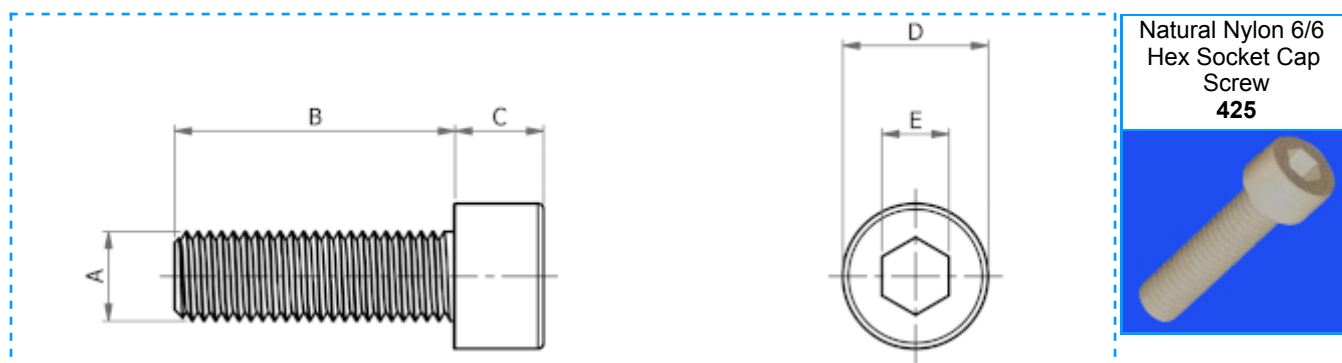


# TECHNICAL PLASTIC AND METAL PARTS



Natural Nylon 6/6  
Hex Socket Cap  
Screw  
**425**



Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F	gr
425 0055 000 02	MP 425- 55	948,00	+ 60%	50	M6	50	10	16			

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 <b>B</b> = doubtful <b>C</b> = poor	
Dielectric strength MV/m	30		
Flammability UL94 > 1,6 mm	V2		
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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