# Insulators

## Low voltage insulators

Wide range of
**polyester**
and
**polyamide**
insulators

High resistance to electrical and mechanical stress



*Protective ring against pulling out or twisting of the threaded steel part even under high stress*



## *Polyester resin with 20% fiberglass*
## *Zinc-plated steel - threaded inserts.*

### Advantages

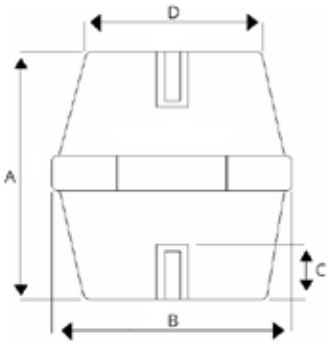
- Excellent insulation properties
- Easy fixing thanks to hexagonal perimeter
- Application flexibility with models of different size (height and width)
- High resistance to corrosion, high temperatures and electrical / mechanical stress

### Technical specifications

- Color red (RAL 3002)
- Operating temperature - 40 °C / + 130 °C
- Self-extinguishing grade UL94 - V0
- Arc resistance > 180 sec. (according to ASTM D-495)

*Products displayed here contain only selection of the range offered. Ask for availability of other dimensions and brass inserts from us!*






| | Dimensions (mm) | | | | | Mechanical characteristics | | | | Electrical characteristics | | | Package |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Order code | A | B | C | D | Thread | T.S. (daN) | C.S. (daN) | B.S. (daN) | Tightening torque (Nm) | Rated voltage at 50Hz for 60 sec. (kV) | Flashover voltage (kV AC) | Operating Voltage DC/AC (V) | (pcs) |
| MID2505H19 | 25 | HEX 19 | 8 | 15 | M5 | 400 | 2300 | 220 | 6 | 8 | 25 | 600 | 50 |
| MID2506H19 | 25 | HEX 19 | 8 | 15 | M6 | 400 | 2300 | 220 | 10,3 | 8 | 25 | 600 | 50 |
| MID3006H30 | 30 | HEX 30 | 9 | 26 | M6 | 900 | 4900 | 450 | 10,3 | 10 | 30 | 750 | 50 |
| MID3008H30 | 30 | HEX 30 | 9 | 26 | M8 | 900 | 4900 | 450 | 25,5 | 10 | 30 | 750 | 50 |
| MID3506H32 | 35 | HEX 32 | 11 | 28 | M6 | 1100 | 7000 | 500 | 10,3 | 10 | 40 | 750 | 50 |
| MID3508H32 | 35 | HEX 32 | 11 | 28 | M8 | 1100 | 7000 | 500 | 25,5 | 10 | 40 | 750 | 50 |
| MID3510H32 | 35 | HEX 32 | 11 | 28 | M10 | 1100 | 7000 | 500 | 50 | 10 | 40 | 750 | 50 |
| MID3606H41 | 36 | HEX 41 | 11 | 33 | M6 | 1400 | 8300 | 650 | 10,3 | 12 | 40 | 1000 | 50 |
| MID3608H41 | 36 | HEX 41 | 11 | 33 | M8 | 1400 | 8300 | 650 | 25,5 | 12 | 40 | 1000 | 25 |
| MID3610H41 | 36 | HEX 41 | 11 | 33 | M10 | 1400 | 8300 | 650 | 50 | 12 | 40 | 1000 | 25 |
| MID4006H46 | 40 | HEX 46 | 15 | 40 | M6 | 1300 | 8300 | 700 | 10,3 | 12 | 40 | 1000 | 20 |
| MID4008H46 | 40 | HEX 46 | 15 | 40 | M8 | 1300 | 8300 | 700 | 25,5 | 12 | 40 | 1000 | 20 |
| MID4010H46 | 40 | HEX 46 | 15 | 40 | M10 | 1300 | 8300 | 700 | 50 | 12 | 40 | 1000 | 20 |
| MID4506O41 | 45 | OCT 41 | 15 | 33 | M6 | 1400 | 8500 | 740 | 10,3 | 15 | 40 | 1000 | 25 |
| MID4508O41 | 45 | OCT 41 | 15 | 33 | M8 | 1400 | 8500 | 740 | 25,5 | 15 | 40 | 1000 | 25 |
| MID4510O41 | 45 | OCT 41 | 15 | 33 | M10 | 1400 | 8500 | 740 | 50 | 15 | 40 | 1000 | 25 |
| MID4512O41 | 45 | OCT 41 | 15 | 33 | M12 | 1400 | 8500 | 740 | 87,2 | 15 | 40 | 1000 | 25 |
| MID4506H46 | 45 | HEX 46 | 15 | 40 | M6 | 1500 | 9000 | 750 | 10,3 | 15 | 40 | 1000 | 20 |
| MID4508H46 | 45 | HEX 46 | 15 | 40 | M8 | 1500 | 9000 | 750 | 25,5 | 15 | 40 | 1000 | 20 |
| MID4510H46 | 45 | HEX 46 | 15 | 40 | M10 | 1500 | 9000 | 750 | 50 | 15 | 40 | 1000 | 20 |
| MID5006H36 | 50 | HEX 36 | 15 | 29 | M6 | 1300 | 8000 | 650 | 10,3 | 20 | 50 | 1500 | 25 |
| MID5008H36 | 50 | HEX 36 | 15 | 29 | M8 | 1300 | 8000 | 650 | 25,5 | 20 | 50 | 1500 | 25 |
| MID5010H36 | 50 | HEX 36 | 15 | 29 | M10 | 1300 | 8000 | 650 | 50 | 20 | 50 | 1500 | 25 |
| MID5012H36 | 50 | HEX 36 | 15 | 29 | M12 | 1300 | 8000 | 650 | 87,2 | 20 | 50 | 1500 | 25 |
| MID5012H50 | 50 | HEX 50 | 15 | 42 | M12 | 1500 | 9500 | 750 | 87,2 | 20 | 50 | 1500 | 20 |
| MID6008O55 | 60 | OCT 55 | 15 | 43 | M8 | 2000 | 12500 | 800 | 25,5 | 20 | 50 | 1500 | 10 |
| MID6010O55 | 60 | OCT 55 | 15 | 43 | M10 | 2000 | 12500 | 800 | 50 | 20 | 50 | 1500 | 10 |

**T.S.** - Tensile strength I **C.S.** - Compression strength I **B.S.** - Bending strength

| | Dimensions (mm) | | | | | Mechanical characteristics | | | | Electrical characteristics | | | Package |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Order code | A | B | C | D | Thread | T.S. (daN) | C.S. (daN) | B.S. (daN) | Tightening torque (Nm) | Rated voltage at 50Hz for 60 sec. (kV) | Flashover voltage (kV AC) | Operating Voltage DC/AC (V) | (pcs) |
| MID6308H41 | 63 | HEX 41 | 15 | 33 | M8 | 1600 | 9000 | 700 | 25,5 | 20 | 50 | 1500 | 20 |
| MID6310H41 | 63 | HEX 41 | 15 | 33 | M10 | 1600 | 9000 | 700 | 50 | 20 | 50 | 1500 | 20 |
| MID6312H41 | 63 | HEX 41 | 15 | 33 | M12 | 1600 | 9000 | 700 | 87,2 | 20 | 50 | 1500 | 10 |
| MID7010H65 | 70 | HEX 65 | 25 | 49 | M10 | 3000 | 15000 | 1200 | 50 | 25 | 50 | 2000 | 10 |
| MID7012H65 | 70 | HEX 65 | 25 | 49 | M12 | 3000 | 15000 | 1200 | 87,2 | 25 | 50 | 2000 | 5 |
| MID7016H65 | 70 | HEX 65 | 25 | 49 | M16 | 3000 | 15000 | 1200 | 210,8 | 25 | 50 | 2000 | 10 |
| MID7512O65 | 75 | OCT 65 | 26 | 51 | M12 | 3000 | 15000 | 1200 | 87,2 | 25 | 50 | 2000 | 5 |
| MID7508H50 | 75 | HEX 50 | 15 | 42 | M8 | 1800 | 9500 | 730 | 25,5 | 25 | 50 | 2000 | 10 |
| MID7510H50 | 75 | HEX 50 | 25 | 42 | M10 | 1800 | 9500 | 730 | 50 | 25 | 50 | 2000 | 10 |
| MID7512H50 | 75 | HEX 50 | 25 | 42 | M12 | 1800 | 9500 | 730 | 87,2 | 25 | 50 | 2000 | 10 |
| MID8012H65 | 80 | HEX 65 | 25 | 49 | M12 | 3500 | 16000 | 1300 | 87,2 | 30 | 50 | 3600 | 5 |
| MID1002O65 | 100 | OCT 65 | 25 | 51 | M12 | 4000 | 16500 | 1300 | 87,2 | 30 | 50 | 3600 | 5 |
| MID1006O65 | 100 | OCT 65 | 25 | 51 | M16 | 4000 | 16500 | 1300 | 210,8 | 30 | 50 | 3600 | 5 |

**T.S.** - Tensile strength I **C.S.** - Compression strength I **B.S.** - Bending strength

## Dimensions

