

## BROACHING INSERTS- IPCBR/ICBFH/ISCBR

### NOTES

Broaching fasteners provide strong reusable thread in non-ductile material such as printed circuit boards, polycarbonates, acrylics, resins, epoxy etc. Broaching parts can also be installed into aluminum as alternative to self-clinching fasteners.



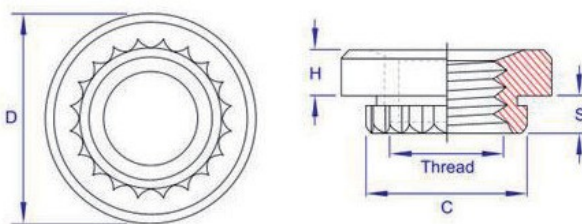
### IPCBR

| THREAD AND PITCH | S Max | C    | D    | H   | Min Sheet Thickness | Hole Size +0.08 | Min Dist to Edge |
|------------------|-------|------|------|-----|---------------------|-----------------|------------------|
| M2.5             | 1,5   | 4,60 | 5,56 | 1,5 | 1,5                 | 4,2             | 4,4              |
| M3               | 1,5   | 4,60 | 5,56 | 1,5 | 1,5                 | 4,2             | 4,4              |
| M4               | 1,5   | 6,75 | 8,74 | 2,0 | 1,5                 | 6,4             | 6,4              |
| M5               | 1,5   | 7,30 | 9,53 | 3,0 | 1,5                 | 6,9             | 7,1              |

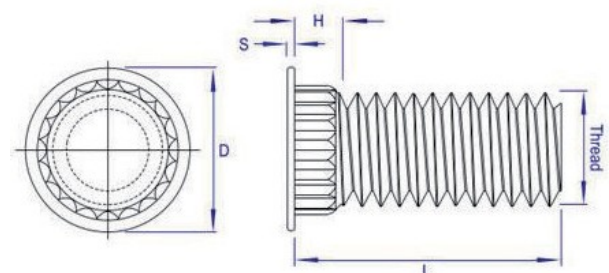
### ICBFH

| THREAD AND PITCH | Hole Size +0.08 | Min sheet thickness | D +/- 0.25 | H Max | S +/- 0.13 | Min Dist to Edge | Length +0.25    |
|------------------|-----------------|---------------------|------------|-------|------------|------------------|-----------------|
| M3               | 3,0             | 1,5                 | 4,58       | 2,8   | 0,51       | 3,8              | 6 8 10 12 15 18 |
| M4               | 4,2             | 1,5                 | 5,74       | 2,8   | 0,51       | 5,1              | 8 10 12 15 18   |
| M5               | 5,0             | 1,5                 | 6,60       | 2,8   | 0,51       | 5,3              | 15 18           |

### IPCBR



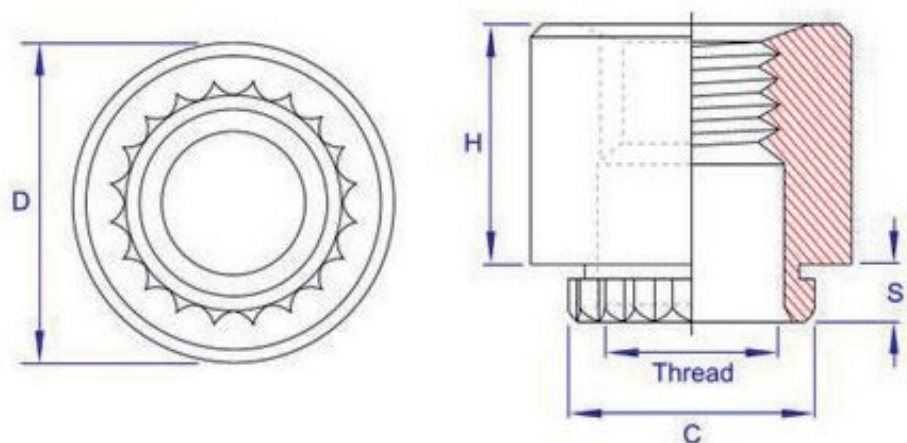
### ICBFH



## ISCBR

| THREAD AND PITCH | S Max                    | C +/- 0.08 | D +/- 0.13 | Min Sheet Thickness | Hole Size + 0.08                   | Min Dist to Edge | Length + 0.25       |
|------------------|--------------------------|------------|------------|---------------------|------------------------------------|------------------|---------------------|
| M2.5 / 3         | 1,5                      | 4,68       | 5,56       | 1,5                 | 4,2                                | 4,4              | 3 4 6 8 10 12 14 16 |
| M4               | 1,5                      | 6,75       | 8,74       | 1,5                 | 6,4                                | 6,4              | 3 4 6 8 10 12 14 16 |
| M5               | 1,5                      | 7,30       | 9,53       | 1,5                 | 6,9                                | 7,1              | 3 4 6 8 10 12 14 16 |
| Minimum thread   | 3 4 6 8 totally threaded |            |            |                     | 10 12 14 16 Thread of 9.00 +/- 0.4 |                  |                     |

## ISCBR



### MATERIALS AND PLATING

- Carbon Steel
- 300 series Stainless Steel
- Bright Zinc
- Electro plated bright Tin