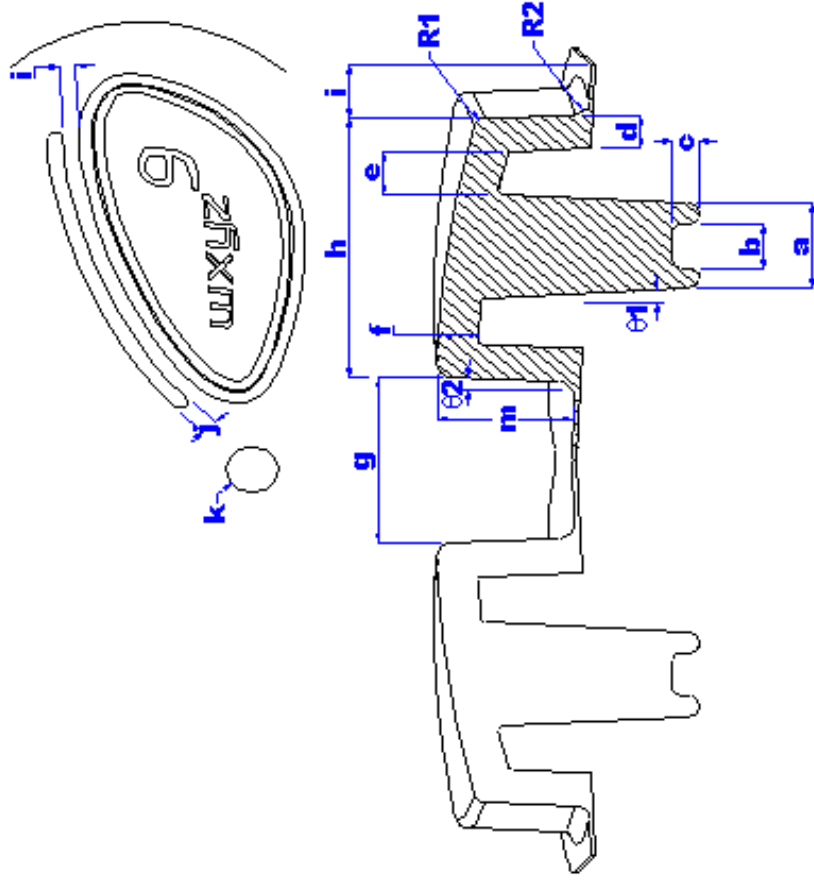


# IMD Keypad



# Design Guide

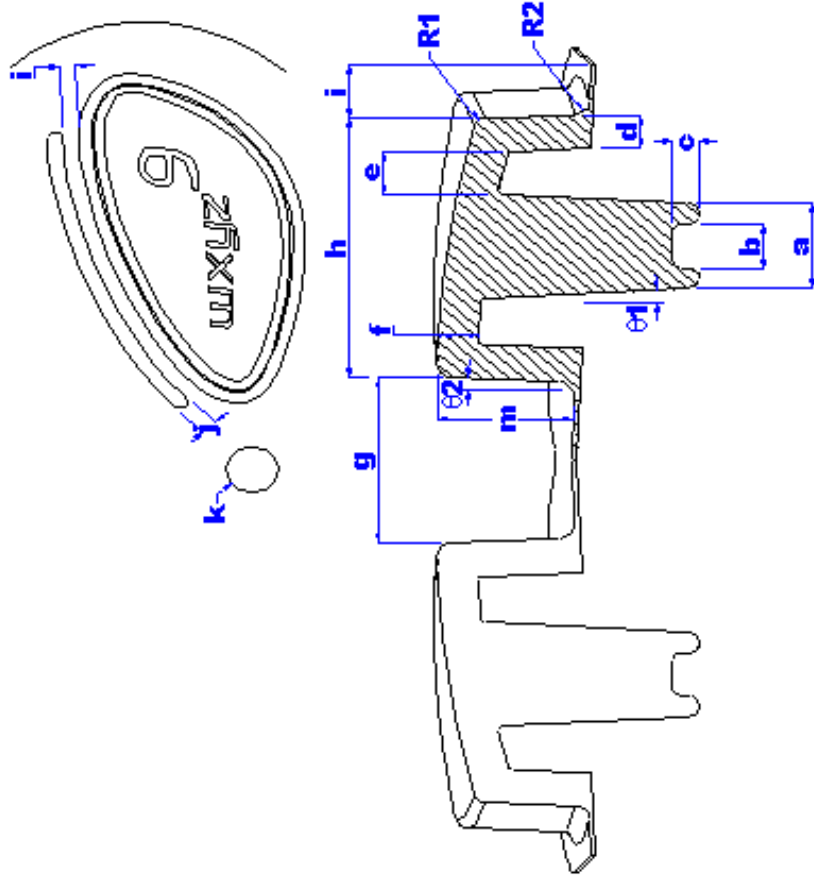
## Structure



PD = Poly Dome  
MD = Metal Dome

- (a). Plunger Size:  $\phi$  2.5 mm for PD  
 $\phi$  2.0 mm for MD
- (b). Recess Size for Gate: 1.2 mm Min.
- (c). Recess Depth: 0.6 mm Min.
- (d). Key Wall Thickness: 0.8 mm Min.
- (e). Space between Plunger & Key Wall: 0.4 mm Min.
- (f). Key Top Wall Thickness: 0.8 mm Min.
- (g). Key to Key Space: 2.5 mm Min.
- (h). Key Size: 4 mm Min.
- (i). Cut to Key Edge: 0.5mm Min.
- (j). Slot Width: 0.8mm Min.

## Structure



(k). Hole Size:  $\phi$  1.0 mm Min.

(m). Key Height: 3.5mm Max.

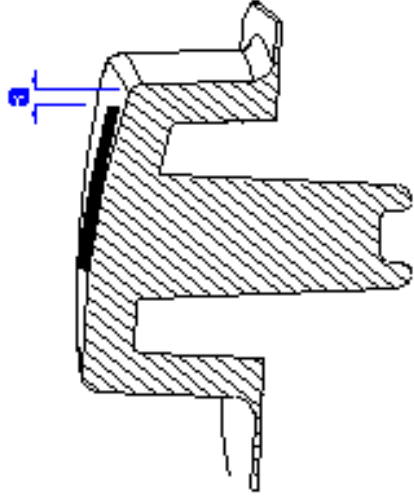
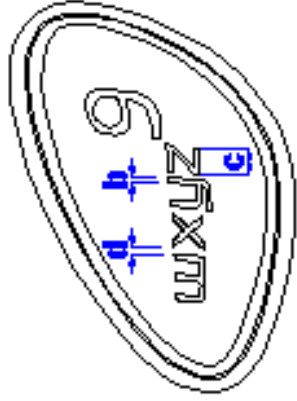
(R1). Radius of Key Top Edge: R0.2 mm Min.

(R2). Radius of Key Bottom: R0.2 mm Min.

( $\theta 1$ ). Key Draft Angle:  $1^\circ$

( $\theta 2$ ). Plunger Draft Angle:  $3^\circ$

## Printing



**(a). Legend Edge to Key Top Edge:** 0.4mm Min.

**(b). Line Width:** 0.2mm Min.

**(c). Text Size:** 1mm x 1mm Min.

**(d). Clearance Between 2 Text:** 0.2mm Min.

## Production process

