

# Overmolding Screws

## Screws for plastic

### DESCRIPTION:

Overmolding screws are designed to be **integrated into plastic components** via injection molding. The special head geometry **prevents rotation and tearing**, making Overmolding screws ideal for demanding applications in **e-mobility**, such as securing cable lugs in power distribution boxes.

**Fully customizable** in dimensions and geometries, these bolts offer a **reliable** and **cost-effective** solution.

### FEATURES & ADVANTAGES:

- Tailored to meet precise customer specifications, **offering flexibility for a wide range of applications**.
- From **cold forging to packaging**, all processes made in-house, ensuring quality control and effectiveness at each stage of production
- Provide **secure attachment** with a special head design optimized for injected plastic components.



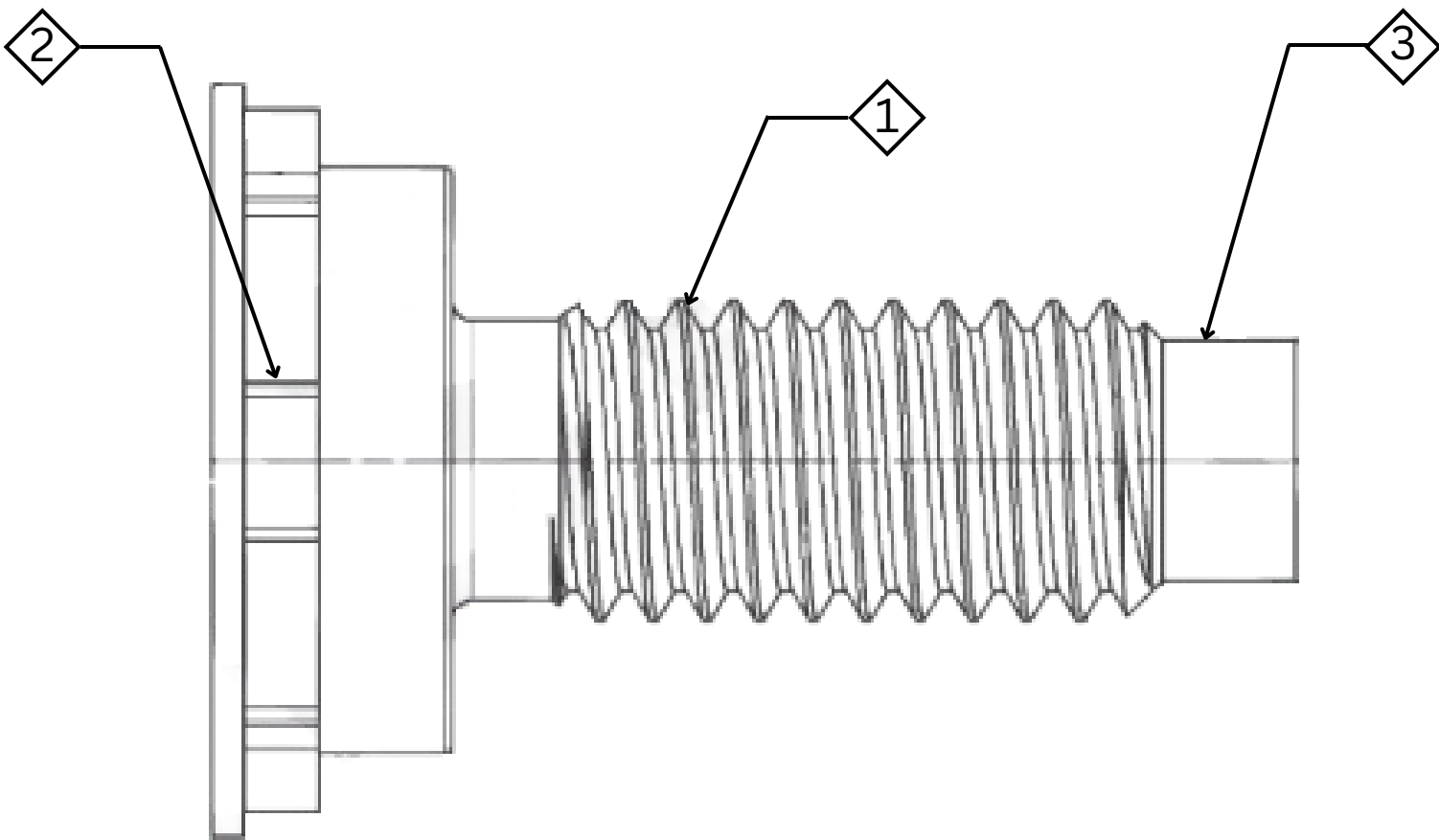
- **Strong resistance** to stress factors like rotation and pull-out, ensuring performance over time.
- Suitable for a wide range of industries and applications, including **e-mobility**, **automotive**, and **power distribution**.

*Watch our video !*



*"Shape & share sustainable links"*

TECHNICAL INFORMATION:



- *Finishes and after treatment: organic, electrolytic, phosphated, oiled coatings, etc.*
- *Addition of microcapsulated and patches, wax lubricant, etc.*

|   |                                                                                                                                                                                                                     |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Metric thread from <b>M4 to M10</b> . <b>Special threads</b> upon request from Ø4.0 mm up to Ø8.0 mm (tapping screw thread, thread forming thermoplastic, trilobular thread forming, etc.). Lengths 10 up to 60 mm. |
| 2 | <b>Different head shapes</b> according to the needs of the injection mold or application (shank optional)                                                                                                           |
| 3 | <b>Standard shapes of tips</b> designed to direct the screw or as a mounting drive.                                                                                                                                 |

HEAD SHAPES:

| Knurled Shank Head | Hexalobed Head | Hexagon Head + Cylindrical Shank | Hexalobed Head + Internal Hexalobed Recess | Hexalobed Head + Cylindrical Shank + Internal Hex. Recess | ON REQUEST |
|--------------------|----------------|----------------------------------|--------------------------------------------|-----------------------------------------------------------|------------|
|                    |                |                                  |                                            |                                                           |            |

POINTS & SPECIAL POINTS:

| Truncated Cone (PC) | Truncated Point (TC) | Pilot Point (PF) | Ogival Point (PO) | Chamfered End (CH) | Mathread® Point (MA) | Six Lobed Point (PS) | Hexagon Point (PH) |
|---------------------|----------------------|------------------|-------------------|--------------------|----------------------|----------------------|--------------------|
|                     |                      |                  |                   |                    |                      |                      |                    |

ON REQUEST