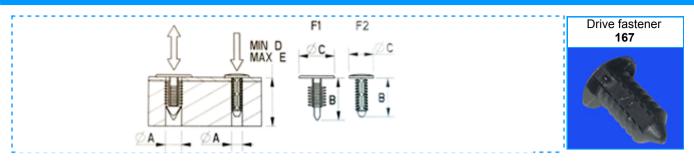


## TECHNICAL PLASTIC AND METAL PARTS



Code	Description	Price euro/1000	% Price Change 1 2	Package	Α	В	С	D	Ε	F gr
167 1020 000 02	MP 167-1020	354,00	+ 60% -	100	3.5	9.5	9.1	D2	0.7	5

Colour Colour number
transparent - natural 000 (XXX XXXX XXX XXX)

Colour description transparent - natural

Matches 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.

MaterialMaterial nrNylon - 66 PA - 6602 (XXX XXXX XXX XXX)

## **General informations:**

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 strongst. Therefore always has to acclimatize for a few days after injection moulding. Operational temperature up to 120°C. Nylon is self extinguishing.

, , ,					
Features		Chimical resistance			
feature	DIN	Resistance to	Valutation		
Relative density gr/cm <sup>3</sup>	1,14	Petrol	Α		
Tensile strength MN/m <sup>2</sup>	60	Benzene	Α		
Elongation at break %	140	Mineral oils	Α		
Tensile modulus MN/m <sup>2</sup>	1500	Vegetable oils	Α		
Notched impact strength kJ/m <sup>2</sup>	17	Weak alkalis	Α		
Ball indentation MN/m <sup>2</sup>	100	Strong alkalis	В		
Application temperature max °C	120	Weak acids	В		
Volume resistivity cm	10^15	Strong acids	С		
Dissapation factor tan. 10 <sup>3</sup> Hz	0,15	A = good			
Dielectric strength MV/m	30	<b>B</b> = doubtful			
Flammability UL94 > 1,6 mm	V2	C = poor			
Coefficient of friction (on steel)	0,3				
All data are indicative					

Technical informations are indicative and can be updated.

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**GANDINI FASTENERS SRL** viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution of fasteners, fixing elements and mechanical parts
machining

GANDINI PASTENERS SRE viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

**GANDINI FASTENERS SRL** Sesto San Giovanni Mi - Italy **Sales department** 250@gandini.it tel +39 02 241 047 250

Administration 350@gandini.it tel +39 02 241 047 350