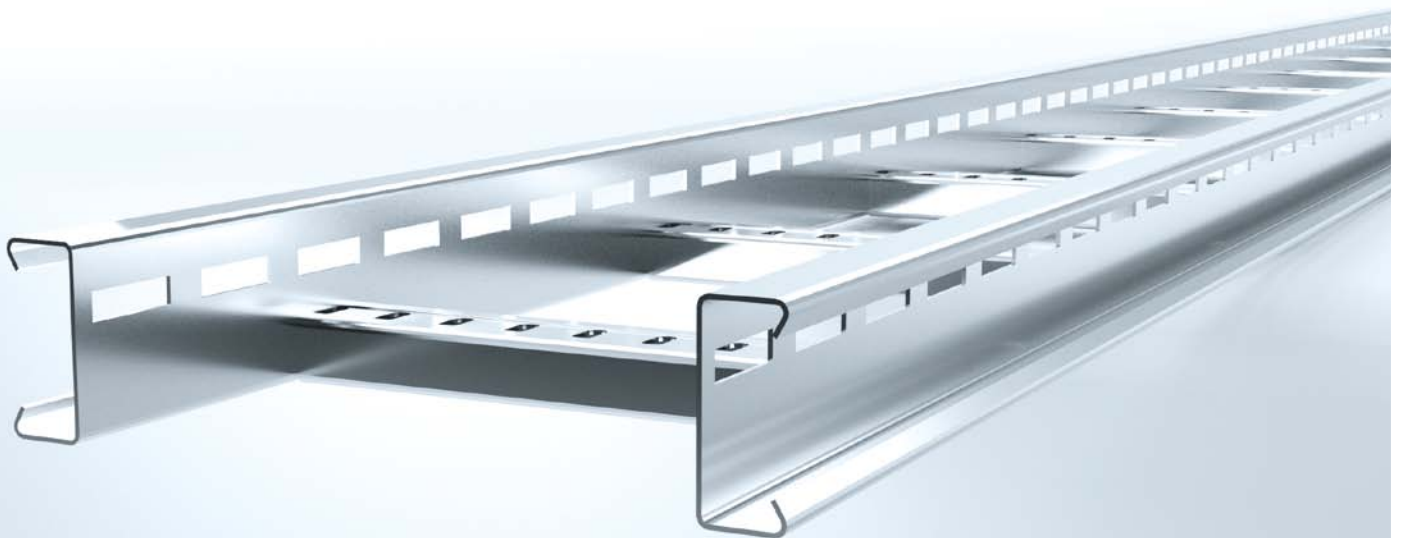




Wide-span cable ladder WP 60

Catalogue



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Wide-span cable ladder

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Wide-span cable ladder

WP 60 wide-span cable ladder, height = 60 mm

Welded construction.



article number	H mm	B mm	L mm	finish HDG	G kg
WP06	60	200	6000	●	23.09
WP06	60	300	6000	●	25.95
WP06	60	400	6000	●	28.82
WP06	60	600	6000	●	34.57

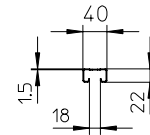
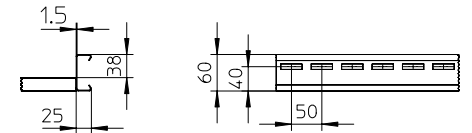
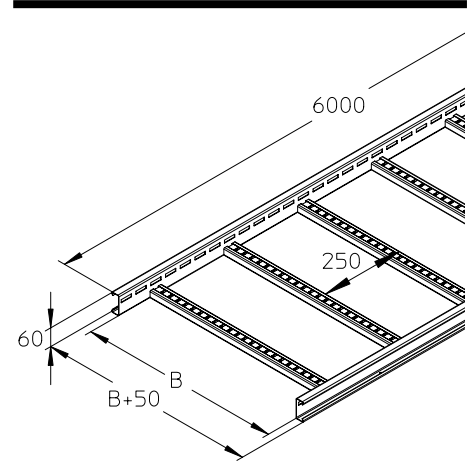
accessories optional:

WPHB 60	wide-span bend, height = 60 mm	(page 6)
WPTP 60	wide-span branch, height = 60 mm	(page 6)
WPC 60	wide-span coupler, height = 60 mm	(page 10)
WPCH 60	wide-span coupler, horizontally adjustable, height = 60 mm	(page 10)
WPCV 60	wide-span coupler, vertically adjustable, height = 60 mm	(page 10)
WPCHV 60	wide-span coupler, horizontal-vertical, height = 60 mm	(page 10)
WPS 60	wide-span separating strip, height = 50 mm	(page 11)
WPF-B 60	flange mounting clamp (brackets)	(page 9)
WPF-C 60	flange mounting clamp (C-profiles)	(page 9)
WPF-P 60	flange mounting clamp (profiles)	(page 9)
WPF-IS	isolation strip	(page 9)

article number for example

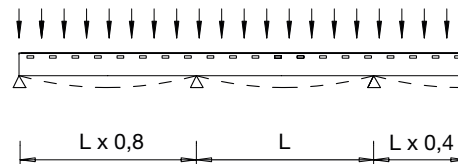
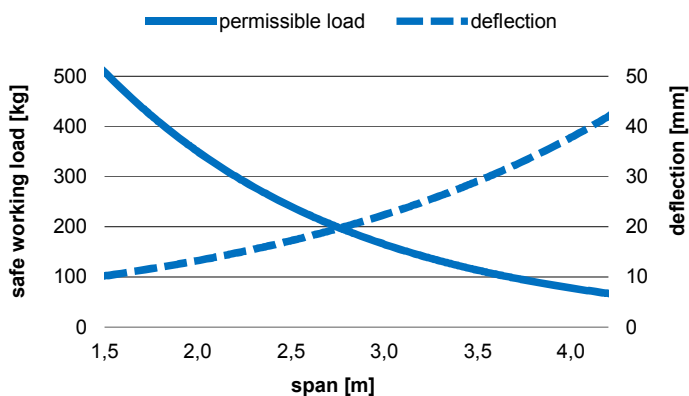
article number-B[cm]-finish

WP06-20-HDG



Load diagram

acc. to IEC 61537 DIN EN 61537) 10.3.2 test method II



Wide-span cable ladder

Formed parts

WPHB 60 wide-span bend, height = 60 mm

Welded construction. Formed components must be supported at all sides.

article number	H	B	angle	R	finish	G
	mm	mm	[°]	[mm]		kg
WPHB06	60	200	● 90	● 300	● HDG	4.45
WPHB06	60	300	● 90	● 300	● HDG	5.27
WPHB06	60	400	● 90	● 300	● HDG	6.57
WPHB06	60	600	● 90	● 300	● HDG	9.16

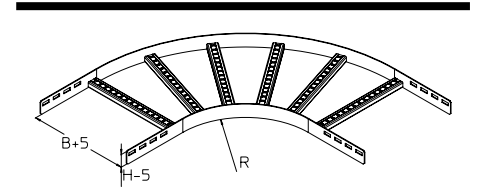
inclusive:

4 x **SEM 8-304** hexagon-nut, DIN 934
 4 x **FRSV 8x16-304** round-head screw with short square, DIN 603

[article number for example](#)

article number-B[cm]-angle[°]-radius[cm]-finish

WPHB06-20-90-30-HDG



WPTP 60 wide-span branch, height = 60 mm

Welded construction. Formed components must be supported at all sides. Dissymmetric branches on request. Branches with higher width/radius are delivered as two pieces including coupling bolts.

article number	H	B	R	finish	G
	mm	mm	[mm]		kg
WPTP06	60	200	● 300	● HDG	7.60
WPTP06	60	300	● 300	● HDG	8.57
WPTP06	60	400	● 300	● HDG	9.99
WPTP06	60	600	● 300	● HDG	12.85

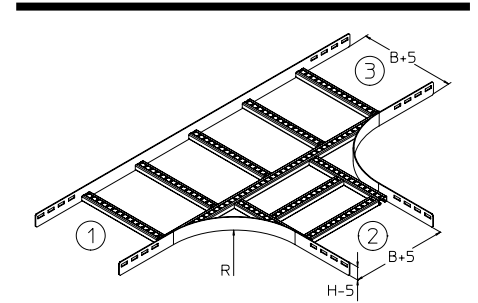
inclusive:

6 x **SEM 8-304** hexagon-nut, DIN 934
 6 x **FRSV 8x16-304** round-head screw with short square, DIN 603

[article number for example](#)

article number-B[cm]-radius[cm]-finish

WPTP06-20-30-HDG



Wide-span cable ladder

Cover

WPCO wide-span cover

In our additional information is explained which amount of fitting cover hook clips you need.

article number	B mm	L mm	finish HDG	G kg
WPCO	200	3000	●	5.08
WPCO	300	3000	●	9.30
WPCO	400	3000	●	11.82
WPCO	600	1500	●	10.54

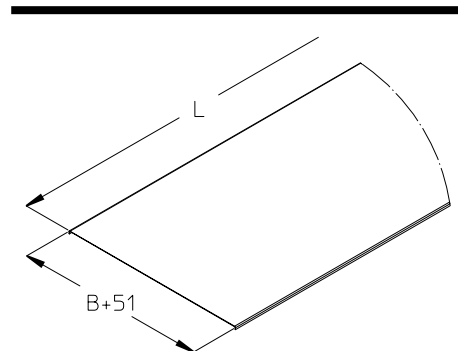
accessories optional:

WPDUK cover clamp (page 7)

[article number for example](#)

article number-B[cm]-finish

WPCO20-HDG



WPDUK cover clamp

Can also be used as storm protection angle. According to assembly instructions you should use at least 6 safety elements for each 3 meters cable path cover. For wind-exposed areas, the number of cover clamps must be increased to at least 10 pcs.

article number	H mm	B mm	L mm	t mm	finish HDG	G kg
WPDUK	29	30	66,5	2,5	●	0.05

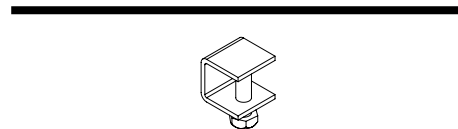
inclusive:

1 x **SES 6x20-304** hexagon head bolt, DIN 933

[article number for example](#)

article number-finish

WPDUK-HDG



WPHBCO wide-span bend cover

In our additional information is explained which amount of fitting cover hook clips you need.

article number	B mm	angle [°]	R [mm]	finish HDG	G kg
WPHBCO	200	●	●	●	1.86
WPHBCO	300	●	●	●	3.66
WPHBCO	400	●	●	●	4.98
WPHBCO	600	●	●	●	10.00

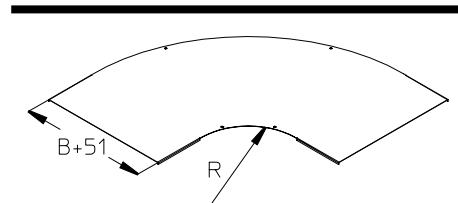
accessories optional:

WPFCHO fitting cover hook clip (page 7)

[article number for example](#)

article numberB[cm]-angle[°]-R[cm]-finish

WPHBCO20-90-30-HDG



WPFCHO fitting cover hook clip

article number	L mm	finish 304	G kg
WPFCHO	60	●	0.04

inclusive:

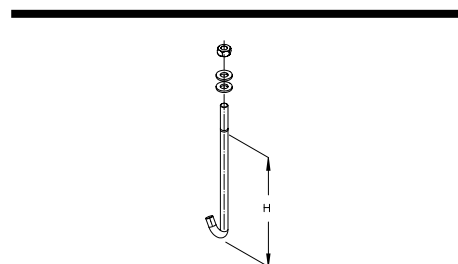
2 x **US 8x17-304** square washer

1 x **SEM 8-304** hexagon-nut, DIN 934

[article number for example](#)

article numberL[cm]-finish

WPFCHO6-HDG



Wide-span cable ladder

Cover

WPTPCO wide-span branch cover

Dissymmetric covers on request.

Covers with higher width/radius are delivered as two pieces including coupling bolts. In our additional information is explained which amount of fitting cover hook clips you need.

article number	B mm	R [mm] 300	finish HDG	G kg
WPTPCO	200	●	●	4.29
WPTPCO	300	●	●	6.16
WPTPCO	400	●	●	8.20
WPTPCO	600	●	●	15.99

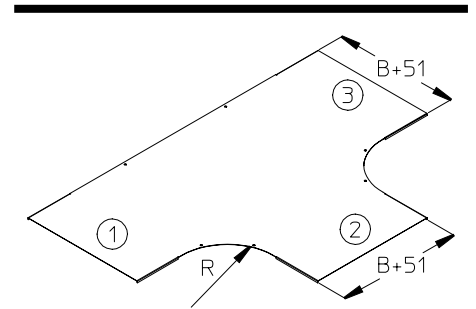
accessories optional:

WPFCHO fitting cover hook clip (page 7)

[article number for example](#)

article number B[cm]-R[cm]-finish

WPTPCO20-30-HDG



Wide-span cable ladder

Accessories

WPF-B 60 flange mounting clamp (brackets)

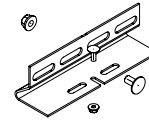
article number	finish	G
	HDG	kg
WPF06-B	●	0.46

inclusive:
 1 x **KLS 8x16-304** fixing set
 1 x **FRSV 6x16-304** round-head screw with short square
 1 x **SEMS 6-304** hexagon nut, self-locking

[article number for example](#)

article number-finish

WPF06-B-HDG



WPF-C 60 flange mounting clamp (C-profiles)

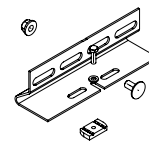
article number	finish	G
	HDG	kg
WPF06-C	●	0.50

inclusive:
 1 x **KLS 8x16-304** fixing set
 1 x **SES 6x20-304** hexagon head bolt, DIN 933
 1 x **US 6x12-304** square washer
 1 x **AM22 M6-304** channel nut, A41/KHA 41/KHAL 41

[article number for example](#)

article number-finish

WPF06-C-HDG



WPF-P 60 flange mounting clamp (profiles)

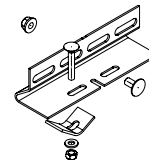
article number	finish	G
	HDG	kg
WPF06-P	●	0.59

inclusive:
 1 x **SKLL** clamping claw
 1 x **KLS 8x16-304** fixing set
 1 x **FRS 8x50-304** round-head screw with square, DIN 603
 1 x **US 8x17-304** square washer
 1 x **SEM 8-304** hexagon-nut, DIN 934

[article number for example](#)

article number-finish

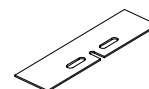
WPF06-P-HDG



WPF-IS isolation strip

Isolation strip for galvanic isolation between cable ladders and support systems.

article number	G
	kg
WPF-IS	0.02



Wide-span cable ladder

Accessories

WPC 60 wide-span coupler, height = 60 mm

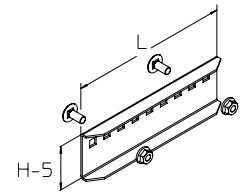
In order to compensate for the heat expansion one side of the connector is mounted as a loose bearing. The given torques must be observed. The other side of the connector is to be mounted as a fixed bearing. A minimum distance of 4 mm must be kept between the cable ladders. Electrical conductivity tested according to DIN EN ISO 61537.



article number	H mm	L mm	finish HDG	G kg
WPC06	60	190	●	0.28

inclusive:
2 x **KLS 8x16-304** fixing set

[article number for example](#)
article number-finish
WPC06-HDG

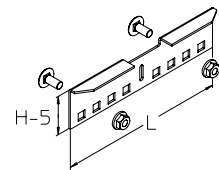


WPCH 60 wide-span coupler, horizontally adjustable, height = 60 mm

article number	H mm	L mm	finish HDG	G kg
WPCH06	60	190	●	0.19

inclusive:
2 x **KLS 8x16-304** fixing set

[article number for example](#)
article number-finish
WPCH06-HDG

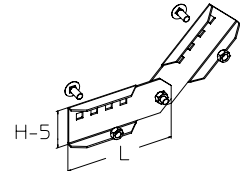


WPCV 60 wide-span coupler, vertically adjustable, height = 60 mm

article number	H mm	L mm	finish HDG	G kg
WPCV06	60	140	●	0.37

inclusive:
3 x **SEM 8-304** hexagon-nut, DIN 934
3 x **FRSV 8x16-304** round-head screw with short square, DIN 603
1 x **FS 8-304** serrated lock washer

[article number for example](#)
article number-finish
WPCV06-HDG

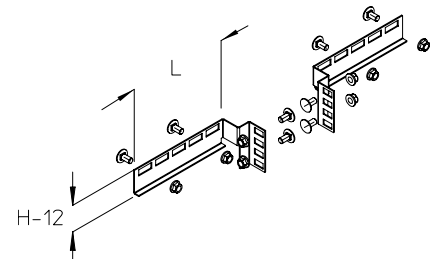


WPCHV 60 wide-span coupler, horizontal-vertical, height = 60 mm

article number	H mm	L mm	finish HDG	G kg
WPCHV06	60	232	●	0.65

inclusive:
8 x **KLS 8x16-304** fixing set

[article number for example](#)
article number-finish
WPCHV06-HDG



Wide-span cable ladder

Accessories

WPS 60 wide-span separating strip, height = 33 mm

article number	H mm	L mm	finish HDG	G kg
WPS06	33	3000	●	1,70

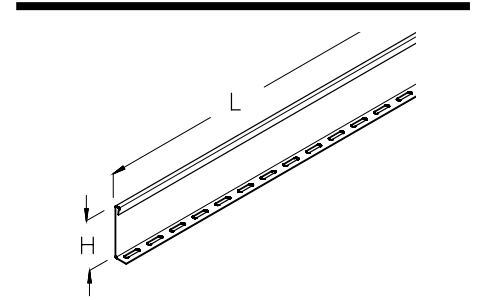
inclusive:

3 x **FRSV 6x12-304** round-head screw with short square
3 x **SEMS 6-304** hexagon nut, self-locking

[article number for example](#)

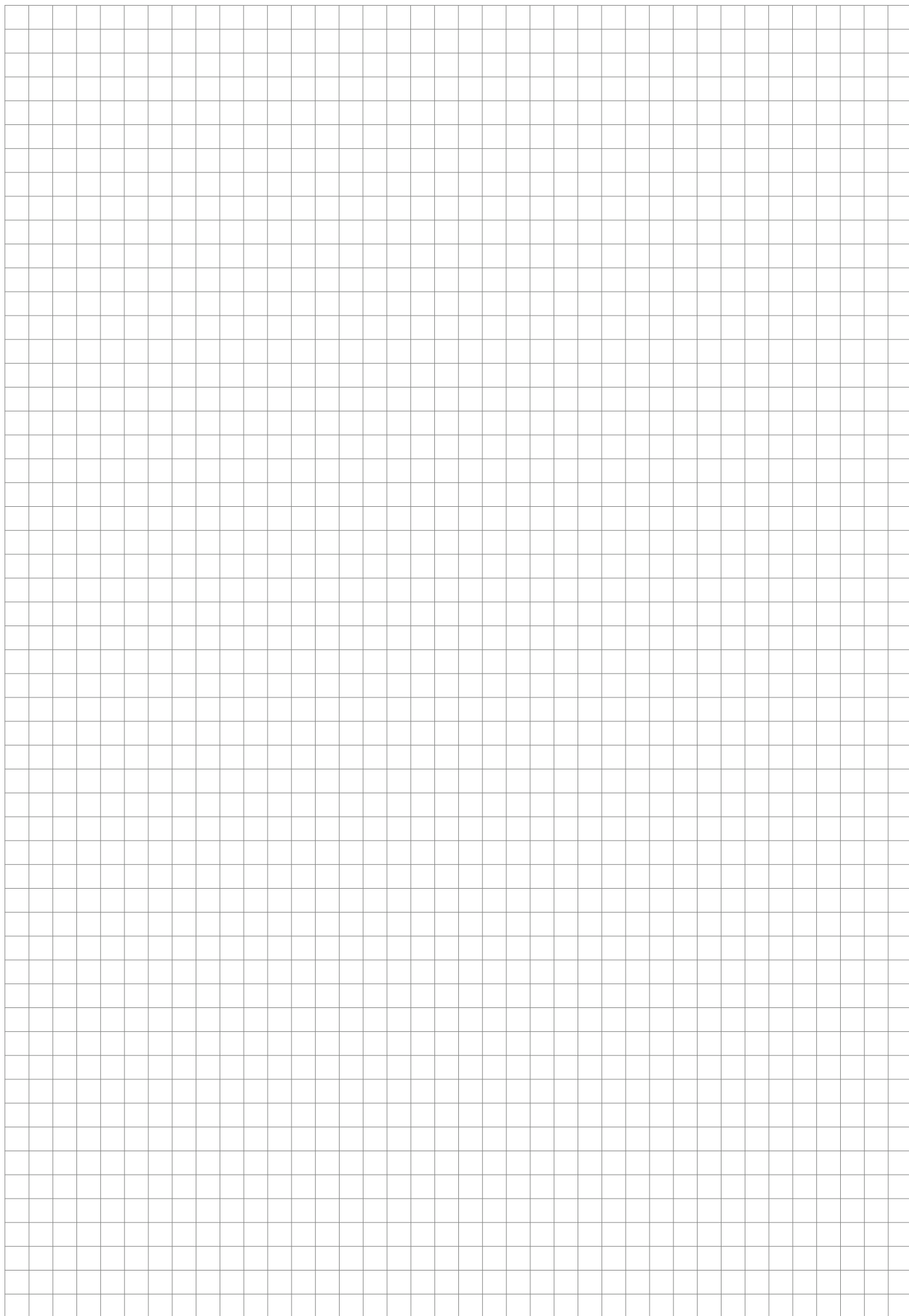
article number-finish

WPS06-HDG



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WPHBCO	7
WPS 60	11
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A	Cross section (useable) of cable tray
a	Wire distance
B	Width
D Ø	Diameter
d	Thickness
F _D	dowel load
G	Weight per piece
H	Height
H _{max}	Maximum height
IK	Internal hexagon
k	Clamping range
L	Length
L _{min}	Minimum length
I _y	Torque of inertia around y-axis
I _z	Torque of inertia around z-axis
M	Torque
I	Capacity
P	Load
P _{max}	Maximum permissible load
P _{zul}	Permissible load
Q _{LK}	Distributed load power cable
Q _{SK}	Distributed load control cable
R	Radius
StA	Distance between supports
SW	Wrench size
t	Material thickness
T	Depth
W _y	Resisting torque around y-axis
W _z	Resisting torque around z-axis
B	Steel, untreated and non-corrosive
E	Stainless steel, material no. 1.4301 (ANSI 304) (V2A)
E4	Stainless steel, material no. 1.4571 (ANSI 316 Ti) / 1.4404 (ANSI 316 L)
EPDM	Ethylene-propylene-caoutchouc
F	Hot-dip galvanized, according to EN ISO 1461
GV	Fastenings galvanized, according to ISO 4042
M	Sand blasted and imprimer
PA	Polyamide
PE	Polyethylen
PVC	Polyvinyl chloride
S	Continuously hot galvanized (Sendzimir process) (EN 10346) (10244-2 for wire)
	Do not walk upon!
	TUV approved
	Certified according to Germanischer Lloyd



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