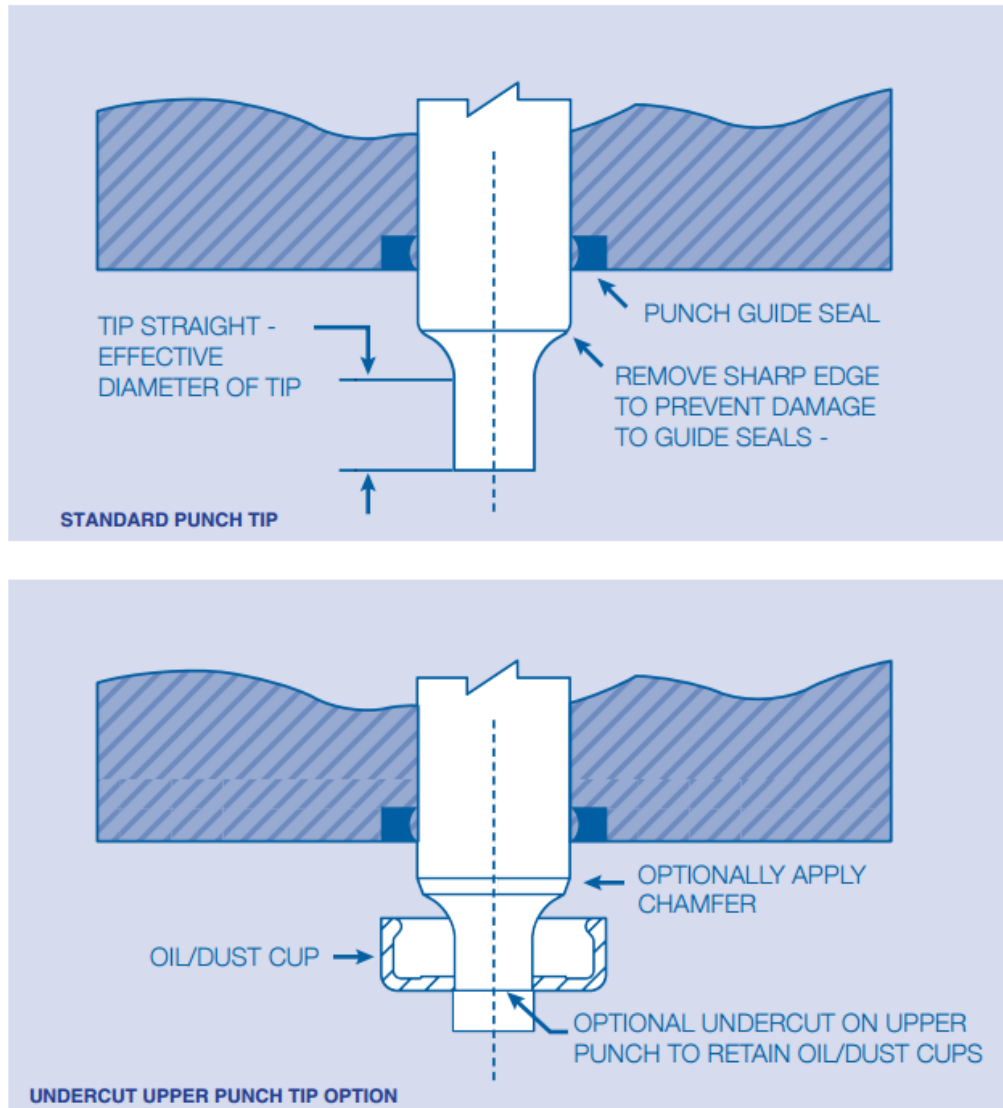


Universal Seal Grooves

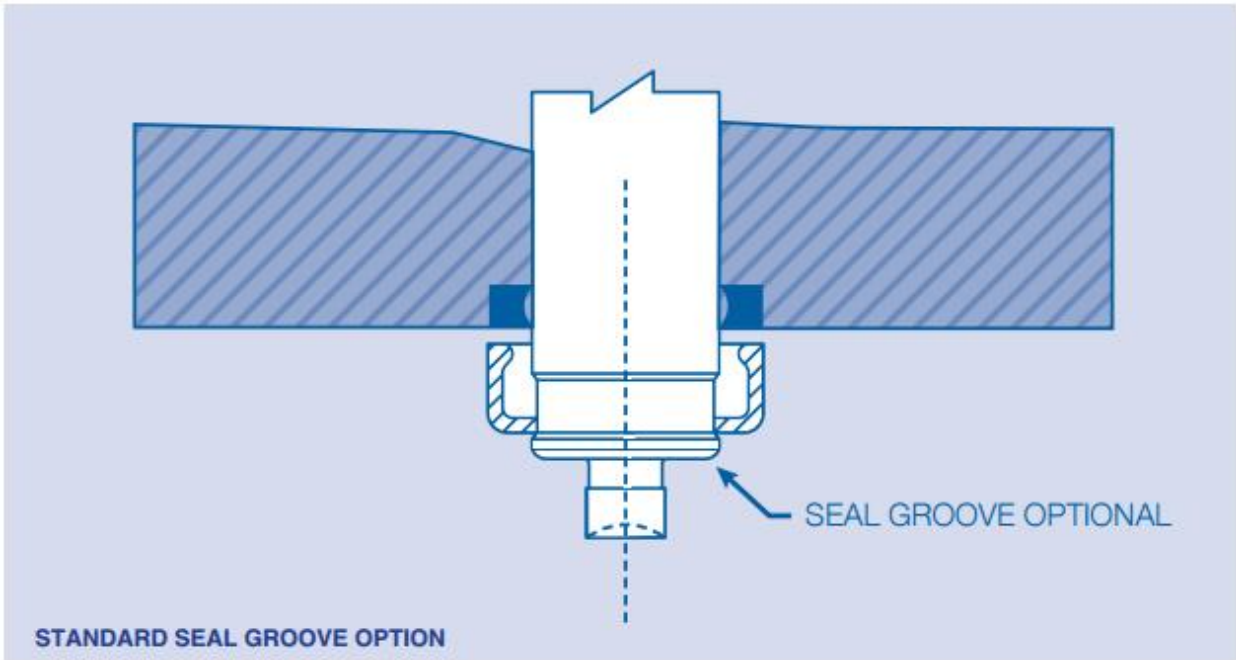
Upper Punch Configuration for I Hollands Drip cups and Bellows



The options detailed above are used with the original design of 'Standard Dust/Oil Cup.' Holes in the cups are punched by sitting the cup over the die in the press then rotating the press by hand to cut out the hole with the upper punch. The cup will then fit onto the punch tip straight. The 'Undercut Upper Punch Tip' option retains the tip more efficiently than the standard tip when the press is operated at high speed.

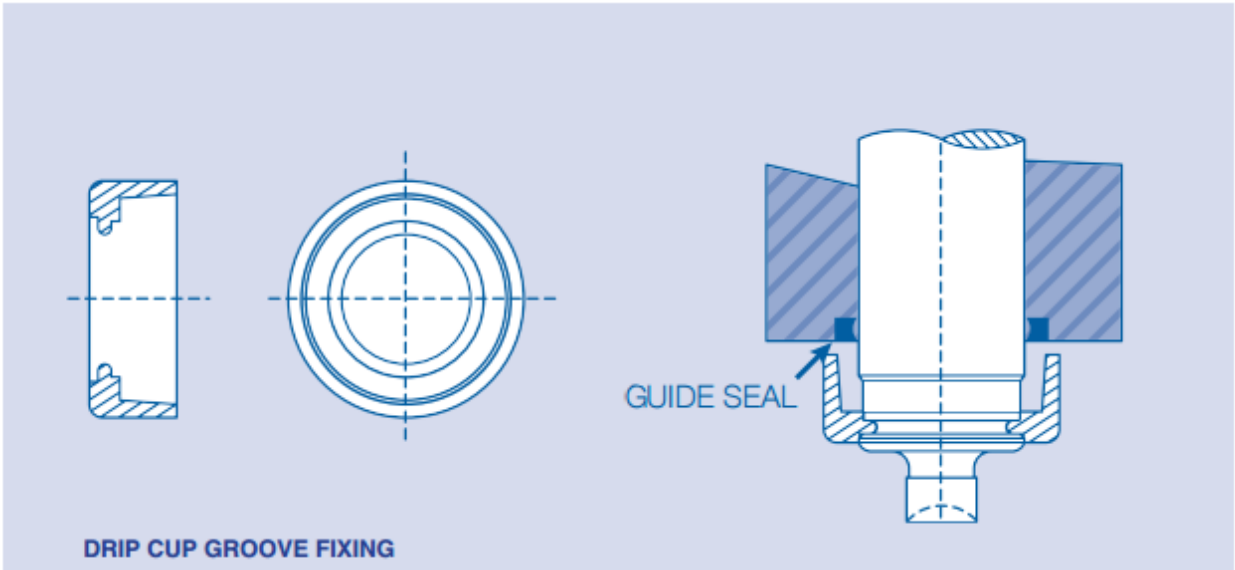
Note: The punched out part of the cup *must be removed* from the press prior to tablet production.

The option displayed below was created to allow the use of cups with a pre-determined hole and fits on the lower part of the upper punch barrel. This can be used regardless of punch tip size or shape and there is no punched out part to dispose of.

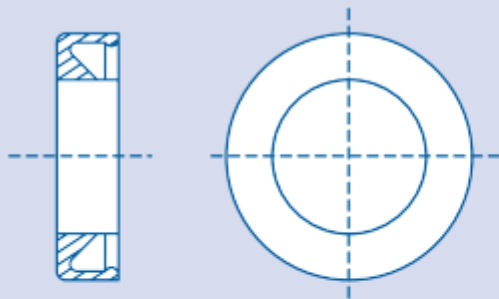


I HOLLAND UNIVERSAL SEAL GROOVE OPTION

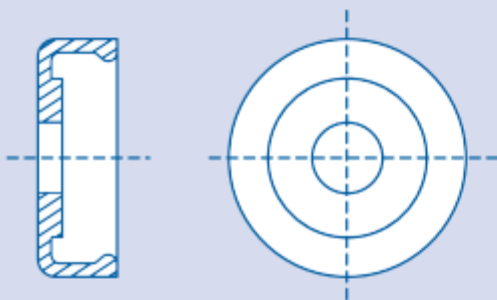
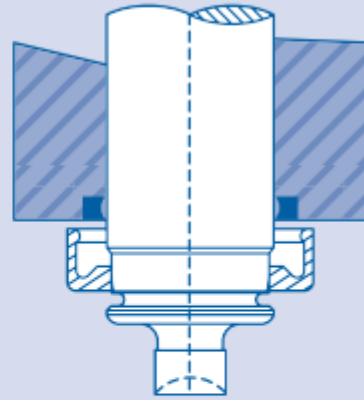
The Universal Seal Groove was invented by I Holland to accommodate all of the aforementioned types of cup and to give the option to use groove fixed Dust/Oil cups and Bellows.



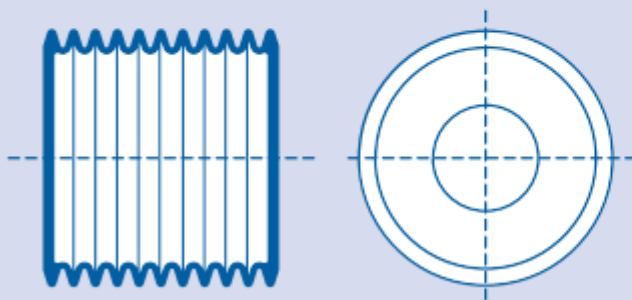
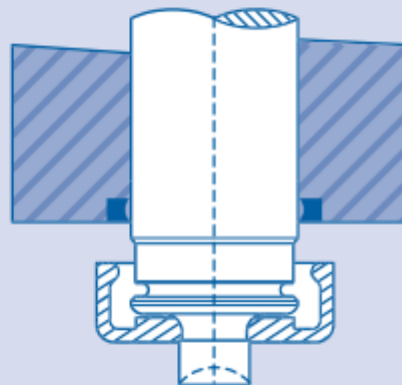
Choosing the Universal Seal Groove gives the flexibility to use all types of Drip Cup or I Holland Bellows and is not detrimental to the smooth running of the tablet press. Note: Some presses have the facility for Bellows on the lower punches for extra sealing of the lower punch guides



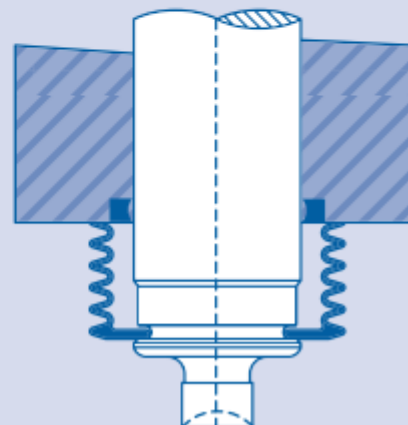
KILLIAN SEAL GROOVE OPTION



STANDARD DRIP CUP TIP FIXING



STANDARD BELLOWS



I Holland Ltd

Meadow Lane, Long Eaton, Nottingham NG10 2GD, England

Tel: +44 (0) 115 972 6153 Fax: +44 (0)115 973 1789 Email: info@iholland.co.uk