US005626047A

United States Patent [19]

Bello

[11] Patent Number: 5,626,047

[45] Date of Patent: May 6, 1997

[54] **FIXED DUMMY BLOCK ASSEMBLY**

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[21] Appl. No.: 556,390

[22] Filed: Nov. 13, 1995

[51] Int. Cl.[6] B21C 25/00

[52] U.S. Cl. 72/273

[58] Field of Search 72/273, 273.5, 72/253.1, 478, 264, 265, 272, 255

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[57] ABSTRACT

An improved fixed dummy block assembly to be used with a heavy duty metal extrusion assembly including a hydraulic press and a billet container. The assembly includes a stem connected with the press in axial alignment with the billet container so as to be pushed by the press towards an open inlet end of the billet container. Further, the stem, which is generally elongate and includes a first end having an axial socket extending into the stem therethrough, is structured to receive an exterior dummy block member therein within the axial socket. The exterior dummy block member includes an expansion segment and a connector segment, the connector segment being structured to be axially and slidingly inserted into the axial socket of the stem so as to be securely, yet removably locked in place without the use of any threads. The expansion segment of the exterior dummy block member includes an open interior area having a bell head containment portion and a bell stem containment portion into which a compression bell is inserted and secured. The bell itself has a bell head which fits in the bell head containment portion and bell connector stem which extends into the bell stem containment portion and is secured therein in a threadless manner such that the bell head is retained in the bell head containment portion and will protrude slightly from a front end of the expansion segment in order to engage the metal billet first and engage the expansion segment in order to outwardly flex of the surrounding wall structure of the expansion segment.

12 Claims, 2 Drawing Sheets