



GEOMETRICAL MODELS



MODELS OF PENETRATION

Series of models in hard wood, polished, illustrating the curves formed on the surfaces of solids by penetration, are a real asset as lecture or draughting aids. The sizes average about 5cm (2in) to 7.5cm (3in) diameter and 12.5cm (5in) to 15cm (6in) in height. The two solids of inter-penetration are made one of dark and one of light wood, the curves of intersection are very clearly shown. Average height 15cm (6in).

The models are available in a set or may be ordered individually.

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| P1091 | Sphere and Triangular Prism | P1103 | Anchor Ring and Cylinder |
| P1092 | Two Square Prism and Square Prism | P1104 | Sphere and Square Prism |
| P1093 | Hexagonal Prism and Square Prism | P1105 | Sphere and Cylinder, eccentrically |
| P1094 | Two Cylinders, equal size | P1106 | Hexagonal Prism and Cylinder |
| P1095 | Triangular Prism and Cylinder | P1107 | Hexagonal Prism and Cone |
| P1096 | Cone and Square Prism | P1108 | Cylinder and Cone (penetrant) |
| P1097 | Cone and Cylinder, eccentrically | P1109 | Hexagonal Pyramid and Square Prism |
| P1098 | Cone and Cylinder | P1110 | Two Cones |
| P1099 | Sphere and Square Pyramid | P1111 | Dome and Cylinder |
| P1100 | Sphere and Cone | P1112 | Spheroid and Cylinder |
| P1101 | Two Cylinders, obliquely | P1113 | Complete set of the 22 models of Penetration, in box |
| P1102 | Two Cylinders, unequal | | |



WHITE SECTIONAL MODELS with sectioned surfaces painted red.

Average height 25cm (10in).

- P1121 Cone with 4 sections
- P1122 Frustrum of Cone
- P1123 Hexagonal Prism, with oblique section
- P1124 Hexagonal Pyramid, with oblique section
- P1125 Pentagonal Prism, with oblique section
- P1126 Pentagonal Pyramid, with oblique section
- P1127 Triangular Prism, with oblique section
- P1128 Triangular Pyramid, with oblique section
- P1129 Square Pyramid, with oblique section
- P1130 Cylinder, with oblique section
- P1131 Square Prism, with section, to illustrate a fundamental proposition in handrailing

- P1132 *Tetrahedron
- P1133 *Cube
- P1134 *Octahedron, not in section
- P1135 *Dodecahedron
- P1136 *Icosahedron
- P1137 Sphere
- P1140 **Complete set of 17 models**

* These regular bodies are of such a size as may be enveloped by a sphere P1137. The six models thus form a comparative set. Their average height is 20cm (8in).

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