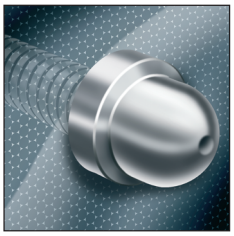
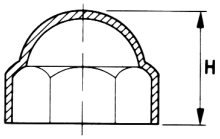
# Hexagon Nut And Screw Head Covers

DURATOOL
TOUGH TOOLS FOR TOUGH JOBS

| PART NUMBER | | Nominal Thread Size | Across Flats Hexagon | H |
|---|---|---|---|---|
| Black | White | | | |
| *1639575 | *1639581 | M4 | 6.9 | 8.7 |
| *1639576 | *1639582 | M5 | 7.9 | 10.7 |
| *1639577 | *1639583 | M6 | 9.8 | 13.0 |
| 1639578 | 1639585 | M8 | 13.0 | 15.0 |
| 1639579 | 1639586 | M10 | 16.7 | 19.5 |
| 1639580 | 1639587 | M12 | 18.7 | 21.5 |






Material: Low Density Polyethylene

RoHS Directive 2002/95/EC compliant RoHS ✓

- Protects and gives a neat finish to exposed metal hexagon nuts and screw heads
- Quick and simple to install

This part has a circular external form and a hexagonal internal form and is suitable for Hexagon Head screws and nuts. Parts marked * will also fit the appropriate size Metric Cheese Head Screw (Chapter 6)

## Material Properties

| Mechanical/Physical Properties | Units | Value |
|---|---|---|
| Density | g/cm$^3$ | 0.924 |
| Water Absorption | % | 0.01 |
| Tensile Strength, Yield | MPa | 11.0 |
| Elongation at Yield | % | 14.5 |
| Tensile Modulus | GPa | 0.260 |

| Electrical Properties | Units | Value |
|---|---|---|
| Electrical Resistivity | ohm-cm | ≥1.00e+15 |
| Surface Resistivity | ohm | 1.00e+14 |
| Dielectric Constant (1 MHz) | - | 2.30 |

| Thermal Properties | Units | Value |
|---|---|---|
| Melting Point | °C | 111 |
| Short Term Minimum Working Temperature | °C | -40 |
| Short Term Maximum Working Temperature | °C | 55 |
| Flammability | UL94 | HB |
| Oxygen Index | % | 17.0 |

Above information is for guidance only and should not be used to establish specifications or as the basis of a design

# Hinged Screw Covers

DURATOOL
TOUGH TOOLS FOR TOUGH JOBS

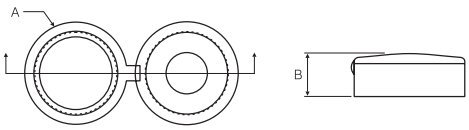
| PART NUMBER | | | | Screw Size | A | B |
|---|---|---|---|---|---|---|
| Black | White | Red | Green | | | |
| 1639588 | 1639591 | 1639594 | 1639598 | M3/M4 & N°4 | 11.5 | 5.0 |
| 1639589 | 1639592 | 1639595 | 1639599 | M4/M5 & N°8/N°10 | 13.7 | 5.5 |
| 1639590 | 1639593 | 1639597 | 1639600 | M6 & 1/4" | 17.4 | 6.5 |

Material: Polypropylene

- All-in-one base and cover
- Cap snaps into base to give a neat and decorative finish

Available in matt finish only

RoHS Directive 2002/95/EC compliant RoHS ✓




## Material Properties

| Mechanical/Physical Properties | Units | Value |
|---|---|---|
| Density | g/cm³ | 0.9 |
| Hardness | Shore D | 71 |
| Tensile Strength, Yield | MPa | 35.9 |
| Elongation at Yield | % | 490 |
| Flexural Modulus | GPa | 1.39 |

| Thermal Properties | Units | Value |
|---|---|---|
| Deflection Temperature at 0.45MPa | °C | 104 |
| Vicat Softening Temperature | °C | 150 |

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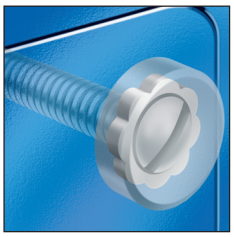
# Pop-On Screw Covers

DURATOOL
TOUGH TOOLS FOR TOUGH JOBS

| PART NUMBER | | | | Screw Size | A | B |
|---|---|---|---|---|---|---|
| Black | White | Red | Green | | | |
| **1639601** | **1639605** | **1639608** | **1639611** | M3/M4 | 12.7 | 5.1 |
| **1639603** | **1639606** | **1639609** | **1639612** | M4/M5 | 16.0 | 6.5 |
| **1639604** | **1639607** | **1639610** | **1639613** | M6 | 17.8 | 6.6 |

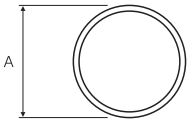


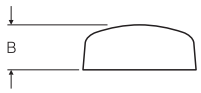
Material: Polypropylene

- Can also be used with No 4, 6, 8, 10 and ¼ - 20 screws

RoHS Directive 2002/95/EC compliant RoHS ✓

Allow approximately 0.50 extra for assembled height



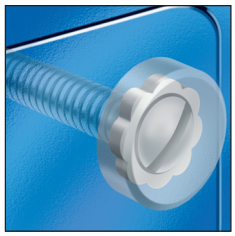



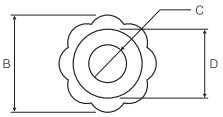
***These parts must be used with Pop-On Screw Cover Bases - see below***

# Pop-On Screw Cover Bases

DURATOOL
TOUGH TOOLS FOR TOUGH JOBS

| PART NUMBER | To Fit Pop-on Screw Covers | Screw Size | A | B | C | D |
|---|---|---|---|---|---|---|
| **1639615** | 1639601 to 1639611 | M3 & No4 Pan | 2.9 | 10.5 | 3.0 | 7.0 |
| **1639616** | 1639601 to 1639611 | M3.5 & No6 Pan | 2.9 | 10.5 | 3.8 | 7.0 |
| **1639617** | 1639601 to 1639611 | M3/M4 & No4/No8 CSK | 2.9 | 10.5 | 3.8 | - |
| **1639618** | 1639603 to 1639612 | M4 & No8 PAN | 3.2 | 12.7 | 4.5 | 9.3 |
| **1639619** | 1639603 to 1639612 | M5 & No10 PAN | 3.2 | 12.8 | 5.0 | 9.3 |
| **1639620** | 1639603 to 1639612 | M4/M5 & No8/No10 CSK | 3.2 | 12.8 | 5.0 | - |
| **1639621** | 1639604 to 1639613 | M6 & 1/4" PAN | 3.2 | 15.7 | 6.2 | 12.4 |
| **1639622** | 1639604 to 1639613 | M6 & 1/4" CSK | 3.3 | 15.7 | 6.2 | - |





Material: Polypropylene
Colour: Natural

RoHS Directive 2002/95/EC compliant RoHS ✓

- Pop-on screw covers and bases may be used with:- flat head nails, countersunk screws, self tapping screws, rivets, drive screws, machine screws, washer faced screws and other types of fasteners
- Cover locks firmly onto base to provide a neat and decorative finish

## Material Properties

| Mechanical/Physical Properties | Units | Value |
|---|---|---|
| **Density** | **g/cm$^3$** | 0.9 |
| **Hardness** | **Shore D** | 71 |
| **Tensile Strength, Yield** | **MPa** | 35.9 |
| **Elongation at Yield** | **%** | 490 |
| **Flexural Modulus** | **GPa** | 1.39 |

| Thermal Properties | Units | Value |
|---|---|---|
| **Deflection Temperature at 0.45MPa** | **°C** | 104 |
| **Vicat Softening Temperature** | **°C** | 150 |

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# Metric Knurled Thumb Nuts

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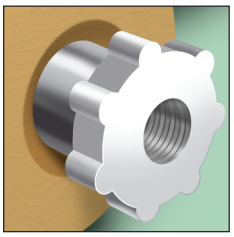
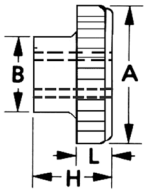
| PART NUMBER | Thread Size | A | B | H | L | Form |
|---|---|---|---|---|---|---|
| **1639623** | M3 x .5 | 12.0 | 7.0 | 7.0 | 3.5 | A |
| **1639624** | M4 x .7 | 12.0 | 7.0 | 7.0 | 3.5 | A |
| **1639625** | M5 x .8 | 16.0 | 9.5 | 8.0 | 4.5 | A |
| **1639627** | M6 x 1.0 | 16.0 | 9.5 | 8.0 | 4.5 | A |
| **1639628** | M4 x .7 | 16.0 | 9.5 | 8.0 | 4.5 | B |
| **1639629** | M5 x .8 | 16.0 | 9.5 | 8.0 | 4.5 | B |
| **1639630** | M6 x 1.0 | 16.0 | 9.5 | 8.0 | 4.5 | B |

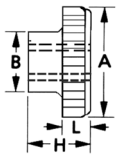
| PART NUMBER | Thread Size | A | B | H | L | Form |
|---|---|---|---|---|---|---|
| **1639631** | M4 x .7 | 16.0 | 10.0 | 6.0 | 4.5 | C |
| **1639632** | M5 x .8 | 16.0 | 10.0 | 6.0 | 4.5 | C |
| **1639633** | M6 x 1.0 | 16.0 | 10.0 | 6.0 | 4.5 | C |
| **1639634** | M4 x .7 | 16.0 | 10.0 | 6.0 | 4.5 | D |
| **1639635** | M5 x .8 | 16.0 | 10.0 | 6.0 | 4.5 | D |
| **1639636** | M6 x 1.0 | 16.0 | 10.0 | 6.0 | 4.5 | D |



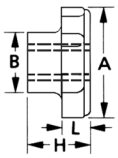



Material: Nylon 66
Colour: White
RoHS Directive 2002/95/EC compliant

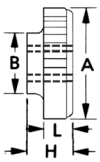
RoHS ✓



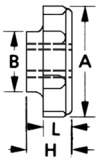
FORM A



FORM B



FORM C



FORM D

| Thread Size | Suggested Max. Tightening Torque (Nm) for Nylon 6,6 screws as per DIN3481X |
|---|---|
| **M3** | 0.10 |
| **M4** | 0.25 |
| **M5** | 0.50 |
| **M6** | 0.80 |

N/A = Test data not available
1Nm = 8.851lbf-in

Above information is for guidance only and should not be used to establish specifications or as the basis of a design

## Material Properties

Values measured at 23°C @ 50% RH

| Mechanical/Physical Properties | Units | Value |
|---|---|---|
| **Density** | **g/cm³** | 1.14 |
| **Water Absorption** | **%** | 1.3 |
| **Tensile Strength at Break** | **MPa** | 55 |
| **Elongation at Yield** | **%** | 30 |
| **Tensile Modulus** | **GPa** | 1.50 |

| Electrical Properties | Units | Value |
|---|---|---|
| **Electrical Resistivity** | **ohm-cm** | ≥1.00e+14 |
| **Surface Resistivity** | **ohm** | 0.10e+14 |
| **Dielectric Strength** | **kV/mm** | 26 |

| Thermal Properties | Units | Value |
|---|---|---|
| **Melting Point** | **°C** | 263 |
| **Short Term Minimum Working Temperature** | **°C** | -40 |
| **Short Term Maximum Working Temperature** | **°C** | 110 |
| **Flammability** | **UL94** | V2 |
| **Oxygen Index** | **%** | 26.5 |

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