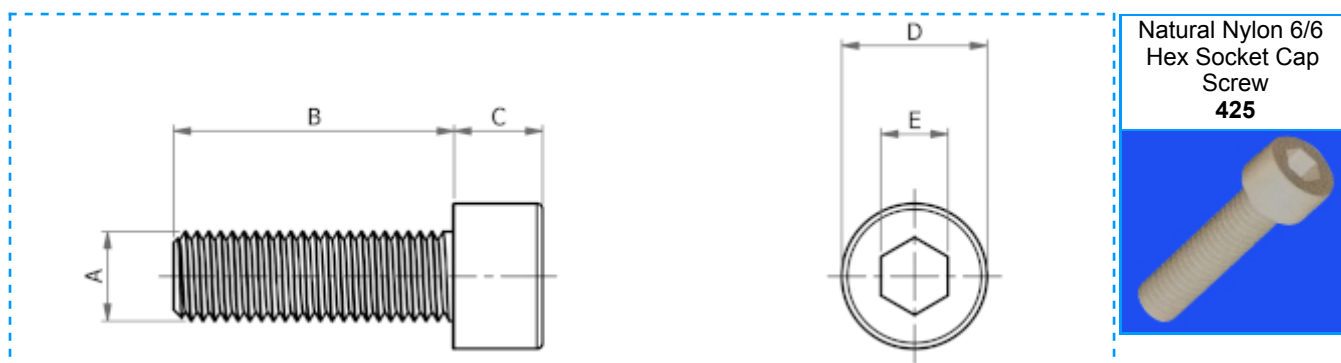


# TECHNICAL PLASTIC AND METAL PARTS



| Code            | Description | Price euro/1000 | % Price Change | Package | A   | B  | C  | D  | E | F | gr |
|-----------------|-------------|-----------------|----------------|---------|-----|----|----|----|---|---|----|
| 425 0155 000 02 | MP425-155   | 1.692,00        | + 60%          | 25      | M12 | 20 | 12 | 25 |   |   |    |

| Colour                                                                         | Colour number                                                                        |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| transparent - natural                                                          | 000 (XXX XXXX XXX XX)                                                                |
| <b>Colour description</b>                                                      | transparent - natural                                                                |
| <b>Matches</b>                                                                 | Natural matches Milk-like; transparent white colour can differ per kind of material. |
| Featured colours reserved. Due to the screen, differences in colour may occur. |                                                                                      |

| Material                                                                                                                                                                                                                                                                                                                                                                                                  |                  | Material nr                  |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|------------|
| Nylon - 66 PA - 66                                                                                                                                                                                                                                                                                                                                                                                        |                  | 02 (XXX XXXX XXX <b>XX</b> ) |            |
| <b>General informations:</b>                                                                                                                                                                                                                                                                                                                                                                              |                  |                              |            |
| A strong, tough and durable material. Suitable for connecting elements and other technical components. Owing to selflubricant properties ideal for slide bearings. Takes in approx 2 % moisture (a little less than nylon-6) and is then at its strongest. Therefore always has to acclimatize for a few days after injection moulding. Operational temperature up to 120°C. Nylon is self extinguishing. |                  |                              |            |
| <b>Features</b>                                                                                                                                                                                                                                                                                                                                                                                           |                  | <b>Chemical resistance</b>   |            |
| feature                                                                                                                                                                                                                                                                                                                                                                                                   | DIN              | Resistance to                | Valutation |
| Relative density gr/cm <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                       | 1,14             | Petrol                       | A          |
| Tensile strength MN/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                        | 60               | Benzene                      | A          |
| Elongation at break %                                                                                                                                                                                                                                                                                                                                                                                     | 140              | Mineral oils                 | A          |
| Tensile modulus MN/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                         | 1500             | Vegetable oils               | A          |
| Notched impact strength kJ/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                 | 17               | Weak alkalis                 | A          |
| Ball indentation MN/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                        | 100              | Strong alkalis               | B          |
| Application temperature max °C                                                                                                                                                                                                                                                                                                                                                                            | 120              | Weak acids                   | B          |
| Volume resistivity cm                                                                                                                                                                                                                                                                                                                                                                                     | 10 <sup>15</sup> | Strong acids                 | C          |
| Dissipation factor tan. 10 <sup>3</sup> Hz                                                                                                                                                                                                                                                                                                                                                                | 0,15             | <b>A</b> = good              |            |
| Dielectric strength MV/m                                                                                                                                                                                                                                                                                                                                                                                  | 30               | <b>B</b> = doubtful          |            |
| Flammability UL94 > 1,6 mm                                                                                                                                                                                                                                                                                                                                                                                | V2               | <b>C</b> = poor              |            |
| Coefficient of friction (on steel)                                                                                                                                                                                                                                                                                                                                                                        | 0,3              |                              |            |
| <b>All data are indicative</b>                                                                                                                                                                                                                                                                                                                                                                            |                  |                              |            |

Technical informations are indicative and can be updated.

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