



ENGLISH

Datasheet

RS Pro Dial Bevel Protractor

RS Stock No: 264-3508



Specifications:

The Protractor is supplied with 3 stainless steel blades, 6, 8 and 12" long plus a right angle attachment

Range: 360 degrees

Resolution: 5 minutes

Accuracy: ± 5 minutes

Protractor head includes:

1 x Blade locking screw

1 x Angle locking screw

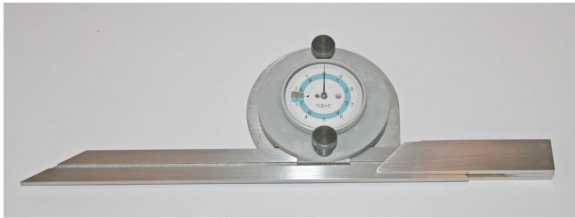
Each protractor head is serialised

Order Code	Manufacturers Code	Description
264-3508	51-525-360	Dial Bevel Protractor

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Test Information:



Note: The Blade and Stock are not intended to be at the same height when set to the zero degree position on the dial.

Therefore the Protractor cannot be placed on a flat surface to check the zero position



A simple check to ensure the Protractor is reading correctly is to test it at 90 degrees on a surface plate against a Master Square as shown above

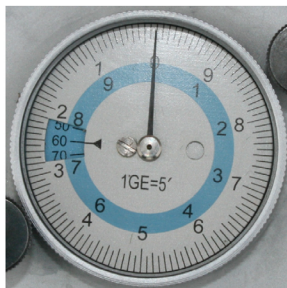
How to read angles:

- Main Dial:** 1 revolution of the dial hand = 10 degrees
Each degree has 12 divisions which = 5 minutes per division
The outer degree markings on the dial read anti-clockwise 0-9 and are black on a white background
The inner degree markings on the dial read clockwise 0-9 and are black on a blue background
- Window Scale:** There are 4 x 90 degree segments each marked 0-90 in 10 degree intervals
2 segments have a white background and 2 have a blue background
- Reading:** When the window scale is white, read the white outer dial scale for degrees and minutes
When the window scale is blue, read the blue inner dial scale for degrees and minutes

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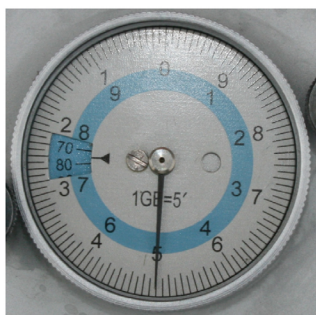
Reading Examples:



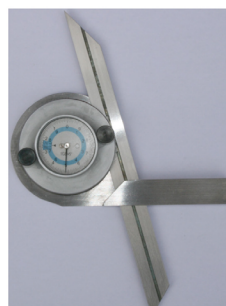
Actual reading: 60° Calculated reading 120°



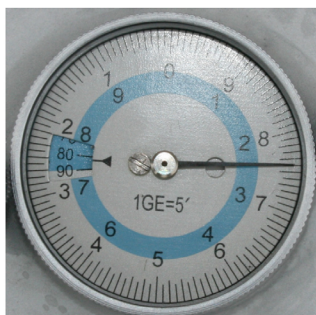
Blade position



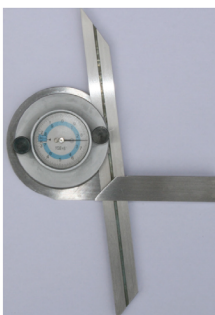
Actual reading: 75° Calculated reading 105°



Blade position



Actual reading: 82°-25' Calculated reading 97°-35'

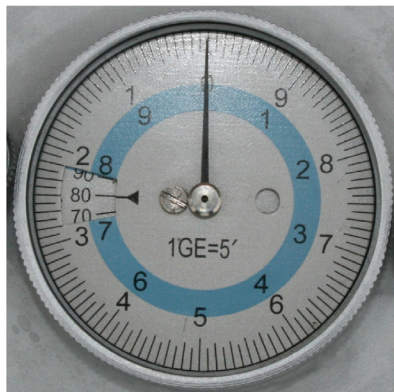


Blade position

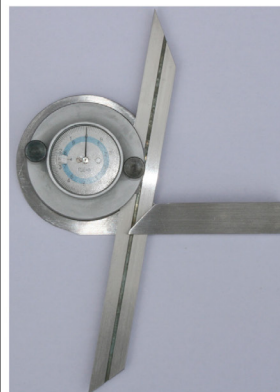
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Reading Examples:



Actual reading: 80° Calculated reading 100°



Blade position



Actual reading: 23'-30' Calculated reading 156°-30'

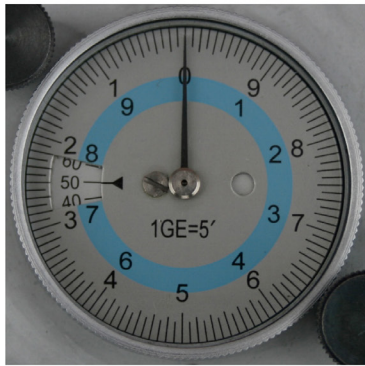


Blade position

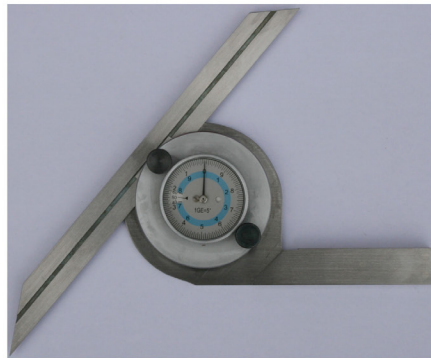
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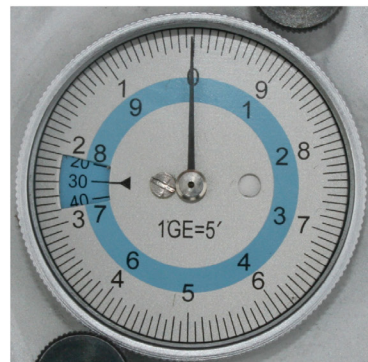
Reading Examples:



Actual reading: 50° Calculated reading 130°



Blade position



Actual reading: 30° Calculated reading 150°



Blade position