



2018

# Zawiasy puszkowe

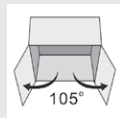
Hinges



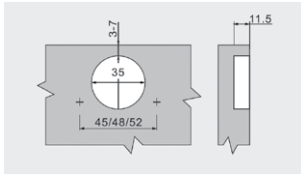
GRASSHOPPER®  
SOLUTIONS

Unihopper•





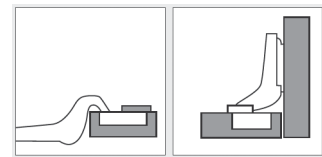
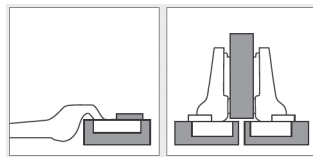
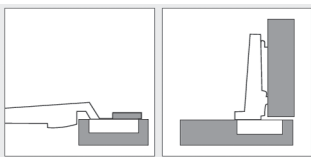
- Kąt otwarcia 105 st
- Średnica wiercenia  $\varnothing 35$ mm
- Głębokość nawiertu pod puszkę 11,5 mm
- Pełna regulacja 3D
- Rozstaw otworów montażowych 45mm (\*dostępne również 48 oraz 52 mm)
- Otwór pod wkręt do drewna
- Opening angle 105
- Cup diameter 35 mm
- Depth 11,5 mm
- Full 3D regulation
- Hole distance 45mm (\*available 48, 52 mm)
- Cup holes



INDEX HG1112.CO.1 SZT./PC 100

INDEX HG1112.C8.1 SZT./PC 100

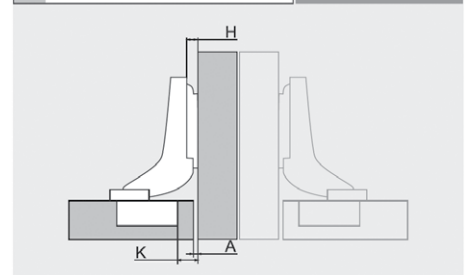
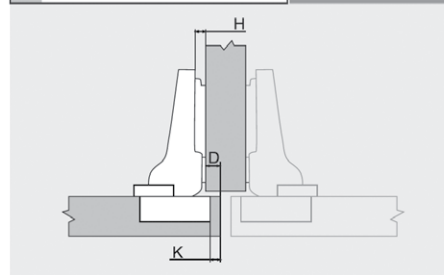
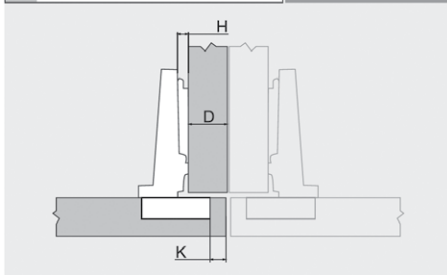
INDEX HG1112.C15.1 SZT./PC 100



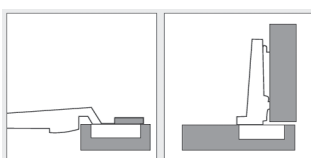
D	K	3	4	5	6	7	H=14+k-D
H	0	17	18	19	20	21	

D	K	3	4	5	6	7	H=4+k-D
H	0	7	8	9	10	11	

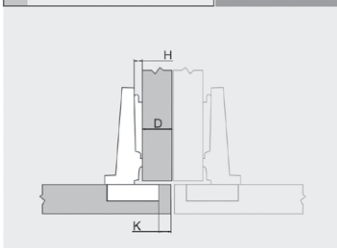
A	K	3	4	5	6	7	H=-4+k+A
H	0	1	0	-1	-2	-3	



INDEX HG1412.CO.1 SZT./PC 50

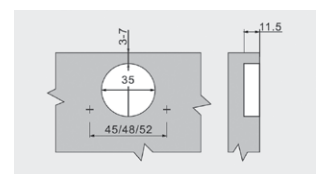


D	K	3	4	5	6	7	H=14+k-D
H	0	17	18	19	20	21	
	2	15	16	17	18	19	



- Kąt otwarcia 165 st
- Średnica wiercenia  $\varnothing 35$ mm
- Głębokość nawiertu pod puszkę 11,5 mm
- Pełna regulacja 3D
- Rozstaw otworów montażowych 45mm (\*dostępne również 48 oraz 52 mm)
- Otwory pod wkręty do drewna

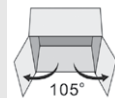
- Opening angle 165
- Cup diameter 35 mm
- Depth 11,5 mm
- Full 3D regulation
- Hole distance 45mm (\*available 48, 52 mm)
- Cup holes





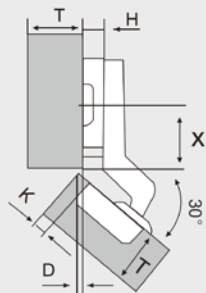
Design

Clip-on



INDEX SZT./PC  
HG1411.1 100

X <sup>D</sup>	K	4	5	6	7
H		37	36	35	34
2		1	2	3	4



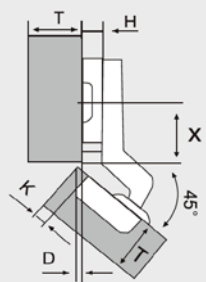
- Kąt otwarcia 30 st
- Średnica wiercenia  $\phi$ 35mm
- Głębokość nawiertu pod puszkę 11,5mm
- Pełna regulacja 3D
- Rozstaw otworów montażowych 45mm (\*dostępne również 48 oraz 52 mm)
- Otwory pod wkręty do drewna



- Opening angle 30
- Cup diameter 35 mm
- Depth 11,5 mm
- Full 3D regulation
- Hole distance 45mm (\*available 48, 52 mm)
- Cup holes

INDEX SZT./PC  
HG1406.1 100

X <sup>D</sup>	K	4	5	6	7
H		37	36	35	34
2		1	2	3	4



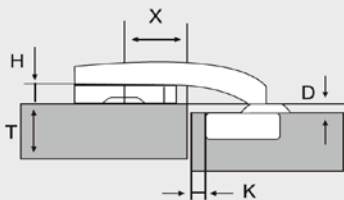
- Kąt otwarcia 45 st
- Średnica wiercenia  $\phi$ 35mm
- Głębokość nawiertu pod puszkę 11,5 mm
- Pełna regulacja 3D
- Rozstaw otworów montażowych 45mm (\*dostępne również 48 oraz 52 mm)
- Otwory pod wkręty do drewna



- Opening angle 45
- Cup diameter 35 mm
- Depth 11,5 mm
- Full 3D regulation
- Hole distance 45mm (\*available 48, 52 mm)
- Cup holes

INDEX SZT./PC  
HG1407.1 100

X <sup>D</sup>	K	4	5	6	7
H		20	19		
2		1	2		



- Kąt otwarcia 90 st
- Średnica wiercenia  $\phi$ 35mm
- Głębokość nawiertu pod puszkę 11,5mm
- Pełna regulacja 3D
- Rozstaw otworów montażowych 45mm (\*dostępne również 48 oraz 52 mm)
- Otwory pod wkręty do drewna



- Opening angle 90
- Cup diameter 35 mm
- Depth 11,5 mm
- Full 3D regulation
- Hole distance 45mm (\*available 48, 52 mm)
- Cup holes

PROWADNIKI - OTWÓR POD WKRĘT 4X16 MM

MOUNTING PLATE wooden screw 4X16 mm

INDEX SZT./PC  
HG1112.B 500



INDEX SZT./PC  
HG1112.A1 50C



PROWADNIKI - OTWÓR EURO WKRĘT M6X14

MOUNTING PLATE euro screw M6x14 mm

INDEX SZT./PC  
HG1112.A2 50C



ZAŚLEPKA ZAWIASU

cover

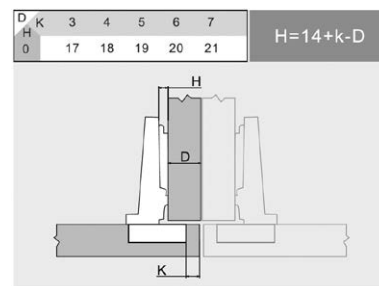
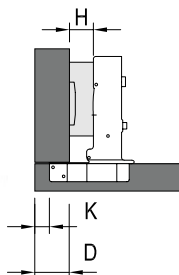
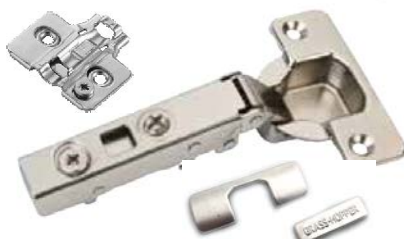
INDEX SZT./PC  
HG1112.CD 1000



ZAWIAS Z PROWADNIKIEM MIMOŚRODOWYM / HINGES WITH 3D MOUNTING PLATE

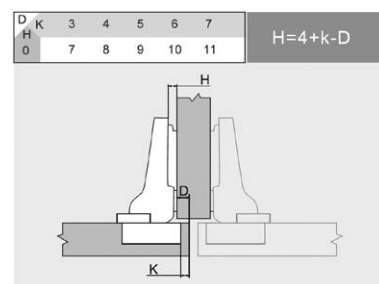
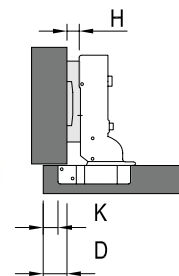
INDEX KPL. / SET  
01.GH30.000 100

01.GH30.001 EURO 100



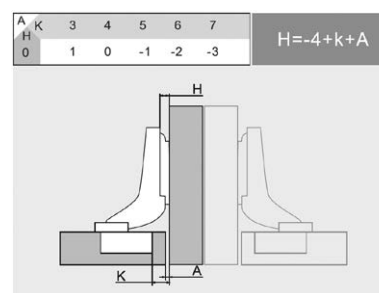
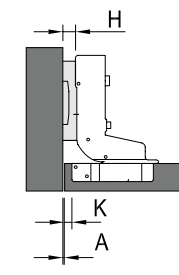
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01.GH30.010 EURO 100



INDEX KPL. / SET  
01.GH30.018 100

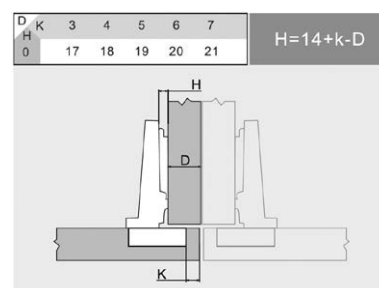
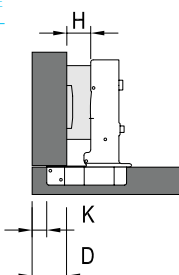
01.GH30.019 EURO 100



ZAWIAS Z PROWADNIKIEM STANDARDOWY / HINGES WITH STANDARD MOUNTING PLATE

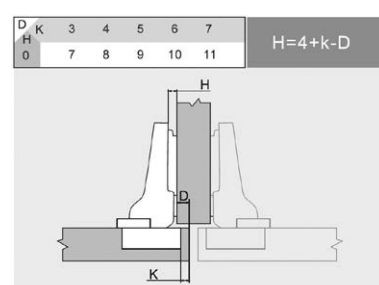
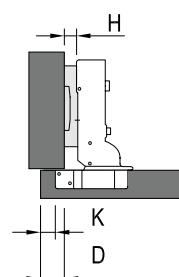
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01.GH31.000 100

01.GH31.001 EURO 100



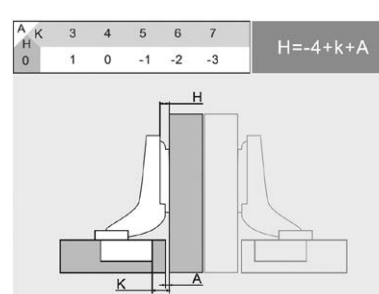
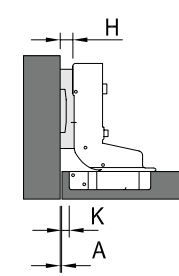
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01.GH31.010 EURO 100

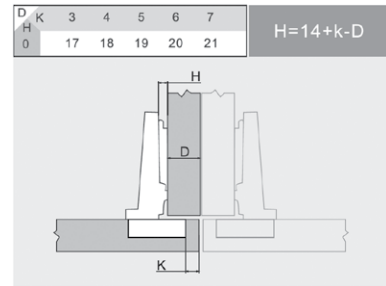
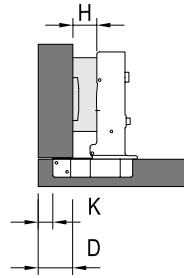


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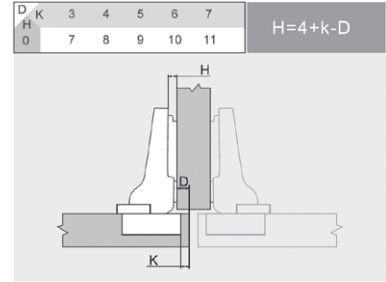
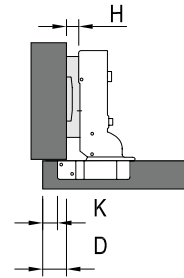
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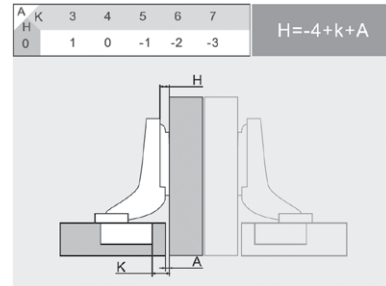
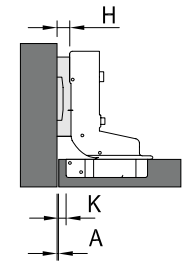
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01.GH20.001 EURO	100	



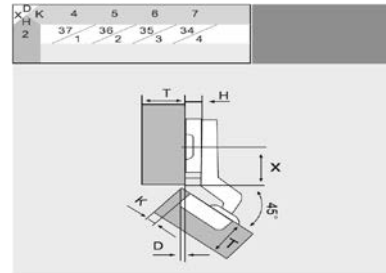
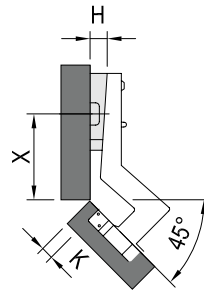
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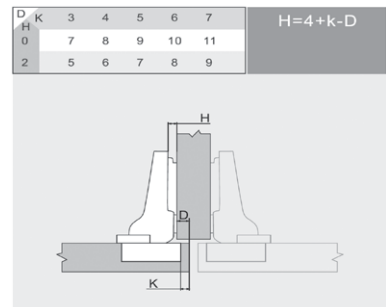
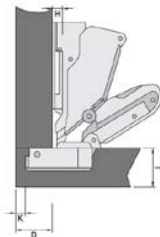
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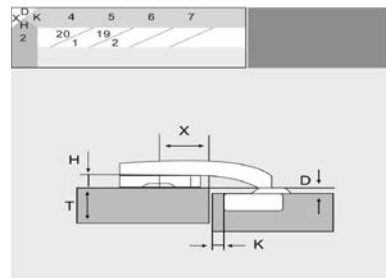
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01.GH20.046 EURO	100	



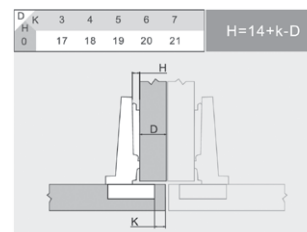
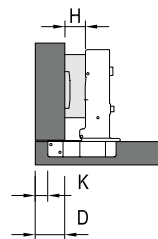
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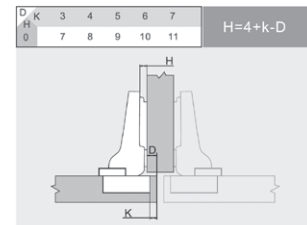
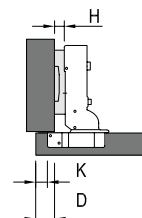
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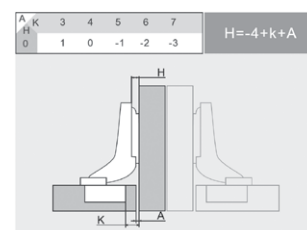
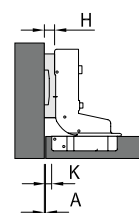
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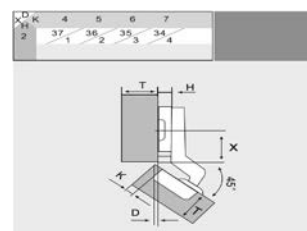
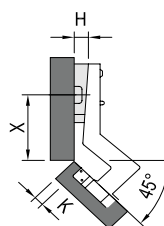
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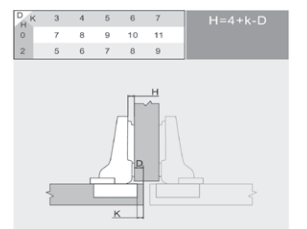
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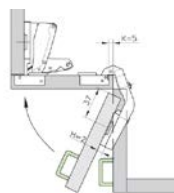
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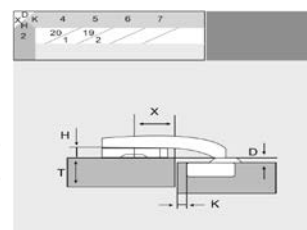
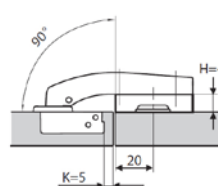
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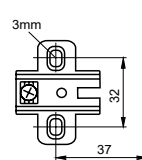
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INDEX SZT./PC  
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 01.GH11.001 EURO 500 



INDEX H=2 SZT./PC  
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 01.GH11.012 EURO 500 

