



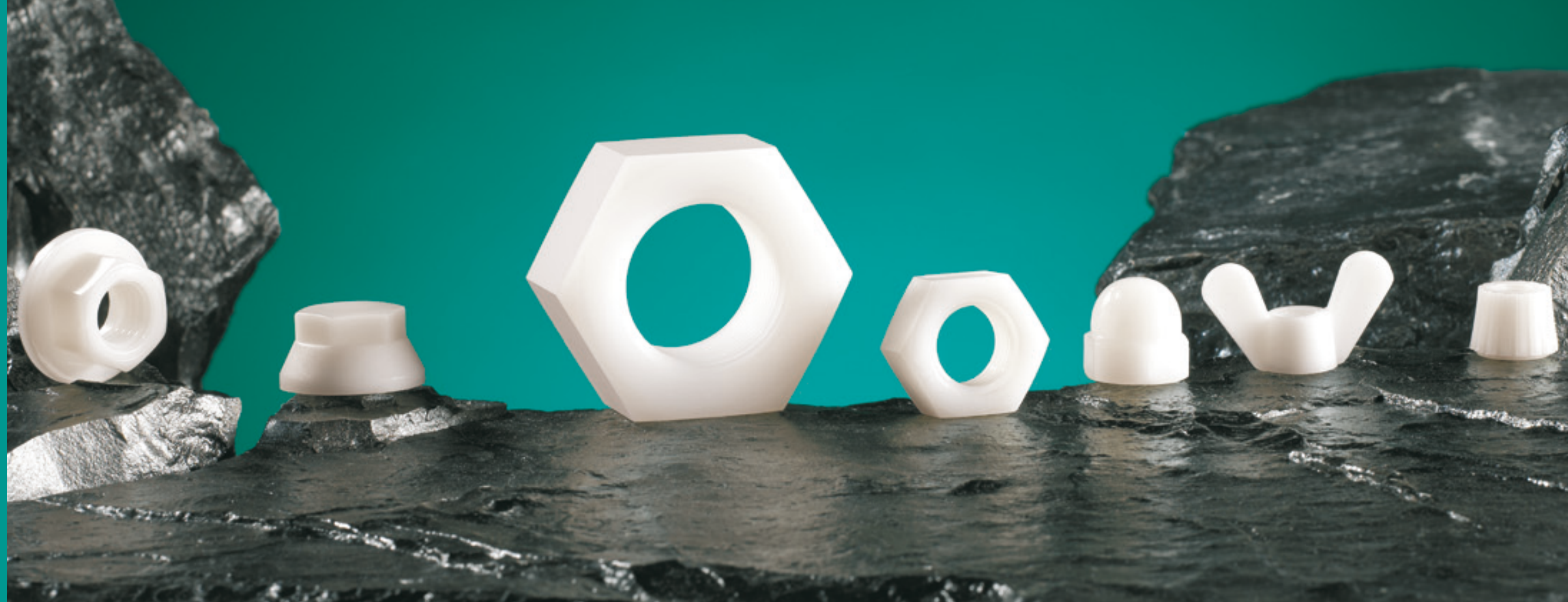
NUTS

Bülte



NUTS

132



133





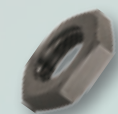
> Hex nuts DIN 934 (ISO 4032) Page **136 - 137**



> Hex lock nuts Page **136a - 137a**



> Hex washer faced nuts Page **138 - 139**



> Hex flat nuts Page **140 - 141**



> Hex flat washer faced nuts Page **142 - 143**



> Hex cap nuts (≈ DIN 917) Page **142 - 143**



> Hex dome nuts DIN 1587 Page **144 - 145**



> Hex dome nuts Form "A" Page **144 - 145**



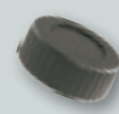
> Hex insulating cap nuts Page **146 - 147**



> Slotted nut-plugs Page **146 - 147**



> Round nuts Page **148 - 149**



> Round nuts 325 Page **150 - 151**



> Deco round nuts Page **150 - 151**



> Knurled thumb nuts Form "A" Page **152 - 153**



> Knurled thumb nuts Form "B" Page **152 - 153**



> Conical knurled nuts Page **154 - 155**



> Knurled nuts "MO" Page **154 - 155**



> Knurled nuts "MF" Page **154 - 155**



> Wing nuts Form "B" Page **156 - 157**



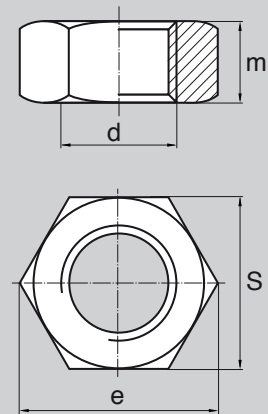
> Wing nuts "EP" Page **156 - 157**



> Wing nuts DIN 315 Page **158 - 159**

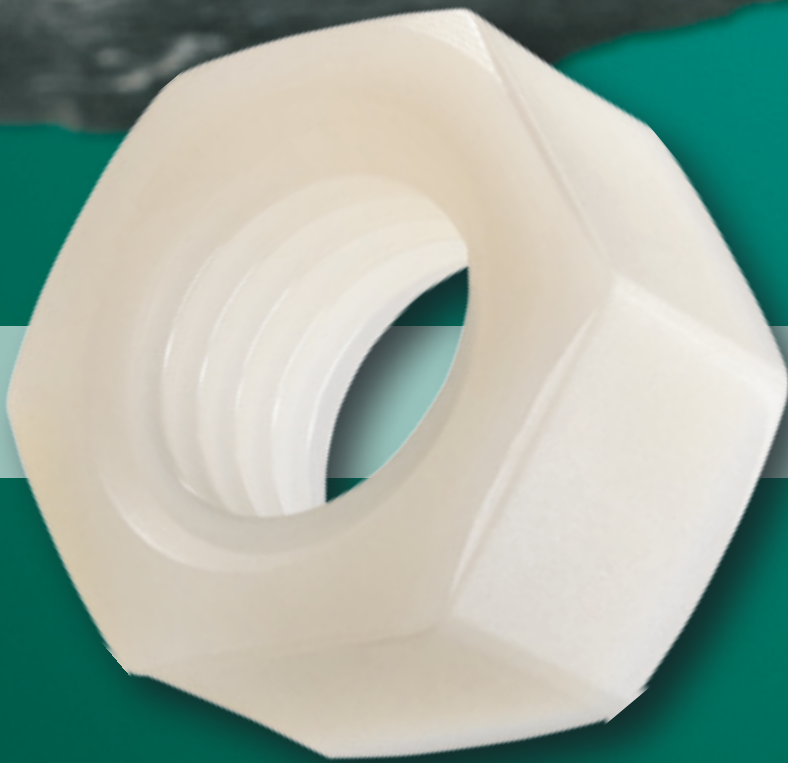


> Washer faced wing nuts Page **158a - 159a**

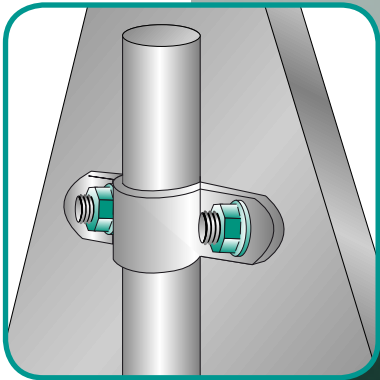
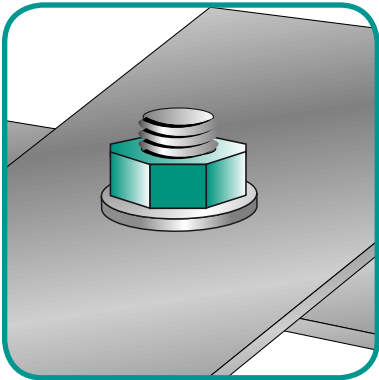


d	m	S	e	Unit of sale	Part N°
M2	1,6	4,0	4,3	1 000	9342
M2,5	2,0	5,0	5,5	1 000	9342,5
M3	2,4	5,5	6,0	1 000	9343
M4	3,2	7,0	7,7	1 000	9344
M5	4,0	8,0	8,8	1 000	9345
M6	5,0	10,0	11,0	1 000	9346
M8	6,5	13,0	14,3	1 000	9348
M10	8,0	16,0	18,9	1 000	93410
M12	10,0	18,0	21,0	1 000	93412
M14	11,0	22,0	24,4	500	93414
M16	13,0	24,0	26,5	500	93416
M18	15,0	27,0	30,0	250	93418
M20	16,0	30,0	33,5	250	93420
M24	19,0	36,0	39,8	250	93424
M30	24,0	46,0	51,0	250	93430

Hex nut
natural Nylon >>



- > Good resistance to chemicals (PP).
- > Good wear resistance and low coefficient of friction.
- > Good resistance to shocks.



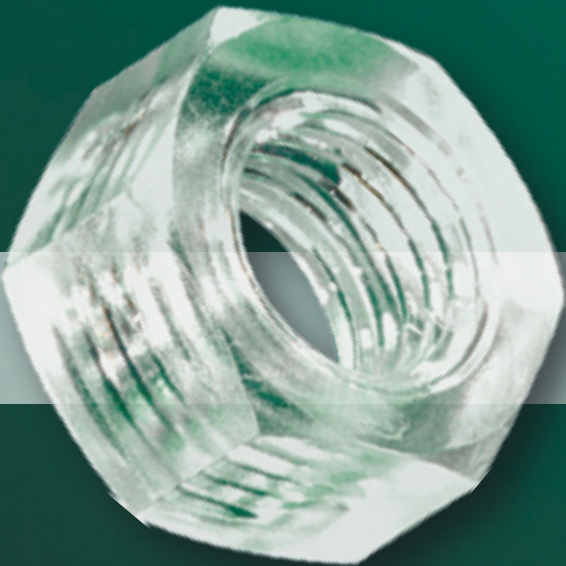
MATERIALS - COLOURS

STANDARD :

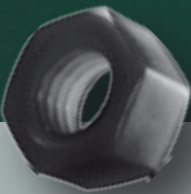
- Natural Nylon / Natural PP / Natural PVDF for M5 up to M20 / Transparent PC for M5 up to M12.

ON REQUEST :

- Black Nylon / POM / Black PP / PE / Black PVDF / PC.
M2 and M2,5 : only in black Nylon.
Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



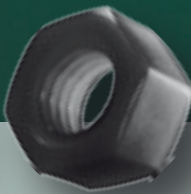
<< Hex nut
transparent Polycarbonate



Black Nylon



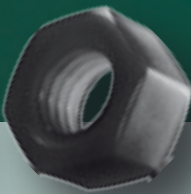
POM



Black PP



PE

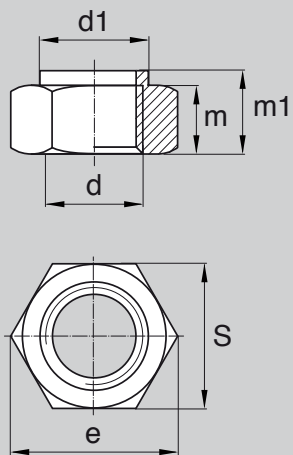


Black PVDF

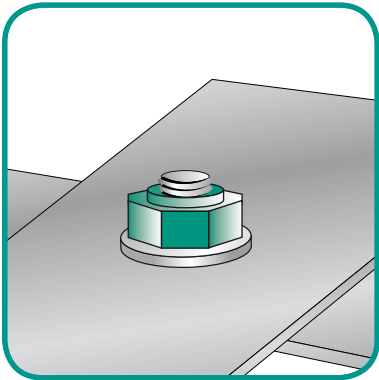


PC





d	d1	S	m	m1	Unit of sale	Part N°
M5	6,5	8,0	4,2	5,6	1 000	EHF5
M6	7,5	10,0	4,8	6,3	1 000	EHF6
M8	9,9	13,0	6,0	7,8	1 000	EHF8
M10	12,8	16,0	7,5	9,5	1 000	EHF10
M12	14,4	18,0	9,9	12,4	1 000	EHF12



- > Good resistance to wear and weather conditions.
- > Light and rustproof.



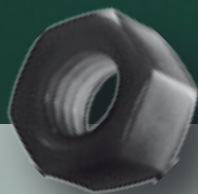
MATERIALS - COLOURS

STANDARD :

- Natural Nylon.

ON REQUEST :

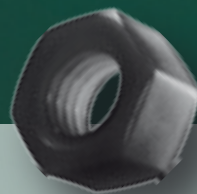
- Black Nylon / POM / PP / PE / PVDF. Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



Black Nylon



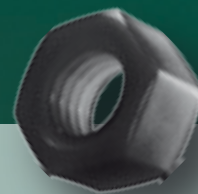
POM



Black PP

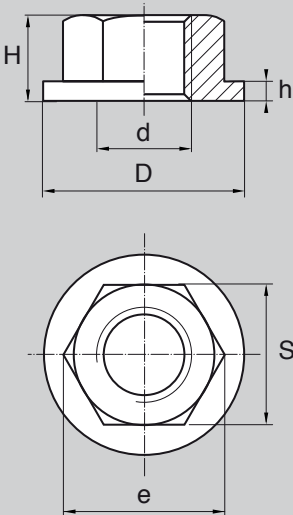


PE



Black PVDF

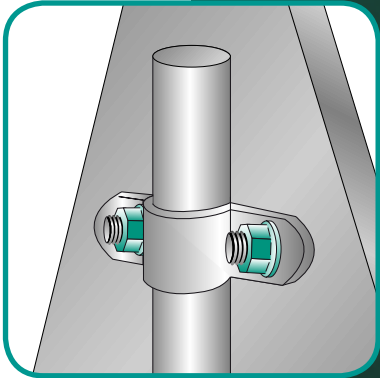
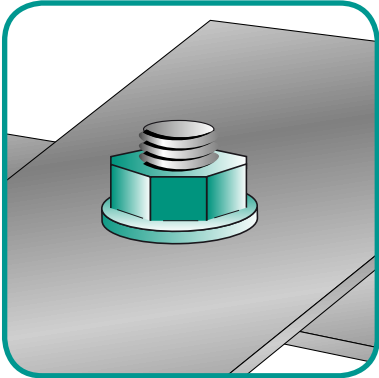




d	D	S	H	h	Unit of sale	Part N°
M4	9,5	7,0	4,2	1,1	1 000	EE4
M5	11,0	8,0	5,2	1,0	1 000	EE5
M6	13,0	10,0	6,0	1,2	1 000	EE6
M8	16,8	13,0	7,35	1,4	1 000	EE8
M10	21,7	16,0	9,5	1,8	1 000	EE10
M12	27,1	18,0	12,7	3,0	1 000	EE12
M16	35,0	24,0	16,6	3,0	500	EE16
M20	44,0	30,0	20,0	3,5	250	EE20
M24	53,0	36,0	23,8	4,0	250	EE24

138

- > Light and rustproof.
- > Good resistance to wear and weather conditions.
- > The washer provides a wider contact area.



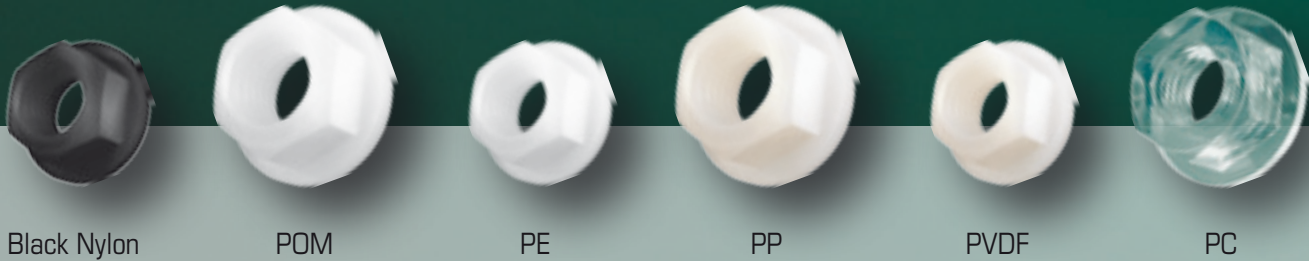
MATERIALS - COLOURS

STANDARD :

- Natural Nylon.

ON REQUEST :

- Black Nylon / POM / PE / PP / PVDF / PC.
M4 only in black Nylon.
Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



Black Nylon

POM

PE

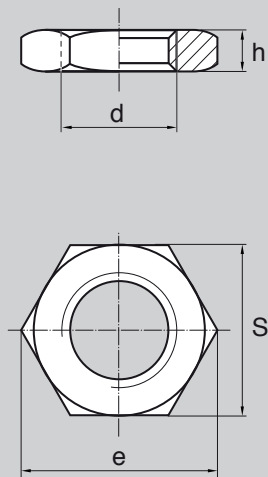
PP

PVDF

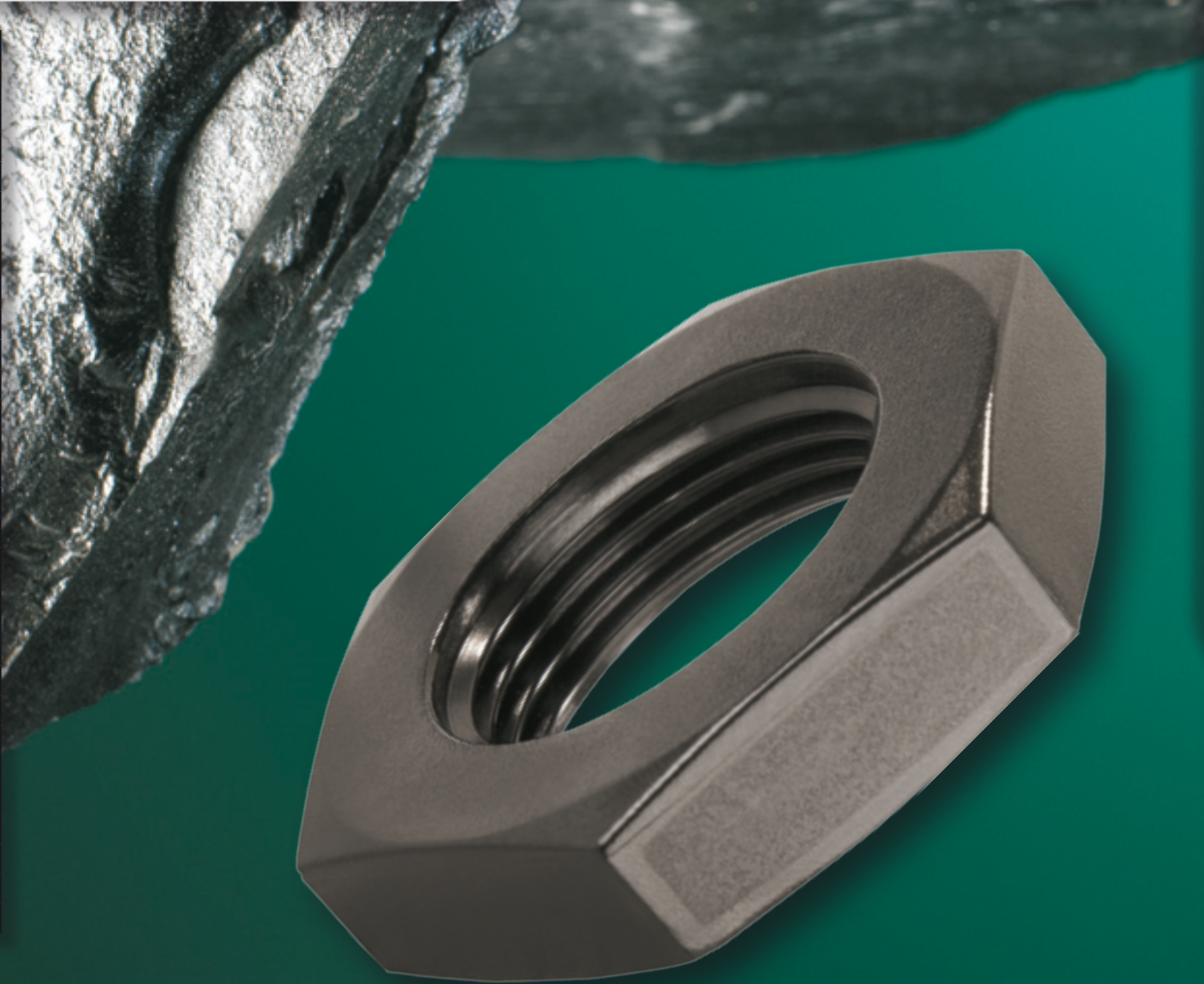
PC

139



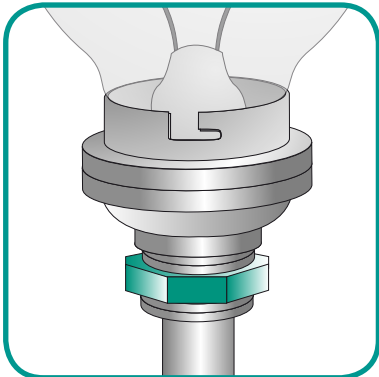


d	S	h	Unit of sale	Part N°
M6 x 0,75	8,0	2,3	1 000	EHP6075
M8 x 0,75	12,0	2,5	1 000	EHP8075
M8 x 1	13,0	4,0	1 000	EHP81
M10	14,0	2,8	1 000	EHP10
M10 x 0,75	14,0	2,7	1 000	EHP10075
M10 x 1	14,0	3,2	1 000	EHP101EP3
M10 x 1	14,0	6,0	1 000	EHP101EP6
M12 x 1	16,0	5,0	1 000	EHP121
M12 x 1	17,0	4,4	1 000	EHP121EP5
M12 x 1,5	17,0	5,2	1 000	CEM1205
M13 x 1	17,0	4,3	500	EHP13
M14 x 1	22,0	5,4	500	EHP141
M14 x 1,5	22,0	4,0	500	EHP1415
M15 x 1	18,0	3,0	500	EHP151
M16 x 1	24,0	4,3	500	EHP161
M16 x 1,5	19,0	4,4	500	EHP161,5EP4
M16 x 1,5	22,0	5,0	500	CEM1605
M16 x 2	24,0	8,0	500	EHP16
M18 x 1	24,0	4,3	500	EHP181
M18 x 1,5	24,0	4,5	500	EHP1815
M18 x 1,5	25,0	4,5	500	EHP1815CLE25
M20 x 1,5	27,0	8,0	250	EHP2015
M20 x 1,5	26,0	6,0	250	CEM2005
M22 x 1	25,0	4,5	250	EHP221
M22 x 1,5	25,0	4,6	250	EHP2215
M30 x 1,5	36,0	5,0	250	EHP3015
M32 x 1,5	41,0	7,0	250	CEM3205
M40 x 1,5	50,0	7,0	250	CEM4005



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- > Light and rustproof.
- > Good mechanical properties.
- > Temperature resistant from - 30°C to + 100°C.



141

MATERIALS - COLOURS

STANDARD :

- Black Nylon.

ON REQUEST :

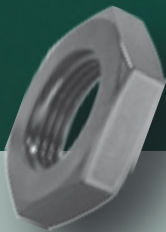
- Natural Nylon / POM / Grey Nylon / Red Nylon / Blue Nylon / Black POM.
- Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



Natural Nylon



POM



Grey Nylon



Red Nylon



Blue Nylon



Black POM



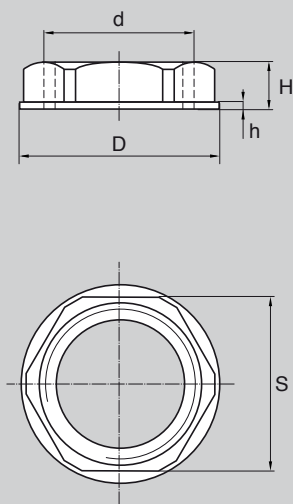


NUTS > Hex flat washer faced nuts
> Hex cap nuts (≈ DIN 917)

Bülte



NUTS

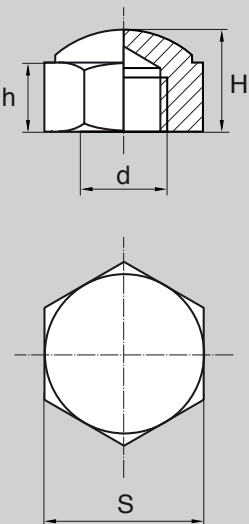
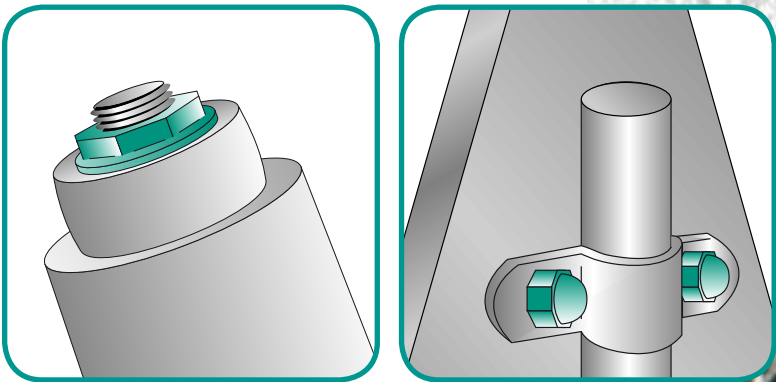


d	S	h	H	D	Unit of sale	Part N°
M12 x 1,0	15,0	1,0	4,0	18,0	1 000	EHPE121
M14 x 1,0	17,0	1,0	4,0	20,0	500	EHPE141
M15 x 1,0	17,0	1,0	4,0	20,0	500	EHPE151
M18 x 1,5	22,0	1,0	6,0	25,0	500	EHPE1815
M27 x 1,0	30,0	1,3	5,6	34,5	500	EHPE271

Hex flat washer faced nut >>



- > Light and rustproof.
- > Good resistance to wear and weather conditions.
- > Good mechanical, electrical and thermal properties.



d	S	h	H	Unit of sale	Part N°
M3	5,5	3,0	4,0	1 000	EBP3
M4	7,0	4,0	5,5	1 000	EBP4
M5	8,0	5,0	6,5	1 000	EBP5
M6	10,0	5,4	7,5	1 000	EBP6
M8	13,0	6,5	10,0	1 000	EBP8
M10	16,0	8,0	12,3	1 000	EBP10
M12	18,0	10,0	14,0	1 000	EBP12

<< Hex cap nut



MATERIALS - COLOURS

Hex flat washer faced nuts

STANDARD :

- Black Nylon 25% glass filled.

Hex cap nuts

STANDARD :

- Natural Nylon.
- M3 and M4 only in white Nylon 25% glass filled.

ON REQUEST :

- Black Nylon / POM / PE / PP / PVDF / White Nylon.
- Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



Black Nylon



POM



PE



PP



PVDF



White Nylon

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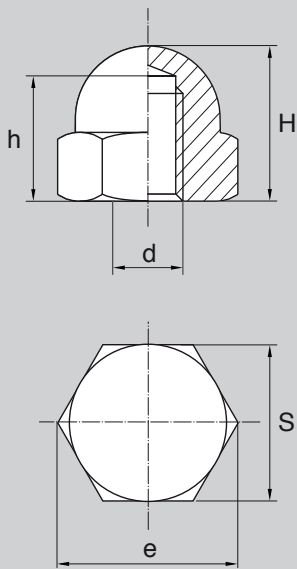
NUTS > Hex dome nuts DIN 1587
> Hex dome nuts Form "A"

NFE 27- 453

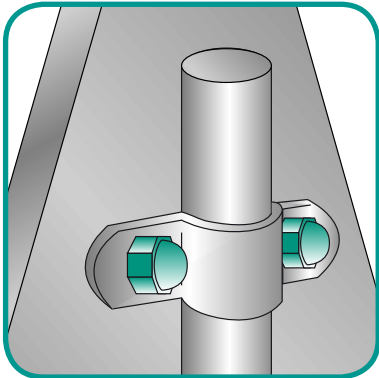
Bülte



NUTS



- > Light and rustproof.
- > Good wear resistance and low coefficient of friction.
- > Good resistance to shocks.

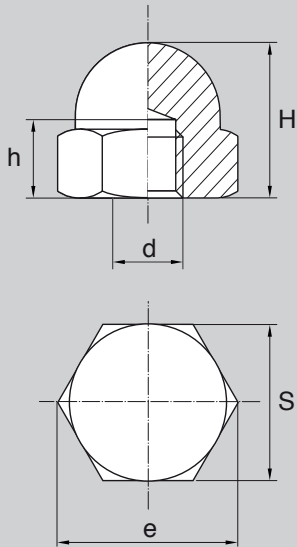


d	S	h	H	e	Unit of sale	Part N°
M3	5,5	5,0	6,3	6,2	1 000	15873
M4	7,0	5,5	8,0	7,7	1 000	15874
M5	8,0	7,5	10,0	8,8	1 000	15875
M6	10,0	8,0	12,0	11,0	1 000	15876
M8	13,0	11,0	15,0	14,3	1 000	15878
M10	17,0	13,0	18,0	18,9	1 000	158710
M12	19,0	16,0	22,0	21,1	1 000	158712
M16	24,0	21,0	28,0	26,7	500	158716

Hex dome nut
DIN 1587 >>



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d	S	h	H	Unit of sale	Part N°
M5	8,0	4,1	10,0	1 000	EBA5
M6	10,0	4,5	12,0	1 000	EBA6
M8	13,0	6,0	15,0	1 000	EBA8
M10	16,0	7,5	18,0	1 000	EBA10
M12	18,0	9,5	22,0	1 000	EBA12
M16	24,0	13,0	28,0	500	EBA16
M20	30,0	16,0	34,0	250	EBA20
M24	36,0	19,0	42,0	250	EBA24

<< Hex dome nut
Form "A"



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MATERIALS - COLOURS

Hex dome nuts DIN 1587

STANDARD :

- Natural Nylon.

ON REQUEST :

- Black Nylon / White Nylon.
- Colours : see RAL colour chart page 510 / 511.

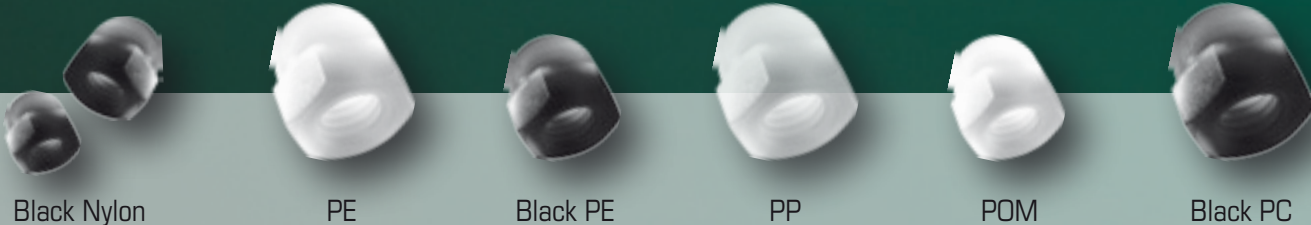
Hex dome nuts Form "A"

STANDARD :

- Natural Nylon.

ON REQUEST :

- Black Nylon / PE / Black PE / PP / POM / Black PC.
- Colours : see RAL colour chart page 510 / 511.



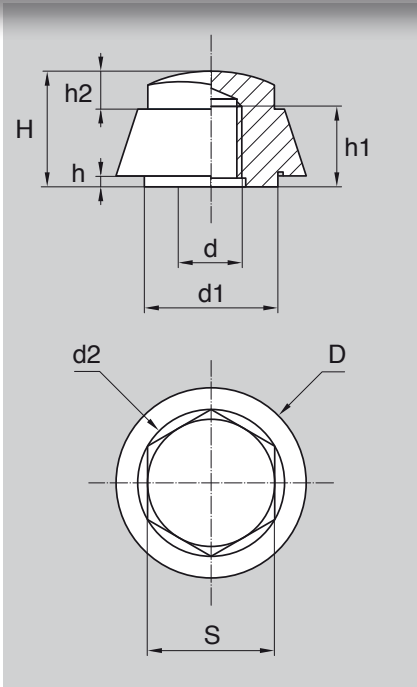


NUTS > Hex insulating cap nuts
> Slotted nut - plugs

Bülte



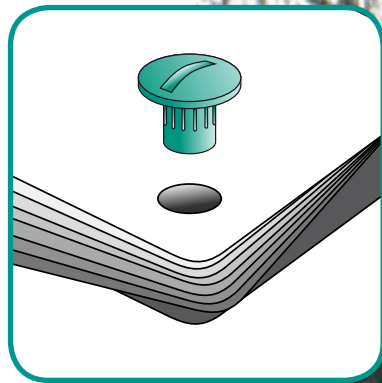
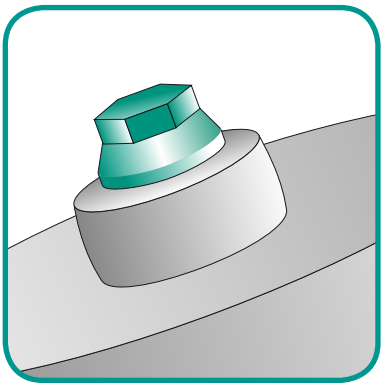
NUTS



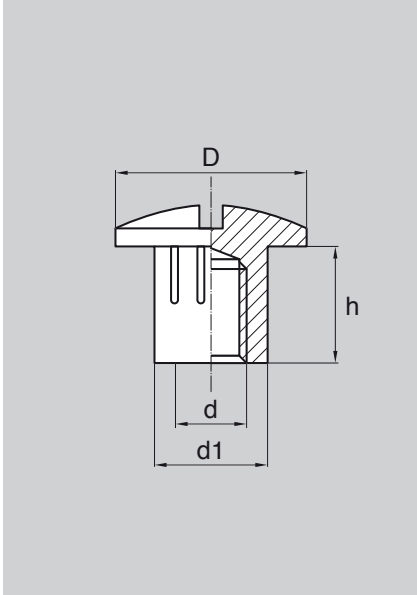
- > For finishing applications.
- > Light and rustproof.
- > Good resistance to wear and weather conditions.

d	d1	d2	D	h	h1	h2	H	S	Unit of sale	Part N°
M8	17,0	19,6	25,0	0,8	9,0	6,0	15,0	17,0	1 000	EIM08
M12	16,4	21,0	30,0	1,3	14,0	5,5	19,5	19,0	1 000	EIM12

Hex insulating cap nut >>



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d	d1	D	h	Unit of sale	Part N°
M4	5,0	12,0	10,0	1 000	3004
M6	8,0	16,0	10,0	1 000	3006-10
M6	8,0	16,0	15,5	1 000	3006-15
M8	12,0	20,0	12,0	1 000	3008
M10	15,0	22,0	12,0	1 000	3010

<< Slotted nut - plug



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MATERIALS - COLOURS

Hex insulating cap nuts

STANDARD :

- Natural Nylon.

ON REQUEST :

- Nylon black/ white/ grey/ red/ blue. Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.

Slotted nut-plugs

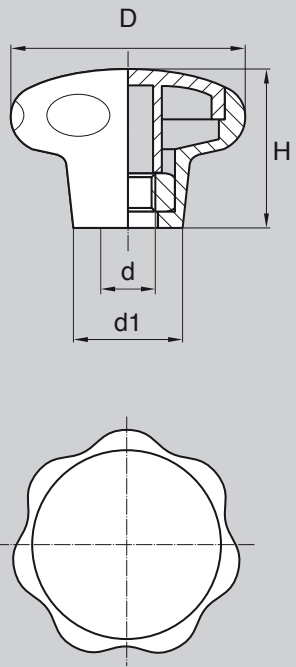
STANDARD :

- White and black Nylon.

ON REQUEST :

- Grey Nylon / Red Nylon / Blue Nylon. Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



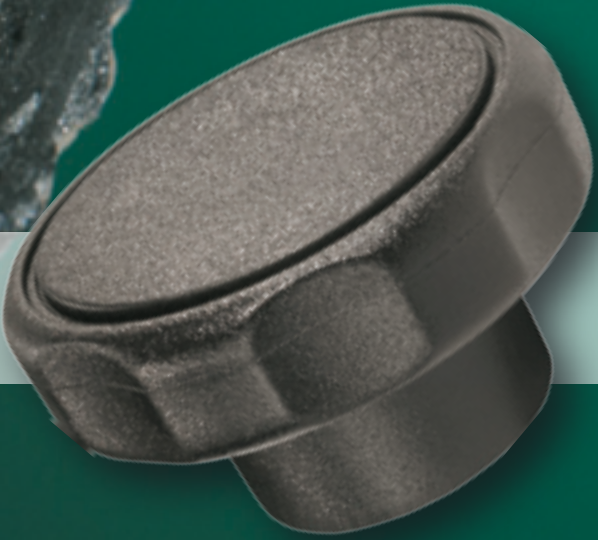


d	d1	D	H	Unit of sale	Part N°
M4	11,0	21,0	13,5	100	2104B
M4	15,0	28,0	18,0	100	2804B
M4	18,0	32,0	19,5	100	3204B
M5	11,0	21,0	13,5	100	2105B
M5	15,0	28,0	18,0	100	2805B
M5	18,0	32,0	19,5	100	3205B
M5	18,0	42,0	27,0	100	4205B
M6	15,0	28,0	18,0	100	2806B
M6	18,0	32,0	19,5	100	3206B
M6	18,0	42,0	27,0	100	4206B
M8	18,0	32,0	19,5	100	3208B
M8	18,0	42,0	27,0	100	4208B
M8	21,0	62,0	34,0	100	6208B
M10	18,0	42,0	27,0	100	42010B
M10	21,0	62,0	34,0	100	62010B

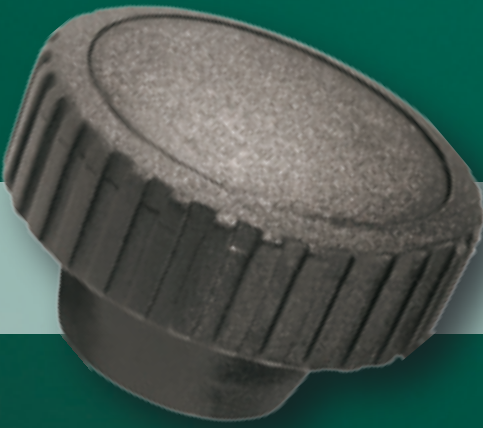
Round nut
Part N° : 280..., 420..., 620... >>



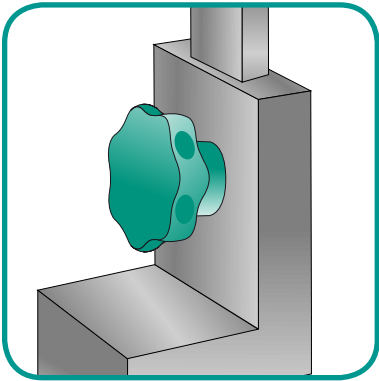
<< Round nut
Part N° : 320...



Round nut
Part N° : 210... >>



- > For finishing applications.
- > Manual tightening.
- > Light and rustproof.
- > Good resistance to wear and weather conditions.
- > Model with male insert on request.



MATERIALS - COLOURS

STANDARD :

- Black nylon.

ON REQUEST :

- Yellow Nylon / Green Nylon / Grey Nylon / Blue Nylon / White Nylon / Red Nylon.
Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



Yellow Nylon



Green Nylon



Grey Nylon



Blue Nylon



White Nylon



Red Nylon



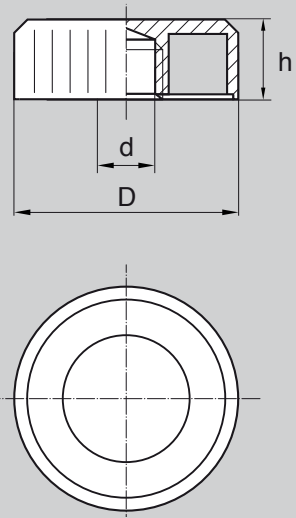


NUTS > Round nuts 325
> Deco round nuts

Bülte

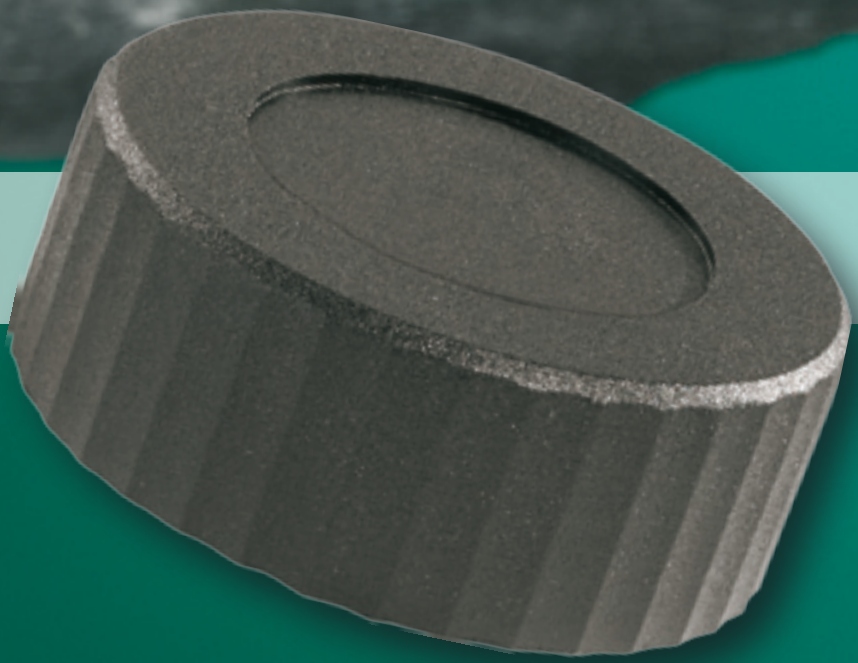


NUTS

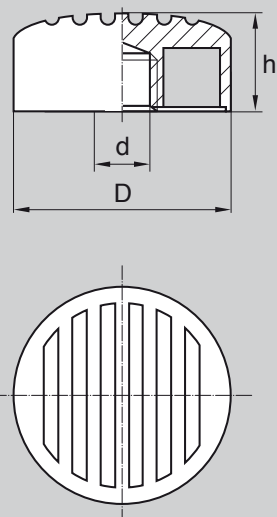
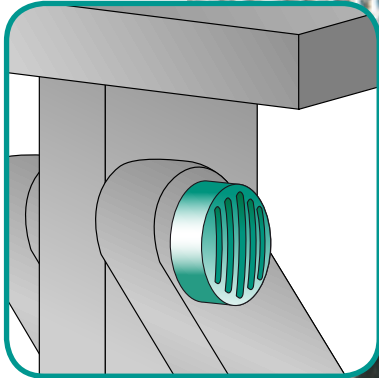
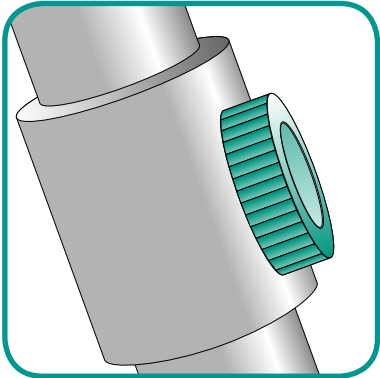


d	D	h	Unit of sale	Part N°
M5	32,5	12,0	100	3255
M6	32,5	12,0	100	3256
M8	32,5	12,0	100	3258

Round nut **325** >>

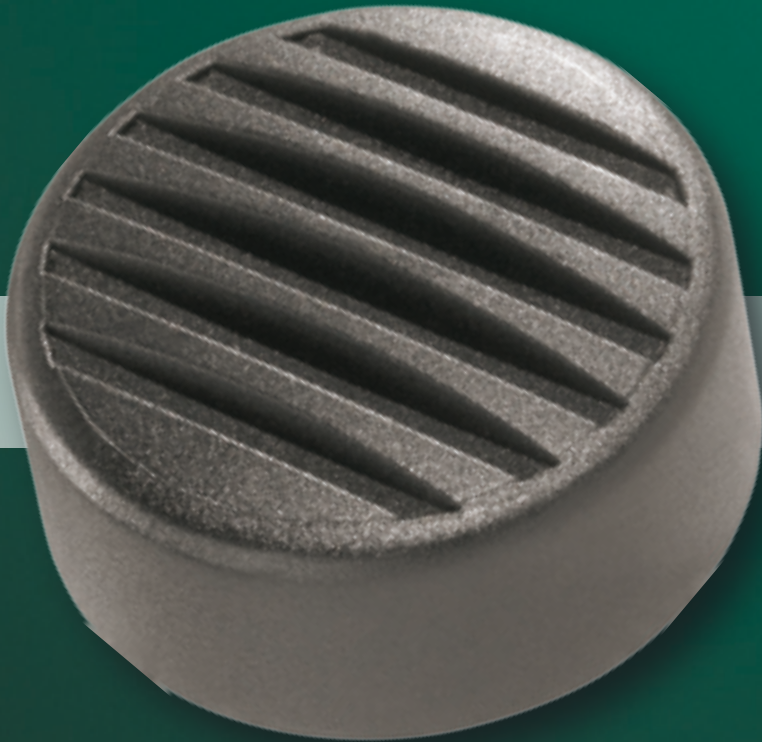


- > Manual tightening.
- > For a perfect finish.
- > The good mechanical, electrical and thermal properties of Polyamide are reinforced by glass fibre.



d	D	h	Unit of sale	Part N°
M5	32,5	14,5	100	3255DECO
M6	32,5	14,5	100	3256DECO
M8	32,5	14,5	100	3258DECO

<< **Deco** round nut



MATERIALS - COLOURS

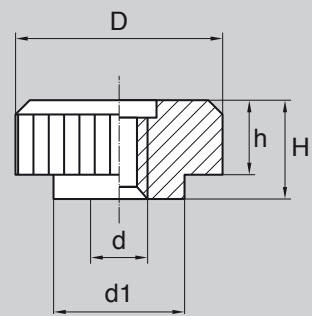
STANDARD :

- Black Nylon 25% glass filled .

ON REQUEST :

- White Nylon / Red Nylon / Grey Nylon / Blue Nylon / Yellow Nylon / Green Nylon. Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.





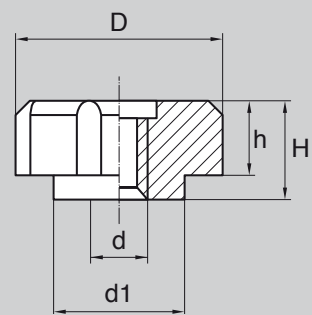
Form A

- > Light and rustproof.
- > Good mechanical properties.
- > Resists temperature from - 30°C to + 100°C.

Form A

d	D	d1	h	H	Unit of sale	Part N°
M3	12,0	8,5	3,5	5,0	1 000	2503C
M3	12,0	7,0	3,5	7,0	1 000	3503C
M4	12,0	7,0	3,5	7,0	1 000	3504C
M4	14,0	8,5	3,5	5,0	1 000	2514C
M4	16,0	10,0	4,5	6,0	1 000	2504C
M4	16,0	9,5	4,5	8,0	1 000	35041C
M4	20,0	10,0	6,0	7,5	1 000	25041C
M5	14,0	8,8	3,5	7,0	1 000	3515C
M5	16,0	10,0	4,5	6,0	1 000	2505C
M5	16,0	9,5	4,5	8,0	1 000	3505C
M5	19,0	10,0	6,0	7,5	1 000	25051C
M5	20,0	13,0	6,0	11,0	1 000	35051C
M6	16,0	10,0	4,5	6,0	1 000	2506C
M6	16,0	9,5	4,5	8,0	1 000	3506C
M6	19,0	10,0	6,0	7,5	1 000	25061C
M6	20,0	13,0	6,0	11,0	1 000	35061C
M8	24,0	13,0	6,0	7,5	1 000	2508C

Knurled thumb nut >>
Form A



Form B

Form B

d	D	d1	h	H	Unit of sale	Part N°
M4	16,0	10,0	4,5	6,5	1 000	2604C
M4	16,0	9,5	4,5	8,0	1 000	3604C
M4	20,0	10,0	5,0	6,5	1 000	26041C
M5	16,0	10,0	4,5	6,0	1 000	2605C
M5	16,0	9,5	4,5	8,0	1 000	3605C
M5	20,0	10,0	5,0	6,5	1 000	26051C
M5	24,0	10,0	5,7	7,5	1 000	3615C
M6	16,0	10,0	4,5	6,0	1 000	2606C
M6	16,0	9,5	4,5	8,0	1 000	3606C
M6	20,0	10,0	5,0	6,5	1 000	26061C
M6	24,0	10,0	5,7	7,5	1 000	2626C
M6	24,0	13,0	6,0	11,0	1 000	3626C

<< Knurled thumb nut
Form B



MATERIALS - COLOURS

STANDARD :

- White Nylon.

ON REQUEST :

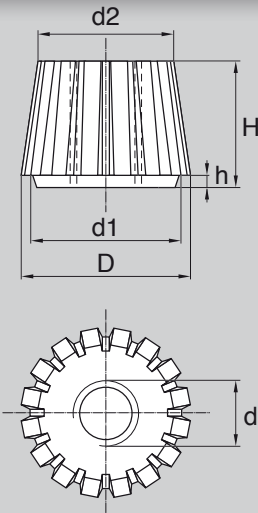
- Black Nylon / Natural Nylon / Red Nylon / Grey Nylon / Blue Nylon / Yellow Nylon. Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.





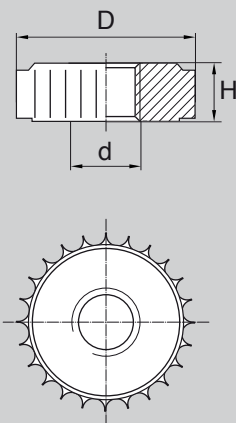
NUTS > Conical knurled nuts
> Knurled nuts “MO” / “MF”

Bülte



Conical knurled nut

d	d1	d2	D	h	H	Unit of sale	Part N°
M4	14,0	13,0	16,0	1,0	12,0	1 000	EMT4A
M5	14,0	13,0	16,0	1,0	12,0	1 000	EMT5A
M6	14,0	13,0	16,0	1,0	12,0	1 000	EMT6A



Knurled nut “MO”

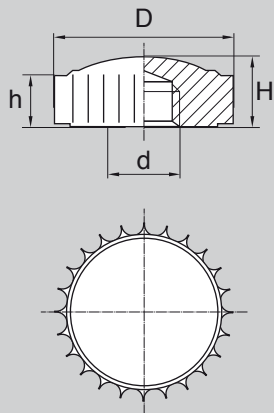
d	D	H	Unit of sale	Part N°
M3	8,0	3,5	1 000	EM03
M4	10,0	4,2	1 000	EM04
M5	13,0	5,2	1 000	EM05
M6	12,5	6,0	1 000	EM06
M8	17,5	8,3	1 000	EM08
M10	21,5	10,0	1 000	EM010

Conical knurled nut

>>

<<

Knurled nut “MO”



Knurled nut “MF”

d	D	h	H	Unit of sale	Part N°
M3	8,0	3,0	4,0	1 000	EMF3
M4	10,0	3,8	5,1	1 000	EMF4
M5	13,0	4,8	6,1	1 000	EMF5
M6	12,5	6,0	7,5	1 000	EMF6
M8	17,5	7,9	10,0	1 000	EMF8
M10	21,5	9,7	12,2	1 000	EMF10

Knurled nut Typ “MF”

>>

MATERIALS - COLOURS

Conical knurled nuts

STANDARD :

- Natural Nylon.

ON REQUEST :

- Black Nylon / White Nylon / Grey Nylon / Red Nylon.
Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.

Knurled nuts “MO” / “MF”

STANDARD :

- White Nylon 25% glass filled.

ON REQUEST :

- Black Nylon 25% glass filled.
Minimum quantity on request.



Black Nylon



White Nylon



Grey Nylon



Red Nylon



Black Nylon



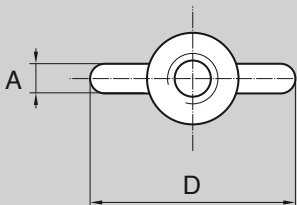
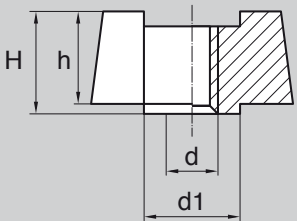
Black Nylon





NUTS > Wing nuts Form “B”
> Wing nuts “EP”

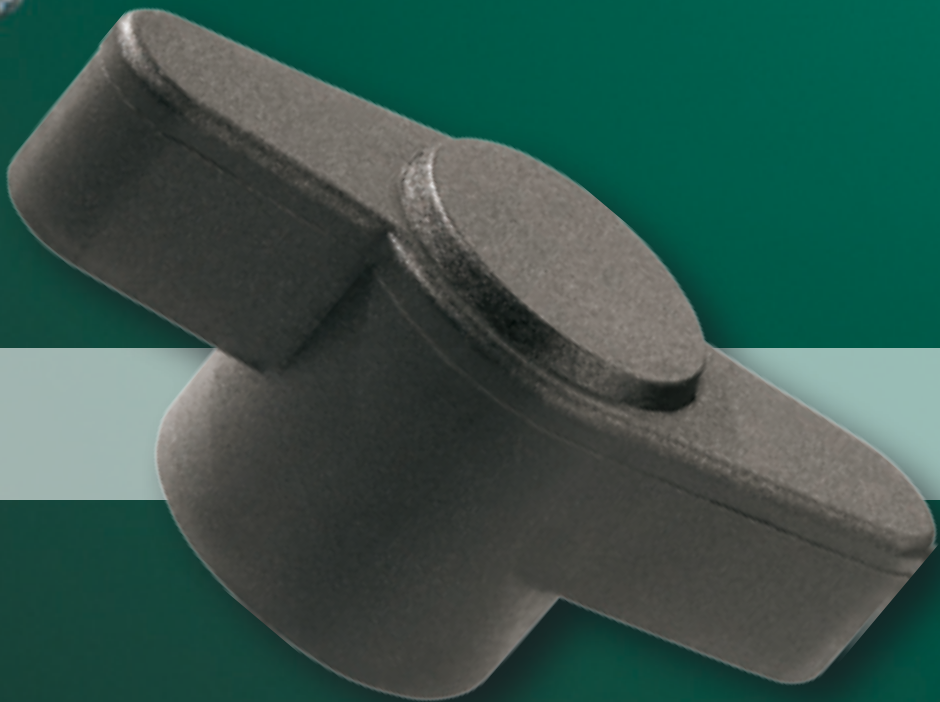
Bülte



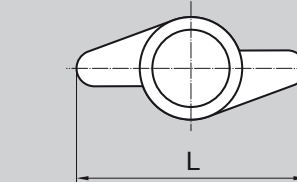
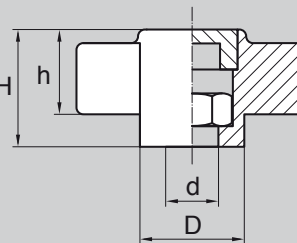
- > Light and rustproof.
- > Good mechanical properties.
- > Resists temperature from - 30°C to + 100°C.

d	D	d1	h	H	A	Unit of sale	Part N°
M4	25,0	10,5	11,8	13,5	4,0	1 000	EOB4
M5	25,0	10,5	11,8	13,5	4,0	1 000	EOB5
M6	25,0	10,5	11,8	13,5	4,0	1 000	EOB6

Wing nut
Form “B” >>



<< Wing nut
“EP”



- > Model with male insert on request.

d	D	L	h	H	Unit of sale	Part N°
M5	16,0	36,0	13,0	18,0	100	EP365B
M5	21,0	68,0	12,5	25,0	100	EP685B
M6	16,0	36,0	13,0	18,0	100	EP366B
M6	20,0	45,0	14,0	20,0	100	EP456B
M6	21,0	68,0	12,5	25,0	100	EP686B
M8	20,0	45,0	14,0	20,0	100	EP458B
M8	21,0	68,0	12,5	25,0	100	EP688B
M10	21,0	68,0	12,5	25,0	100	EP6810B

MATERIALS - COLOURS

Wing nuts Form “B”

STANDARD :

- White Nylon.

ON REQUEST :

- Black Nylon / Natural Nylon / Grey Nylon.
Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.

Wing nuts “EP”

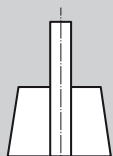
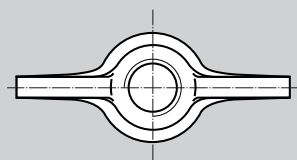
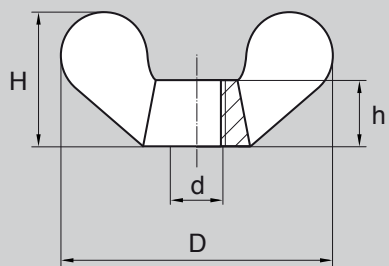
STANDARD :

- Black Nylon.

ON REQUEST :

- White Nylon / Red Nylon / Grey Nylon.
Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.

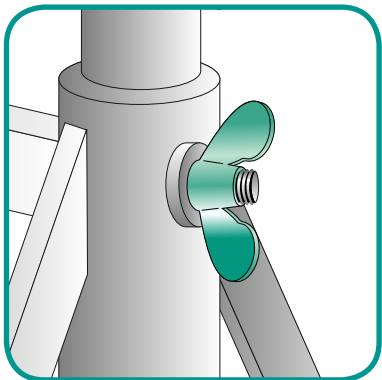




d	D	h	H	Unit of sale	Part N°
M4	15,0	5,0	10,0	1 000	3154
M5	28,3	8,2	16,0	1 000	3155
M6	28,3	8,2	16,0	1 000	3156
M8	35,8	10,0	19,8	1 000	3158
M10	43,5	10,0	24,8	1 000	31510



- > For finishing applications.
- > Manual tightening.
- > Light and rustproof.
- > Good resistance to wear and weather conditions.



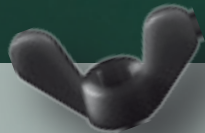
MATERIALS - COLOURS

STANDARD :

- Natural Nylon.

ON REQUEST :

- Black Nylon / White Nylon / Red Nylon / Blue Nylon / Yellow Nylon / Grey Nylon. Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



Black Nylon



White Nylon



Red Nylon



Blue Nylon

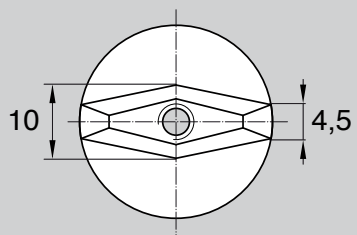
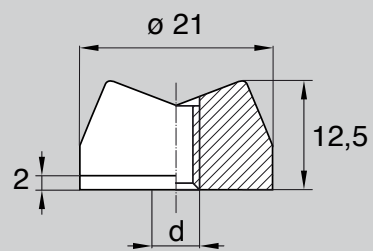


Yellow Nylon



Grey Nylon

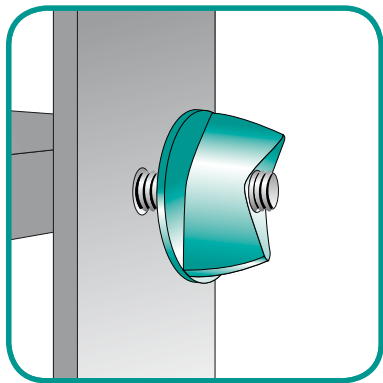




d	Unit of sale	Part N°
M6	1 000	EOR6A

158a

- > Light and rustproof.
- > Good resistance to wear and weather conditions.



MATERIALS - COLOURS

STANDARD :

- Natural Nylon.

ON REQUEST :

- Black Nylon / PE / Black PE / PP / Red Nylon / Blue Nylon.
Minimum quantity on request.
- Colours : see RAL colour chart page 510 / 511.



159a



Black Nylon



PE



Black PE



PP



Red Nylon



Blue Nylon

