

Ejector Pin

From Engineering Dictionary

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English: Ejector Pin

It is called an extrusion pin. The pin put in to the mold & die to extrude from the mold & die and to take out the molded article is said. Because high wear resisting and toughness are requested, hardness uses the raw material of HRC55 or more in the special tool steel system. Moreover, taking out improves because the extrusion load that enlarge the area of one pin increasing the number of the pin averages to the molded article is applied though you should extrude as much as possible to prevent the molded article being transformed by a wide area. Air and the gas vent that remains of the niche of the hole for ejector pin in the mold & die are exhausted outside the mold & die, and there is a role to often do the raw material filling to the mold & die, too.

