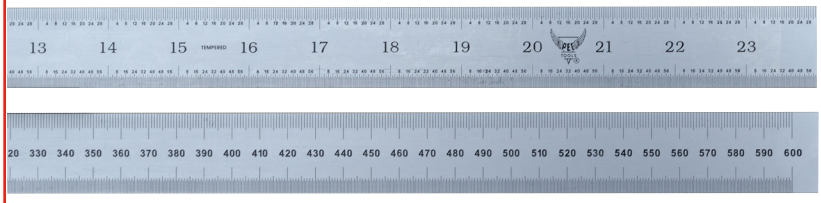
Datasheet
RS Pro Rigid Steel Rules Metric and Inch Two Sided with Square Ends

RS Stock No: 111-5885

Close up view: Left End



Close up view: Right End



Specifications:

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

Order Code	Manufacturers Code	Length	Type	Style	End Style
111-5885	262-024	600mm/24”	Rigid	64R	Flat/Square

Width & Thickness	Rule Marking Front Face (Inch)	Rule Marking Reverse Face (Metric)
29 x 1mm	32nds, 64ths	1.0mm and 0.5mm

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Technical:

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