



Stranding Dies

Approach The Die Specialists Today!

Experience the BI Competitive Edge

- **Lowest Price Per Cost**

High Quality Raw-Material used by us reduces hidden costs associated with lower quality products.

- **Precision Parts & Superior Design**

Our Products have long-lasting lifespan, thereby ensuring lesser die-requirement, helping achieve saving on downtime, labor and dies cost, as fewer dies do MORE!

- **Premium Customer Service**

For any rush or any clarification about your dies, don't worry! Rest assured! We are dedicated to your success, making your job easier!

Contact Us

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MANUFACTURER'S & SUPPLIER'S OF QUALITY PRODUCTS:

WIRE, TUBES & ROD DRAWING DIES - DIAMOND - PCD - COMPACTING - COATING - WIRE STRAIGHTENING
- HEADING - GRIPPER - EXTRUSION DIES - WIRE GUIDING NOZZLES - POWDERED & GRANULAR CHARCOAL -
WIRE DRAWING LUBRICANTS - WIRE CUTTERS - PULLING-IN-DOGS - METALLURGICAL MICROSCOPE FOR DIE TESTING

Stranding dies also commonly known as bunching dies, compacting dies, or cabling dies, are used in manufacturing compact cable. These dies allow multiple wire strands to come into same die, thereby creating compact-cable. Stranding dies can be used for guiding or moving through and even exit for wire strands while forming compact-cable.



Bharat Industries has been into manufacturing Compacting Dies for over 25 years. We manufacture Stranding dies with different nib materials, including Tungsten Carbide, Polycrystalline Diamond (PCD), and Synthetic Single Crystal (SSD). As per your cable size, we manufacture Stranding Dies in sizes ranging from 0.38 mm to nearly 35mm. Over these years we have worked over with our esteemed clients and have understood well the requirements of Bunching dies for making compact-cables. With this immense experience, we can assure you the finest service!

Basic Geometry

The die geometry of Stranding dies is no different from other drawing dies. The only exception to this is a considerably increased reduction angle.

- **Bell:** The Bell of a Stranding Die has to be kept broad enough so that the arriving wires from the lay-plate enter in without any scraping.
- **Tolerance:** It is generally +/-1% of the hole diameter.

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- **Reduction Angle:** The wider reduction angle allows much better blend from bell to the reduction angle.
- **Bearing Length:** Since, stranding dies are used to gather the wires entering from lay plate into the cable machine, the bearing length is not significant. In case of concentric and unilayer constructions, bearing length is kept longer to hold wire uniformly as they enter machine.
- **Die Surface:** The Die-surface should be well-blended devoid of any sharp edges.



Technical Specification

| Nib Material | Die Size(mm) |
|--|--------------|
| Carbide, PCD, Natural Diamond, Synthetic Single Diamond, Ceramic | 0.38-35 |