

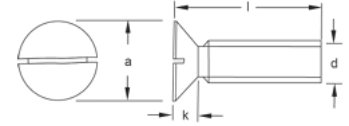
# Metal threads & self tappers

## Countersunk Head Machine Screws

Metric, Slotted Drive



AS/NZS 1427



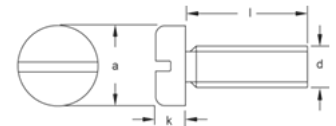
| Diameter | Pitch mm | a mm  |       | k mm |      |
|----------|----------|-------|-------|------|------|
|          |          | Min   | Max   | Min  | Max  |
| M2.5     | 0.45     | 4.40  | 4.70  | 1.30 | 1.50 |
| M3       | 0.50     | 5.20  | 5.50  | 1.43 | 1.65 |
| M3.5     | 0.60     | 6.90  | 7.30  | 1.69 | 2.35 |
| M4       | 0.70     | 8.00  | 8.40  | 1.94 | 2.70 |
| M5       | 0.80     | 8.90  | 9.30  | 2.20 | 2.70 |
| M6       | 1.00     | 10.90 | 11.30 | 2.66 | 3.30 |
| M8       | 1.25     | 15.40 | 15.80 | 3.58 | 4.65 |
| M10      | 1.50     | 17.80 | 18.30 | 4.50 | 5.00 |

## Pan Head Machine Screws

Metric, Slotted Drive



AS/NZS 1427



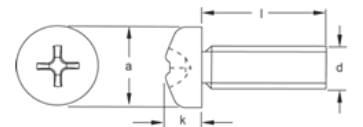
| Diameter | Pitch mm | a mm  |      | k mm |     |
|----------|----------|-------|------|------|-----|
|          |          | Min   | Max  | Min  | Max |
| M2.5     | 0.45     | 4.70  | 5.0  | 1.36 | 1.5 |
| M3       | 0.50     | 5.30  | 5.6  | 1.66 | 1.8 |
| M3.5     | 0.60     | 6.64  | 7.0  | 1.96 | 2.1 |
| M4       | 0.70     | 7.64  | 8.0  | 2.26 | 2.4 |
| M5       | 0.80     | 9.14  | 9.5  | 2.86 | 3.0 |
| M6       | 1.00     | 11.57 | 12.0 | 3.30 | 3.6 |
| M8       | 1.25     | 15.57 | 16.0 | 4.50 | 4.8 |
| M10      | 1.50     | 19.48 | 20.0 | 5.70 | 6.0 |

## Pan Head Machine Screws

Metric, Cross Recess Drive



AS/NZS 1427



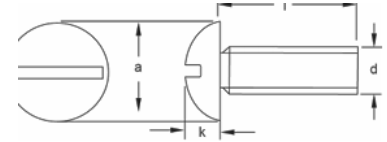
| Diameter | Pitch mm | a mm |      | k mm |      |
|----------|----------|------|------|------|------|
|          |          | Min  | Max  | Min  | Max  |
| M2.5     | 0.45     | 4.7  | 5.0  | 1.96 | 2.10 |
| M3       | 0.50     | 5.3  | 5.6  | 2.26 | 2.40 |
| M3.5     | 0.60     | 6.6  | 7.0  | 2.46 | 2.60 |
| M4       | 0.70     | 7.6  | 8.0  | 2.92 | 3.10 |
| M5       | 0.80     | 9.1  | 9.5  | 3.52 | 3.70 |
| M6       | 1.00     | 11.6 | 12.0 | 4.30 | 4.60 |
| M8       | 1.25     | 15.6 | 16.0 | 5.70 | 6.00 |
| M10      | 1.50     | 19.5 | 20.0 | 7.14 | 7.50 |

# Metal threads & self tappers

## Mushroom Head Machine Screws

Metric, Slotted Drive

✓ AS/NZS 1427

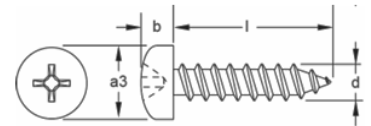


| Diameter | Pitch mm | a mm |      | k mm |     |
|----------|----------|------|------|------|-----|
|          |          | Min  | Max  | Min  | Max |
| M3       | 0.50     | 6.5  | 6.9  | 1.7  | 1.9 |
| M4       | 0.70     | 8.9  | 9.4  | 2.3  | 2.5 |
| M5       | 0.80     | 11.2 | 11.8 | 2.9  | 3.1 |
| M6       | 1.00     | 13.2 | 13.9 | 3.4  | 3.6 |
| M8       | 1.25     | 17.0 | 17.9 | 4.1  | 4.7 |

## Cross Recess Drive Self Tapping Screws type AB

Pan Head

✓ ASME B18.6.3

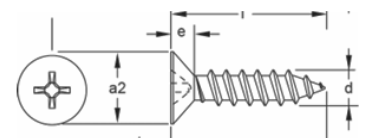


| Diameter Gauge No. | Pitch TPI | a3    |       | b     |       |
|--------------------|-----------|-------|-------|-------|-------|
|                    |           | Min   | Max   | Min   | Max   |
| 2                  | 32        | 0.155 | 0.167 | 0.053 | 0.062 |
| 3                  | 28        | 0.180 | 0.193 | 0.062 | 0.071 |
| 4                  | 24        | 0.205 | 0.219 | 0.070 | 0.080 |
| 5                  | 20        | 0.231 | 0.245 | 0.079 | 0.089 |
| 6                  | 20        | 0.256 | 0.270 | 0.087 | 0.097 |
| 7                  | 19        | 0.281 | 0.296 | 0.096 | 0.106 |
| 8                  | 18        | 0.306 | 0.322 | 0.105 | 0.115 |
| 10                 | 16        | 0.357 | 0.373 | 0.122 | 0.133 |
| 12                 | 14        | 0.407 | 0.425 | 0.139 | 0.151 |
| 1/4                | 14        | 0.473 | 0.492 | 0.162 | 0.175 |
| 5/16               | 12        | 0.594 | 0.615 | 0.203 | 0.218 |
| 3/8                | 12        | 0.716 | 0.740 | 0.244 | 0.261 |

## Cross Recess Drive Self Tapping Screws type AB

Flat Countersunk Head

✓ ASME B18.6.3



| Diameter Gauge No. | Pitch TPI | a2    |       | e     |
|--------------------|-----------|-------|-------|-------|
|                    |           | Min   | Max   | Ref   |
| 2                  | 32        | 0.144 | 0.162 | 0.051 |
| 3                  | 28        | 0.167 | 0.187 | 0.059 |
| 4                  | 24        | 0.191 | 0.212 | 0.067 |
| 5                  | 20        | 0.215 | 0.237 | 0.075 |
| 6                  | 20        | 0.238 | 0.262 | 0.083 |
| 7                  | 19        | 0.262 | 0.287 | 0.091 |
| 8                  | 18        | 0.285 | 0.312 | 0.100 |
| 10                 | 16        | 0.333 | 0.362 | 0.116 |
| 12                 | 14        | 0.380 | 0.412 | 0.132 |
| 1/4                | 14        | 0.442 | 0.477 | 0.153 |
| 5/16               | 12        | 0.556 | 0.597 | 0.191 |
| 3/8                | 12        | 0.670 | 0.717 | 0.230 |