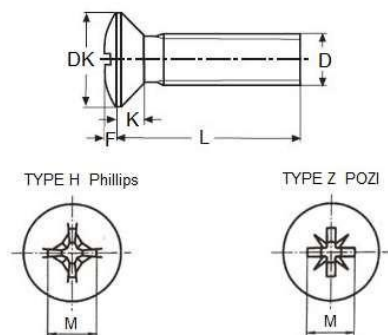




Product Dimensions and Weights

DIN 966 / ISO 7047 Specifications

Metric DIN 966 Oval Head Phillips Machine Screws



Dimensions of Metric DIN 966 Cross Recessed Raised Countersunk (Oval) Head Machine Screws

| Thread d | | | | M1.6 | M2 | M2.5 | M3 | (M3.5) | M4 | M5 | M6 | M8 | M10 |
|--------------|--------------|-------------------|---------|------|------|------|------|--------|------|------|-------|-------|-------|
| P | | | | 0.35 | 0.4 | 0.45 | 0.5 | 0.8 | 0.7 | 0.8 | 1 | 1.25 | 1.5 |
| A | max. | | | 0.7 | 0.8 | 0.9 | 1 | 1.2 | 1.4 | 1.6 | 2 | 2.5 | 3 |
| B | min. | | | 15 | 16 | 18 | 19 | 20 | 22 | 25 | 28 | 34 | 40 |
| DK | nominal max. | | | 3 | 3.8 | 4.7 | 5.6 | 6.5 | 7.5 | 9.2 | 11 | 14.5 | 18 |
| | min. | | | 2.75 | 3.5 | 4.4 | 5.3 | 6.14 | 7.14 | 8.84 | 10.57 | 14.07 | 17.57 |
| F | approx. | | | 0.4 | 0.5 | 0.6 | 0.75 | 0.9 | 1 | 1.25 | 1.5 | 2 | 2.5 |
| | max. | | | 0.96 | 1.2 | 1.5 | 1.65 | 1.93 | 2.2 | 2.5 | 3 | 4 | 5 |
| r | max. | | | 0.4 | 0.5 | 0.7 | 0.8 | 0.95 | 1 | 1.3 | 1.6 | 2 | 2.5 |
| rf | approx. | | | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 12 | 16 | 20 |
| X | max. | | | 0.9 | 1 | 1.1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3.2 | 3.8 |
| Cross recess | No. | | | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 4 |
| | Type H | M | approx. | 1.9 | 2.5 | 2.7 | 3.1 | 4.2 | 4.5 | 5.3 | 6.8 | 9 | 10 |
| | | penetration depth | min. | 0.74 | 1.1 | 1.3 | 1.7 | 1.74 | 2.04 | 2.77 | 3.03 | 4.18 | 5.38 |
| | | | max. | 1.1 | 1.4 | 1.6 | 2 | 2.24 | 2.54 | 3.27 | 3.53 | 4.68 | 5.88 |
| | Type Z | M | approx. | 1.8 | 2.4 | 2.8 | 3.1 | 4.3 | 4.6 | 5.3 | 7 | 8.8 | 9.9 |
| | | penetration depth | min. | 0.89 | 1.04 | 1.5 | 1.83 | 1.93 | 2.26 | 2.89 | 3.3 | 4.06 | 5.28 |
| | | | max. | 1.14 | 1.35 | 1.75 | 2.08 | 2.39 | 2.72 | 3.35 | 3.76 | 4.52 | 5.74 |
| | | | | | | | | | | | | | |

All measurements are in mm

[illegible]



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DIN (**D**eutsches Institut für **N**ormung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as metric DIN 966 cross recessed (Phillips) raised countersunk (oval) head machine screws. The DIN standards remain common in Germany. Europe and globally even though the transition to ISO standards is taking place. DIN standards continue to be used for parts which do not have ISO equivalents or for which there is no need for standardization. The ISO equivalent of a metric DIN 966 cross recessed (Phillips) raised countersunk (oval) head machine screws is ISO 7047.