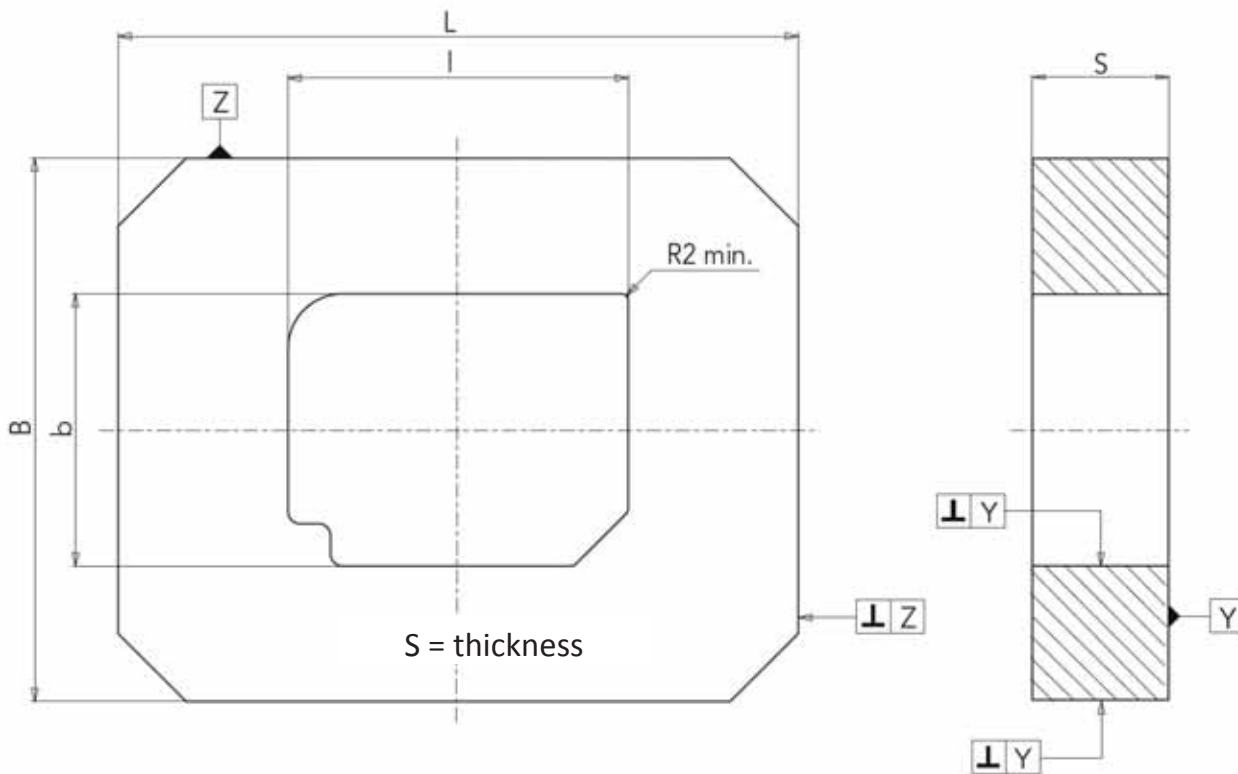


Thread and Countersunk Dimensions

| d1 | Pitch mm | d2 | t1 | t2 | d3 | d4 | t4 |
|-----|----------|------|----|-----|------|------|------|
| M3 | 0.5 | 2.5 | 6 | 10 | 3.5 | 6.5 | 3.5 |
| M4 | 0.7 | 3.3 | 8 | 12 | 4.5 | 8.0 | 4.5 |
| M5 | 0.8 | 4.2 | 10 | 14 | 5.5 | 9.5 | 6.0 |
| M6 | 1.0 | 5.0 | 11 | 15 | 6.6 | 11.0 | 7.0 |
| M8 | 1.25 | 6.8 | 14 | 20 | 9.0 | 15.0 | 9.0 |
| M10 | 1.5 | 8.5 | 19 | 25 | 11.0 | 18.0 | 11.0 |
| M12 | 1.75 | 10.2 | 25 | 32 | 14.0 | 20.0 | 13.0 |
| M14 | 2.0 | 12.0 | 25 | 32 | 16.0 | 24.0 | 15.0 |
| M16 | 2.0 | 14.0 | 28 | 34 | 18.0 | 26.0 | 17.0 |
| M18 | 2.5 | 15.5 | 32 | 40 | 20.0 | 29.0 | 19.5 |
| M20 | 2.5 | 17.5 | 33 | 42 | 22.0 | 32.0 | 21.5 |
| M22 | 2.5 | 19.5 | 37 | 48 | 24.0 | 35.0 | 23.5 |
| M24 | 3.0 | 21.0 | 38 | 52 | 26.0 | 38.0 | 25.5 |
| M27 | 3.0 | 24.0 | 46 | 60 | 29.0 | 42.0 | 28.5 |
| M30 | 3.5 | 26.5 | 55 | 70 | 32.0 | 48.0 | 32.0 |
| M36 | 4.0 | 32.0 | 65 | 85 | 39.0 | 57.0 | 38.0 |
| M42 | 4.5 | 37.5 | 75 | 95 | 45.0 | 66.0 | 44.0 |
| M48 | 5.0 | 43.0 | 85 | 110 | 52.0 | 76.0 | 50.0 |



Tolerances / Allowance for Machining

| B / L b/l | S Maximum | Mat Allowance B / L-b/l | Tolerance B/L-b/l | Available Material | Available Material |
|--------------|--------------|----------------------------|----------------------|--------------------|--------------------|
| <400 | <140 | 8mm | -2.0mm | S355 WA | TX33 |
| <600 | <140 | 9mm | -2.0mm | S355 WA | TX33 |
| <600 | <165 | 10mm | -3.0mm | S355 WA | TX33 |
| ⊥ Y | 1.0 / 100mm | | | | |
| ⊥ Z | 0.2 / 100mm | | | | |