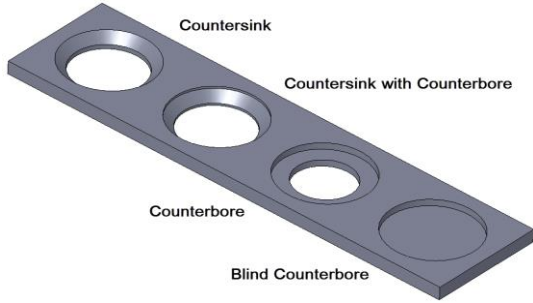
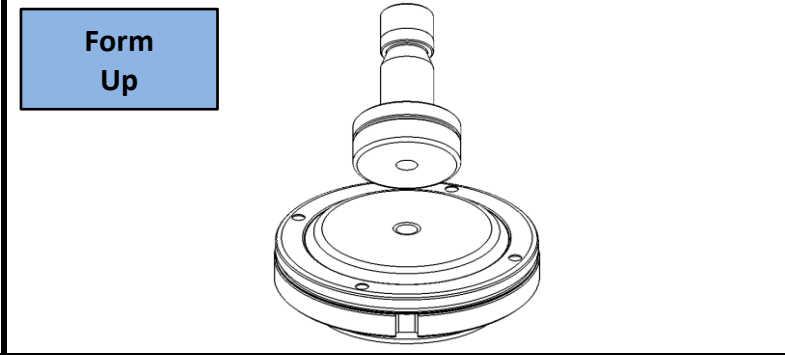
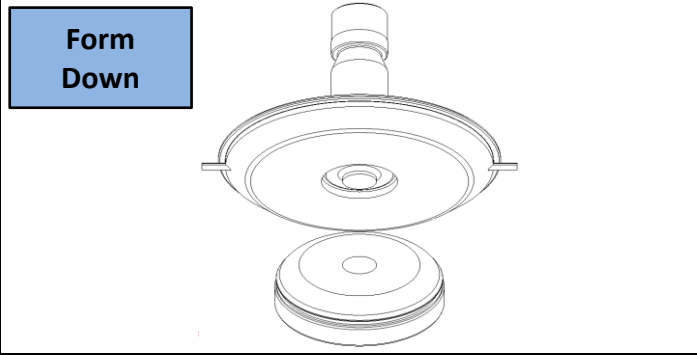


Countersink & Counterbore - Round

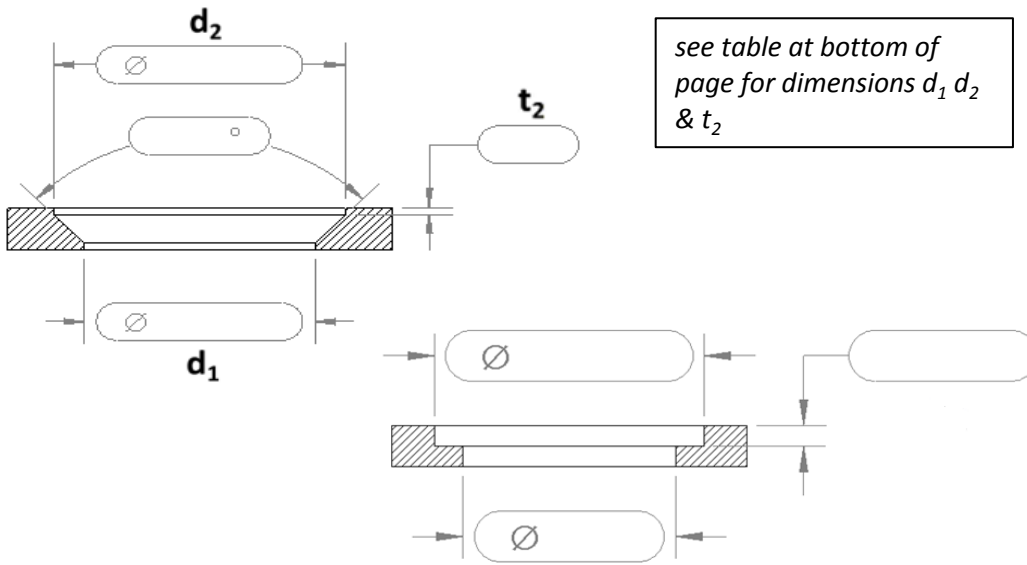


Typical Applications:-

- Non cutting process for screws & rivets, remove secondary processes



| Size | Tool Type | Cat No° | Price | Delivery | Cat No° | Price | Price |
|------|-----------|---------|-------|----------|---------|-------|--------|
| 1 | Inserted | 25331 | € 389 | 2 Days | 25565 | € 623 | 2 Days |
| 1 | Solid | 25115 | € 267 | | | | |
| 2 | | S490 | € 558 | | | | |



| | | |
|---|-----------------------------|-----------------------------|
| Company Name | | |
| | | |
| Customer Number (If Known) | | |
| | | |
| Contact Person | | |
| | | |
| <input type="checkbox"/> Quote Only | | |
| <input type="checkbox"/> Order Number (Specify) | | |
| Machine Type & Model | | |
| | | |
| Material Type | | |
| <input type="checkbox"/> AL | <input type="checkbox"/> MS | <input type="checkbox"/> SS |
| <input type="checkbox"/> Other _____ | | |
| Sheet Thickness (S) | | |
| | | |

Ordering Tips & Advice:-

- **Important - Advise if any specific tolerances apply to any dimensions**
- Solid style is default for countersinks in materials 3mm and above and all sizes of counterbore
- Ø10 maximum d_2 dimension for inserted option
- Ordering with pilot helps control hole shape and size
- Lubricate the sheet prior to forming using Xcel™ spray to help the material flow more easily
- Optiglide™ die cap reduces sheet marking on the underside of the sheet when upforming (adds £50 & 1 day)
- Tool with pilot helps control and maintain hole size & shape consistency

| DIN 74 | | | | | | | | | | |
|------------|----------------------------------|-------|---------------|-------|-------|------------------------------|-------|---------------|-------|-------|
| Screw Size | Slotted or Philips Headed Screws | | | | | Hexagon Socket Headed Screws | | | | |
| | Medium Type (m) | | Fine Type (f) | | | Medium Type (m) | | Fine Type (f) | | |
| | d_1 | d_2 | d_1 | d_2 | t_2 | d_1 | d_2 | d_1 | d_2 | t_2 |
| M3 | 3.4 | 6.5 | 3.2 | 6.0 | 0.25 | 3.4 | 6.6 | 3.2 | 6.3 | 0.20 |
| M4 | 4.5 | 8.6 | 4.3 | 8.0 | 0.30 | 4.5 | 9.0 | 4.3 | 8.3 | 0.30 |
| M5 | 5.5 | 10.4 | 5.3 | 10.0 | 0.20 | 5.5 | 11.0 | 5.3 | 10.4 | 0.30 |
| M6 | 6.6 | 12.4 | 6.4 | 11.5 | 0.45 | 6.6 | 13.0 | 6.4 | 12.4 | 0.30 |
| M8 | 9.0 | 16.4 | 8.4 | 15.0 | 0.70 | 9.0 | 17.2 | 8.4 | 16.5 | 0.40 |
| M10 | 11.0 | 20.4 | 10.5 | 19.0 | 0.70 | 11.0 | 21.5 | 10.5 | 20.5 | 0.50 |

d_1 may not be achievable if material is too thin

| | |
|---|--|
| Form Direction | |
| <input type="checkbox"/> Downwards | <input type="checkbox"/> Upwards |
| OptiGlide Die Cap (Up Only) | |
| <input type="checkbox"/> Yes (adds €75 & 1 extra day) | <input type="checkbox"/> No |
| Punch Style | |
| <input type="checkbox"/> Classic | <input type="checkbox"/> Alignment Ring Required |
| <input type="checkbox"/> 241 | <input type="checkbox"/> 241 Holder Required |
| Stripper type (Down Only) | |
| <input type="checkbox"/> Steel - Standard | <input type="checkbox"/> Urethane - Optional |
| Pilot Required | |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |