

# FIT-UP PRO

By Mathey Dearman

## LAYOUT AND MARKING TOOLS





The Fit-Up Pro D206 centering head is a precision tool, useful for finding pipe centerlines, establishing angles or points around pipes, shafts, tanks or other cylindrical surfaces. The rotating protractor dial is marked in 2.5° increments for precise point location. The centering head is designed for use on cylindrical surfaces from 3" to 40" in diameter.



### Features

- **True** - Precisely locates top dead center
- **Easy** - Simple and quick to use
- **Versatile** - Use to find points on shafts, tanks, or pipe

| PART NO | DESCRIPTION   | SHIPPING WEIGHT |         | SHIPPING DIMENSIONS |              |
|---------|---|-----------------|---------|---------------------|--------------|
| D206    | Magnetized pipe centering finder w/punch and multi-tool | 3 lbs.          | 1.35 kg | 8" x 8"             | 200 x 200 mm |



The robust aluminium construction, rotating dial and magnetized base makes this tool a handy must-have for all tradesmen.



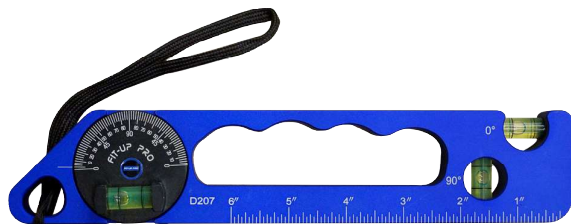
### Features

- 2" x 2" - small and convenient
- Rotating dial allows for easy angle verification
- Magnetized for hands-free use
- Sturdy and durable for years of use

| PART NO | DESCRIPTION   | SHIPPING WEIGHT |         | SHIPPING DIMENSIONS |              |
|---------|---|-----------------|---------|---------------------|--------------|
| D208    | Magnetized pocket level and inclinometer (2 x 2.5 inch) | 1 lbs.          | 0.45 kg | 4" x 4"             | 100 x 100 mm |



The Fit-Up Pro torpedo level is a must have for the pipe fabricator offering multiple features. Magnets adhere the level to the pipe, while a rotating degree dial makes angle verification easy. Two fixed dials make common fit ups easy.

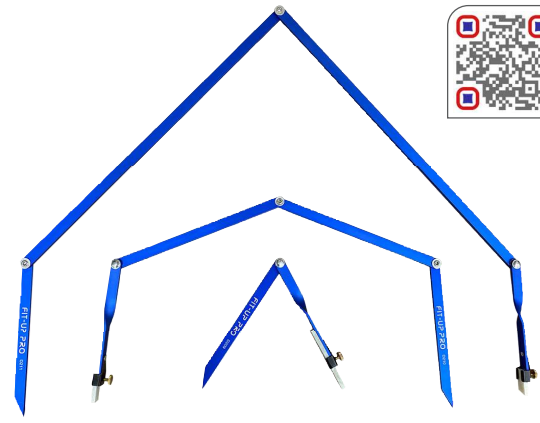


### Features

- Easy to read dial and fixed vials
- V-grooved and magnetized base for hands free use
- Laser etched measurements makes this a two-in-one tool

| PART NO | DESCRIPTION              | SHIPPING WEIGHT |         | SHIPPING DIMENSIONS |              |
|---------|--------------------------|-----------------|---------|---------------------|--------------|
| D207    | Magnetized torpedo level | 2 lbs.          | 0.90 kg | 12" x 4"            | 300 x 100 mm |

Robust construction and tensioned, yet easy to move, joints make this the perfect precision tool for all welders and fitters. Lay out saddle cuts, circles, half round, oval or elliptical cuts with confidence.



**Features**

- Full aluminium construction
- 3 sizes up to 100"
- Can hold rectangular or round soap stone

| PART NO | DESCRIPTION                             | SHIPPING WEIGHT |         | SHIPPING DIMENSIONS |                  |
|---------|---|-----------------|---------|---------------------|------------------|
| D209    | Small - radius marker up to 22" circle  | 1 lbs.          | 0.50 kg | 6" x 2" x 1"        | 150 x 50 x 25 mm |
| D210    | Medium - radius marker up to 50" circle | 1 lbs.          | 0.50 kg | 10" x 2" x 1"       | 250 x 50 x 25 mm |
| D211    | Large - radius marker up to 100" circle | 1 lbs.          | 0.50 kg | 14" x 2" x 1"       | 400 x 50 x 25 mm |

The Q.C. welder with pit depth gauge measures pit depth, weld height and outside "high-low". The stainless steel pit depth gauge mounts on the end of the Q.C. welder's gauge housing and displays in English measurements.



**Precise:** Measures as small as 1/64" (0.4 mm)

**Easy:** Simply slide the pit depth gauge over the Q.C. gauge and take the reading

Measurement 1/64<sup>th</sup> or .4 mm increments.

| PART NO   | DESCRIPTION  | WEIGHT   |         |
|-----------|--|----------|---------|
| D253E     | English Q.C. welder with pit depth gauge             | 0.2 lbs. | 0.10 kg |
| D253E-BOX | English Q.C. welder with pit depth gauge (box of 10) | 2.0 lbs. | 0.90 kg |

Fit-Up Pro by Mathey Dearman pipe wrap has double-ruled edges so it is never upside down or backwards. The wrap can be used as a straight edge to mark straight lines around the pipe and to mark angles for pipe elbows. The pipe wrap is constructed of highly abrasion and solvent resistant materials to last under heavy use.

Pipe wrap includes: table of tangents and straight edge, instructions for cutting elbows, sides marked in 1/8" (3.2 mm) increments to 36" (914 mm), instructions for finding the length of an elbow, 45 degree angle chart and degree markings.



| PART NO | DESCRIPTION  | PIPE SIZE                 |             |
|---------|--|---------------------------|-------------|
| D160    | Wrap, 4" x 4 ft / 102 mm x 1,219 mm                                  | 3" - 15"                  | 76 - 381 mm |
| D170    | Wrap, 4" x 6 ft / 102 mm x 1,829 mm                                  | 3" - 22"                  | 76 - 559 mm |
| D177    | Wrap, 4" x 7 ft / 102 mm x 2,134 mm                                  | 3" - 26"                  | 76 - 660 mm |
| D184    | 4" / 102 mm width x length desired sold in 1 ft / 305 mm increments* | Pipe size to be specified |             |
| D185    | 5" / 127 mm width x length desired sold in 1 ft / 305 mm increments* | Pipe size to be specified |             |
| D187    | 7" / 178 mm width x length desired sold in 1 ft / 305 mm increments* | Pipe size to be specified |             |

D184, D185 and D187 - Pipe wrap sold per foot does not have any marking or instructions.

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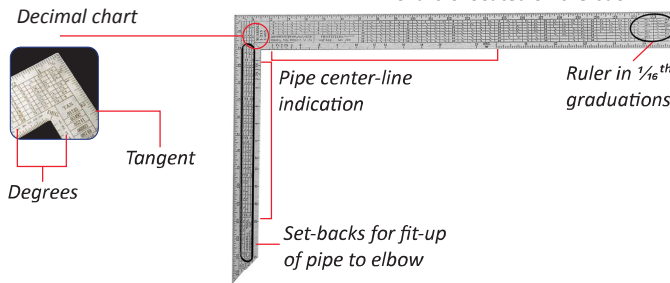
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# PIPE FITTER'S SQUARE



The stainless steel pipe fitter's square is the only precision square designed specifically for pipefitters, boilermakers, welders and layout persons.

After becoming familiar with the scales and tables of the square, many complex problems encountered during pipe fit-up and layout work are easily solved.



| PART NO | DESCRIPTION         | DIMENSIONS            |                        |
|---------|---------------------|-----------------------|------------------------|
| D248    | Pipefitter's square | 15½" x 24" x ⅛" thick | 394 x 610 x 3 mm thick |

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# PROTRACTORS



The large protractor will measure squareness of pipe ends up to 40" / 1,016 mm diameter or can be used to check large pipe miter angles up to 180°. Leg lengths of 48" / 1,219 mm and 36" / 914 mm.

The small protractor is an excellent tool for sheet metal layout, checking squareness of pipe ends up to 17" / 432 mm diameter. It has a large 18" / 457 mm leg, a shorter 12" / 305 mm leg and it is accurate to ± 1°.

The mini protractor can be used for a variety of applications including measuring bevel angle.



| PART NO | DESCRIPTION                      | DIMENSIONS |                  |
|---------|----------------------------------|------------|------------------|
| DXX-250 | Mini stainless steel protractor  | 4"         | 102.4 mm         |
| DK-239  | Small stainless steel protractor | 18" & 12"  | 457 mm & 305 mm  |
| DK-100  | Large aluminium protractor       | 48" & 36"  | 1219 mm & 914 mm |

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# FRAMING SQUARE



The small stainless steel framing square measures angles, squareness, and finds pipe's centerline.

When used with a level, the square measures drops in inches per foot to determine slope. The square is marked in ⅛" increments.



| PART NO | DESCRIPTION                          | DIMENSIONS          |                          |
|---------|--------------------------------------|---------------------|--------------------------|
| D256    | Small Stainless Steel Framing Square | 8" x 12" x ⅛" thick | 203 x 305 x 1.6 mm thick |

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# FLANGE SQUARES



Designed for the precise adjustment of flanges in tube/pipe construction.



| PART NO | DESCRIPTION  | SIZE      |                 |
|---------|--|-----------|-----------------|
| TFSQ300 | Flange square 300 x 300 mm / 30 x 5 mm cross section | 12" x 12" | 300 mm x 300 mm |
| TFSQ400 | Flange square 400 x 400 mm / 30 x 5 mm cross section | 16" x 16" | 400 mm x 400 mm |
| TFSQ500 | Flange square 500 x 500 mm / 30 x 5 mm cross section | 20" x 20" | 500 mm x 500 mm |