

Title (en)

PRESSURE DIE FOR COLD-DRAWING AND INSERTS FOR A PRESSURE DIE

Title (de)

DRUCKMATRIZE ZUM KALTZIEHEN UND EINSÄTZE FÜR EINE DRUCKMATRIZE

Title (fr)

FILIÈRE SOUS PRESSION POUR TRÉFILAGE À FROID ET INSERTS POUR FILIÈRE SOUS PRESSION

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Application

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Abstract (en)

[origin: WO2019186421A1] A pressure die (1) comprising a die housing (10), a single pressure insert (30), a single drawing insert (40) and a locking ring (20) configured to lock the pressure insert (30 with respect to the die housing (10) is described, wherein said die housing (10) comprises a conical longitudinal through-hole having a taper angle; and wherein said pressure insert (30) and said drawing insert (40) are tapered with a taper angle complementing the taper angle of the conical longitudinal hole and have dimensions such that, when inserted into the conical longitudinal hole, they are not in contact with each other and define a pressure chamber (50) for a drawing lubricant. The invention also relates to a kit comprising a pressure insert and a drawing insert.

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