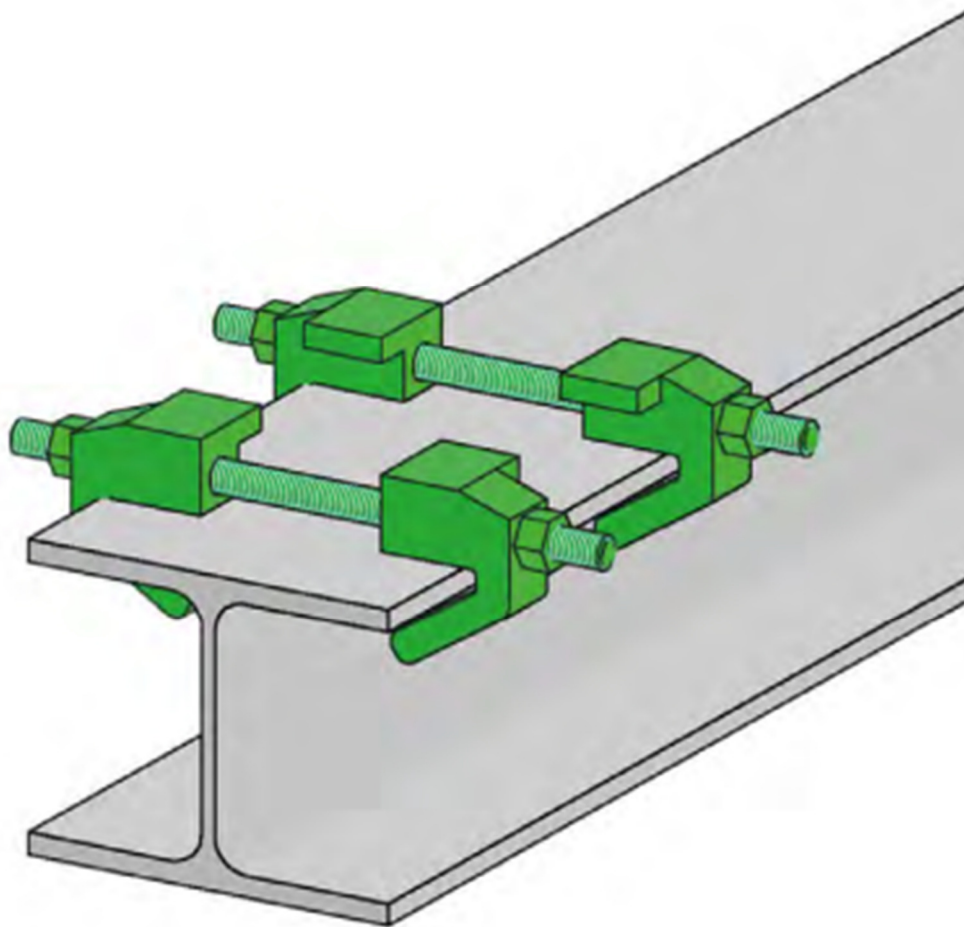
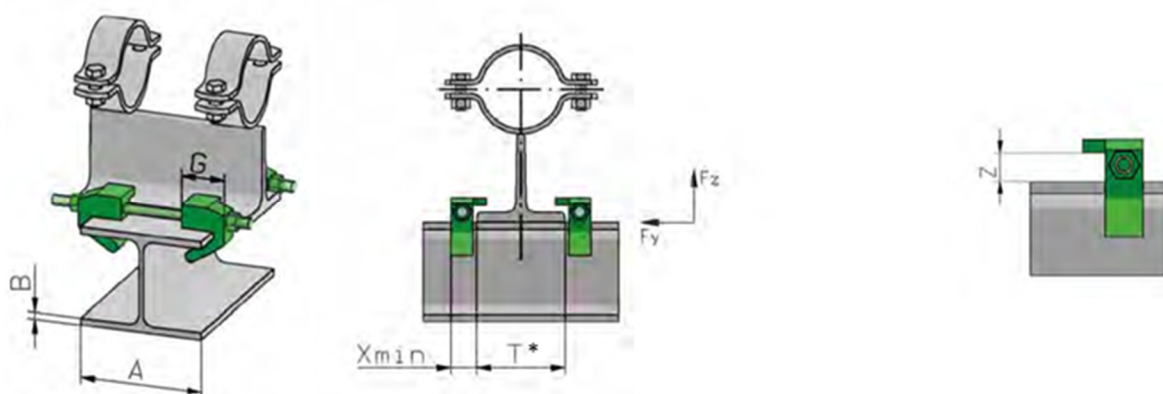


CLAMP SYSTEM



Clamp system for pipe bearings Type PDA



Clamp system - type PDA

Profile clamp set with lift-off prevention for pipe bearings

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M10 - 25 Nm; M12 - 30 Nm; M20 - 120 Nm

Connection profile 80 - 300 mm flange width, other profiles on request*

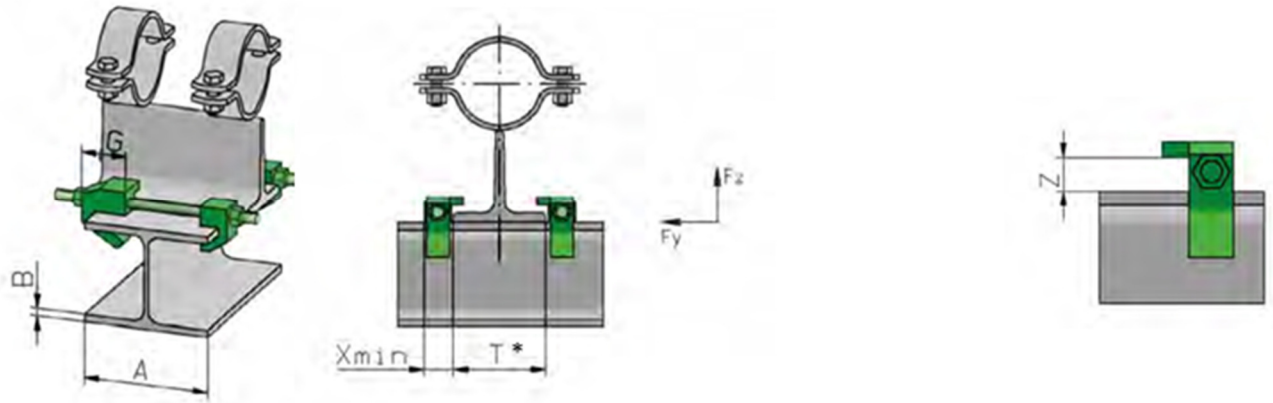
Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		Weight kg
	A mm	B mm				F _z	F _y	
PDA-120/10-R-F	80-120	7-8	30	20	13	11,0	6,0	1,0

Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		Weight kg
	A mm	B mm				F _z	F _y	
PDA-120/12-R-F	85-120	8-20	50	25	18	22,0	10,0	2,0
PDA-160/12-R-F	130-160	8-20	50	25	18	19,0	9,0	2,0
PDA-200/12-R-F	170-200	8-20	50	25	18	18,0	8,0	2,1
PDA-240/12-R-F	210-240	8-20	50	25	18	15,0	7,0	2,1
PDA-300/12-R-F	250-300	8-20	50	25	18	13,0	6,0	2,3

Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		Weight kg
	A mm	B mm				F _z	F _y	
PDA-300/20-R-F	200-300	8-26	50	40	25	45,0	15,0	6,1

* T = Pipe support width

Clamp system for pipe bearings Type PDK



Clamp system - type PDK

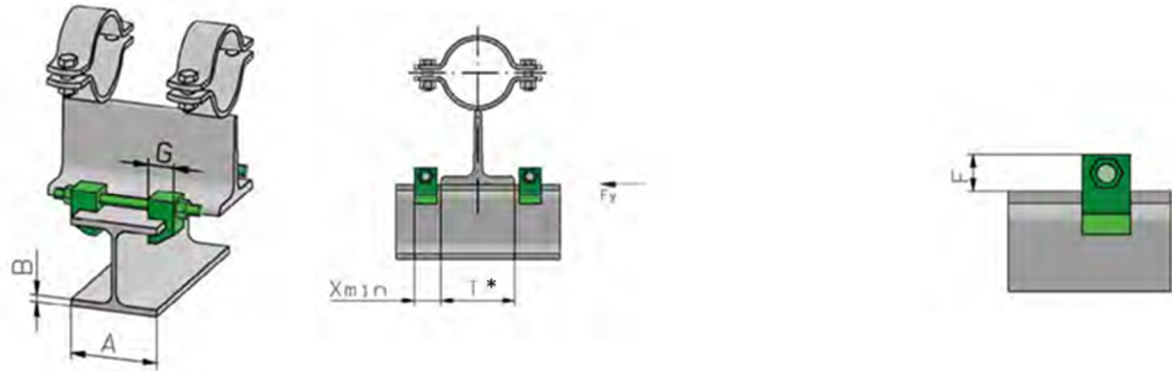
Profile clamp set with lift-off prevention for pipe bearings	
Material/Execution	S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection
Torque	M12 - 30 Nm; M20 - 120 Nm
Connection profile	80 - 300 mm flange width, other profiles on request

Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		Weight kg
	A mm	B mm				F _z	F _y	
PDK-120/12-R-F	80-120	8-16	50	30	18	11,0	10,0	1,7
PDK-160/12-R-F	130-160	8-16	50	30	18	10,0	9,0	1,7
PDK-200/12-R-F	170-200	8-16	50	30	18	9,0	8,0	1,8
PDK-240/12-R-F	210-240	8-16	50	30	18	8,0	7,0	1,8
PDK-300/12-R-F	250-300	8-16	50	30	18	7,0	6,0	2,0

Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		weight kg
	A mm	B mm				F _z	F _y	
PDK-300/20-R-F	200-300	8-19	50	40	25	22,0	15,0	6,1

* T = Pipe support width

Clamp system for pipe bearings Type PD



Clamp system - type PD

Profile clamp set with guide for pipe bearings

Material/Execution S235 or similar, threaded parts 8.8/8, hot dip galvanized, incl. screw connection

Torque M12 - 30 Nm; M16 - 90 Nm; M20 - 120 Nm

Connection profile 80 - 300 mm flange width, other profiles on request

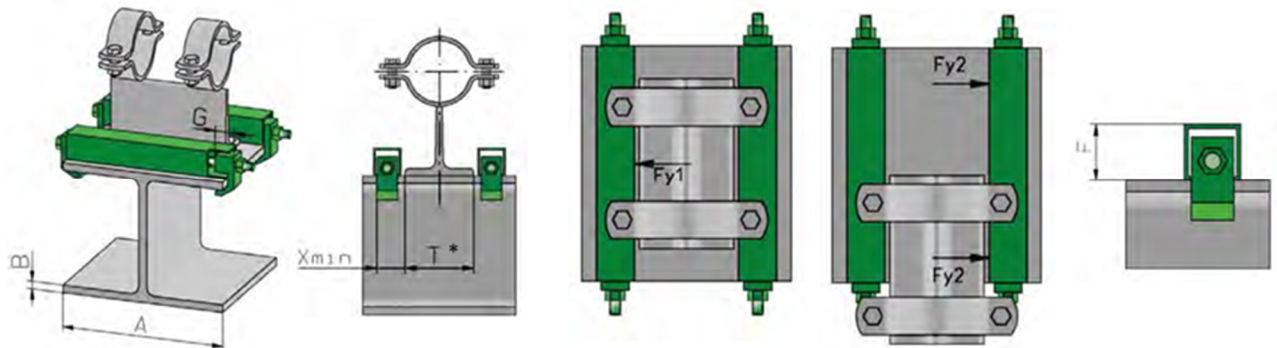
Type	Conn. profile flange		G	X	F	Loads kN	Weight
	A	B	mm	mm	mm	F _y	kg
	mm	mm					
PD-120/12-R-F	80-120	8-16	30	30	22	10,0	1,4
PD-160/12-R-F	130-160	8-16	30	30	22	9,0	1,5
PD-200/12-R-F	170-200	8-16	30	30	22	8,0	1,6
PD-240/12-R-F	210-240	8-16	30	30	22	7,0	1,7
PD-300/12-R-F	250-300	8-16	30	30	22	6,0	1,8

Type	Conn. profile flange		G	X	F	Loads kN	Weight
	A	B	mm	mm	mm	F _y	kg
	mm	mm					
PD-160/16-R-F	130-160	8-19	30	30	30	14,0	2,3
PD-200/16-R-F	170-200	8-19	30	30	30	14,0	2,4
PD-240/16-R-F	200-240	8-19	30	30	30	13,0	2,5
PD-300/16-R-F	260-300	8-19	30	30	30	13,0	2,7

Type	Conn. profile flange		G	X	F	Loads kN	Weight
	A	B	mm	mm	mm	F _y	kg
	mm	mm					
PD-160/20-R-F	130-160	8-19	50	40	40	18,0	5,5
PD-200/20-R-F	170-200	8-19	50	40	40	18,0	5,7
PD-240/20-R-F	200-240	8-19	50	40	40	15,0	5,9
PD-300/20-R-F	200-300	8-19	50	40	40	15,0	6,3

* T = Pipe support width

Clamp system for pipe bearings Type PDH



Clamp system - type PDH

Profile clamp set with guide for pipe bearings

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

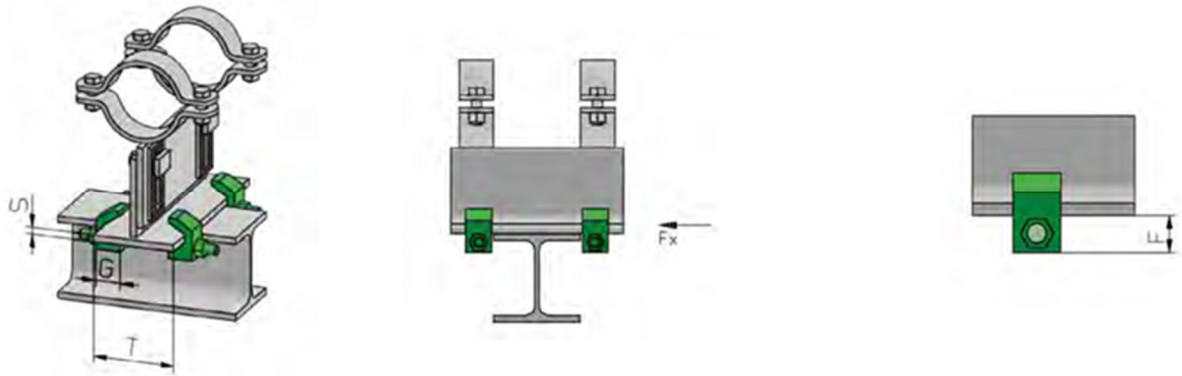
Torque M20 - 160 Nm

Connection profile 400-600 mm flange width, other profiles on request

Type	Conn. profile flange		G mm	X mm	F mm	Loads kN		Weight kg
	A mm	B mm				F _{y1}	F _{y2}	
PDH-400/20-R-F	400	30	100	50	50	18,0	2x9,0=18,0	18,0
PDH-500/20-R-F	500	30	100	50	50	14,5	2x9,0=18,0	20,5
PDH-550/20-R-F	550	50	100	50	50	13,2	2x9,0=18,0	21,7
PDH-600/20-R-F	600	50	100	50	50	12,1	2x9,0=18,0	22,9

* T = Pipe support width

**Clamp system for pipe bearings
Type PDX**



Clamp system - Type PDX for axial bumper

Profile clamp set with guide for pipe bearings, assembled with support

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M12 - 30 Nm; M16 - 90 Nm; M20 - 120 Nm

Connection profile 80 - 440 mm width pipe support, other profiles on request

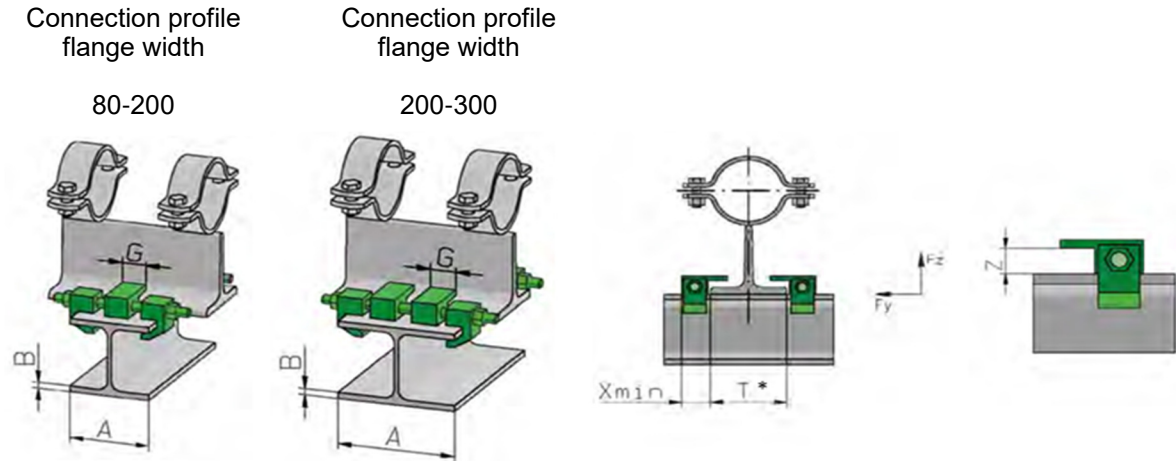
Type	Conn. profile flange		G mm	F mm	Loads kN F _x	Weight kg
	T mm	S mm				
PDX-120/12-R-F	80-120	8-16	30	22	10,0	1,4
PDX-160/12-R-F	130-160	8-16	30	22	9,0	1,5
PDX-200/12-R-F	170-200	8-16	30	22	8,0	1,6
PDX-240/12-R-F	210-240	8-16	30	22	7,0	1,7
PDX-300/12-R-F	250-300	8-16	30	22	6,0	1,8

Type	Conn. profile flange		G mm	F mm	Loads kN F _x	Weight kg
	T mm	S mm				
PDX-160/16-R-F	130-160	8-19	30	30	14,0	2,3
PDX-200/16-R-F	170-200	8-19	30	30	14,0	2,4
PDX-240/16-R-F	200-240	8-19	30	30	13,0	2,5
PDX-300/16-R-F	260-300	8-19	30	30	13,0	2,7

Type	Conn. profile flange		G mm	F mm	Loads kN F _x	Weight kg
	T mm	S mm				
PDX-160/20-R-F	130-160	8-19	50	40	18,0	5,5
PDX-200/20-R-F	170-200	8-19	50	40	18,0	5,7
PDX-240/20-R-F	200-240	8-19	50	40	15,0	5,9
PDX-300/20-R-F	200-300	8-19	50	40	15,0	6,3
PDX-440/20-R-F	300-440	8-19	50	40	12,0	7,1

* T = Pipe support width

Clamp system for pipe bearings Type PKA



Clamp system - type PKA

Profile clamp set with lift-off prevention for pipe bearings

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M12 - 30 Nm; M16 - 90 Nm; M20 - 120 Nm

Connection profile 80 - 300 mm flange width, other profiles on request

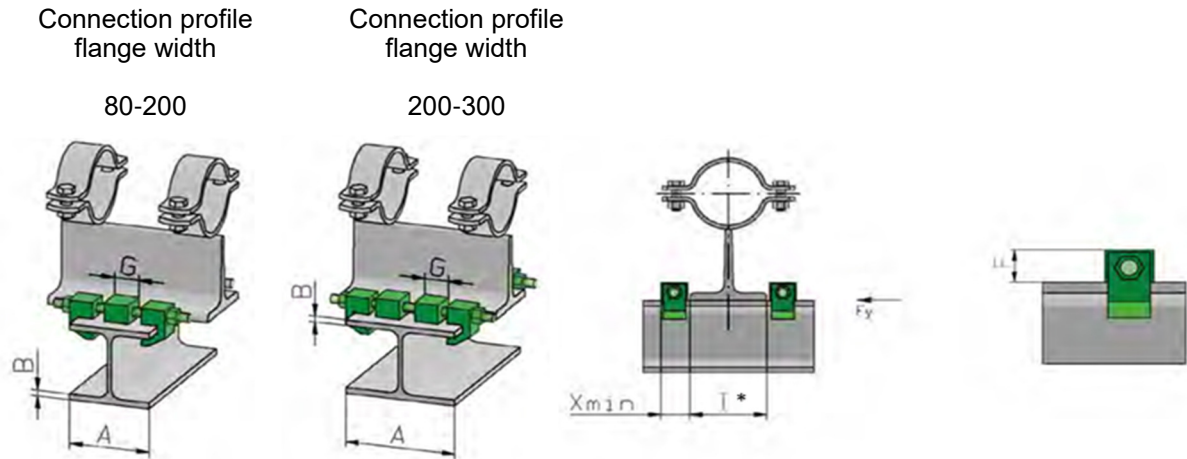
Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		Weight kg
	A mm	B mm				F _z	F _y	
PKA-080/12-R-F	80	8-16	30	35	17	7,0	12,0	1,9
PKA-120/12-R-F	100-120	8-16	60	35	17	6,0	10,0	2,3
PKA-160/12-R-F	130-160	8-16	60	35	17	5,0	9,0	2,4
PKA-200/12-R-F	170-200	8-16	60	35	17	5,0	8,0	2,5

Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		Weight kg
	A mm	B mm				F _z	F _y	
PKA-160/16-R-F	130-160	8-19	60	40	17	9,0	11,0	3,7
PKA-200/16-R-F	170-200	8-19	60	40	17	9,0	11,0	3,8
PKA-240/16-R-F	200-240	8-19	60	40	17	10,0	13,0	5,3
PKA-300/16-R-F	260-300	8-19	60	40	17	10,0	13,0	5,5

Type	Conn. profile flange		G mm	X mm	Z mm	Loads kN		Weight kg
	A mm	B mm				F _z	F _y	
PKA-160/20-R-F	130-160	8-19	60	50	17	12,0	10,0	7,9
PKA-200/20-R-F	170-200	8-19	60	50	17	12,0	10,0	8,1
PKA-240/20-R-F	200-240	8-19	60	50	17	20,0	15,0	10,7
PKA-300/20-R-F	260-300	8-19	60	50	17	20,0	15,0	11,1

* T = Pipe support width

Clamp system for pipe bearings Type PKF



Clamp system - type PKF

Profile clamp set with guide for pipe bearings							
Material/Execution	S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection						
Torque	M12 - 30 Nm, M16 - 90 Nm, M20 - 120 Nm						
Connection profile	80 - 300 mm flange width, other profiles on request						

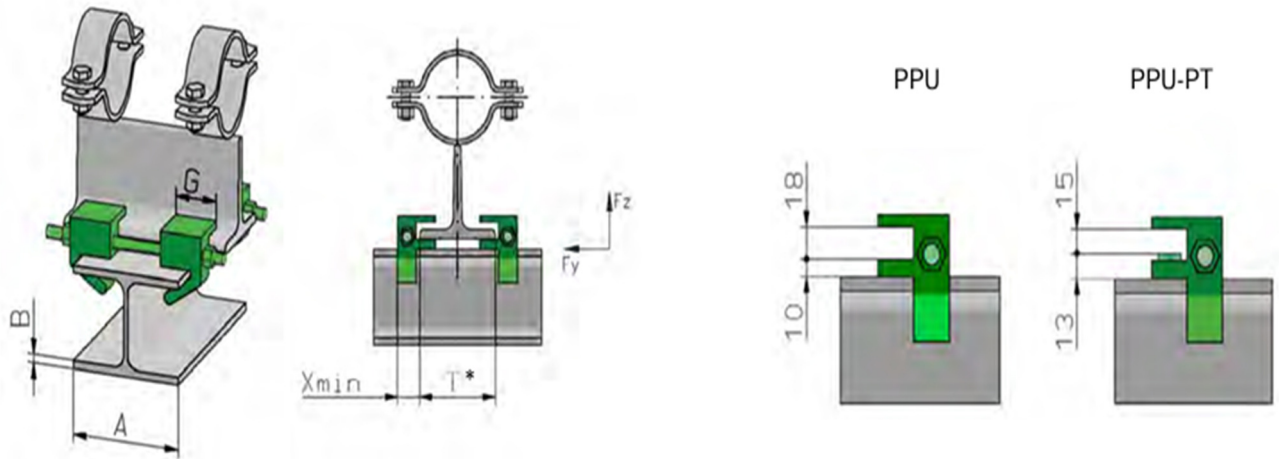
Type	Conn. profile flange		F mm	G mm	X mm	Loads kN F _y	Weight kg
	A mm	B mm					
PKF-080/12-R-F	80	8-16	25	30	35	12,0	1,9
PKF-120/12-R-F	100-120	8-16	25	60	35	10,0	2,3
PKF-160/12-R-F	130-160	8-16	25	60	35	9,0	2,4
PKF-200/12-R-F	170-200	8-16	25	60	35	8,0	2,5

Type	Conn. profile flange		F mm	G mm	X mm	Loads kN F _y	Weight kg
	A mm	B mm					
PKF-160/16-R-F	130-160	8-19	40	60	40	14,0	3,9
PKF-200/16-R-F	170-200	8-19	40	60	40	14,0	4,0
PKF-240/16-R-F	200-240	8-19	40	60	40	13,0	5,7
PKF-300/16-R-F	260-300	8-19	40	60	40	13,0	5,9

Type	Conn. profile flange		F mm	G mm	X mm	Loads kN F _y	Weight kg
	A mm	B mm					
PKF-160/20-R-F	130-160	8-19	50	60	50	18,0	7,9
PKF-200/20-R-F	170-200	8-19	50	60	50	18,0	8,1
PKF-240/20-R-F	200-240	8-19	50	60	50	15,0	10,3
PKF-300/20-R-F	260-300	8-19	50	60	50	15,0	10,7

* T = Pipe support width

**Clamp system for pipe bearings
Type PPU og PPU-PT**



Clamp system - type PPU

Profile clamp set with lift-off prevention for pipe bearings, bottom ventilation	
Material/Execution	S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection
Torque	M12 - 30 Nm
Connection profile	85 - 300 mm flange width, other profiles on request

Type	Conn. profile flange		G mm	X mm	Loads kN		Weight kg
	A mm	B mm			F _z	F _y	
PPU-120/12-R-F	85-120	8-20	50	26	22,0	10,0	2,8
PPU-160/12-R-F	130-160	8-20	50	26	19,0	9,0	2,9
PPU-200/12-R-F	170-200	8-20	50	26	18,0	8,0	3,1
PPU-240/12-R-F	210-240	8-20	50	26	15,0	7,0	3,1
PPU-300/12-R-F	250-300	8-20	50	26	13,0	6,0	3,2

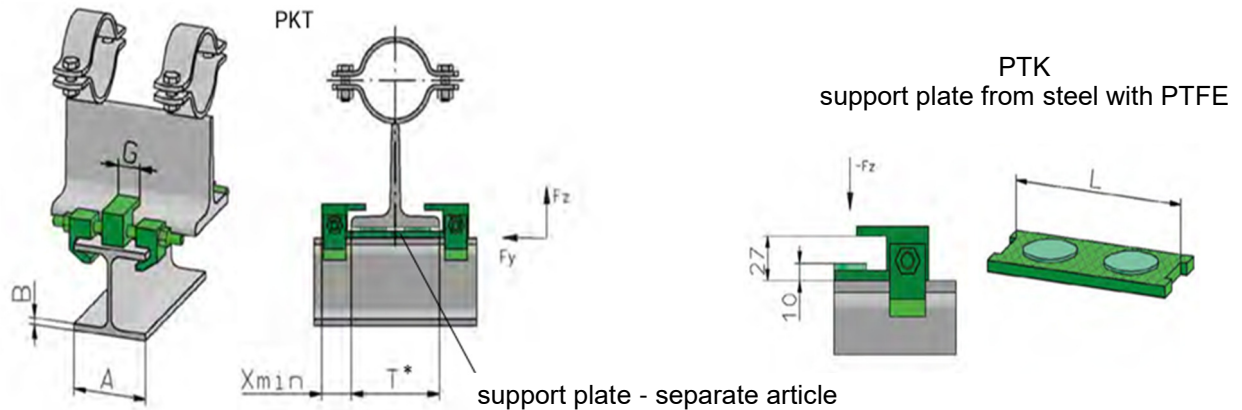
Clamp system - type PPU-PT

Profile clamp set with lift-off prevention for pipe bearings, bottom ventilation, PTFE-support plate (-35°C to +80°C)	
Material/Execution	S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection
Torque	M12 - 30 Nm
Connection profile	85 - 300 mm flange width, other profiles on request

Type	Conn. profile flange		G mm	X mm	Loads kN		Weight kg
	A mm	B mm			F _z	F _y	
PPU-PT-120/12-R-F	85-120	8-20	50	26	22,0	10,0	2,8
PPU-PT-160/12-R-F	130-160	8-20	50	26	19,0	9,0	2,9
PPU-PT-200/12-R-F	170-200	8-20	50	26	18,0	8,0	3,1

* T = Pipe support width

Clamp system for pipe bearings Type PKT



Clamp system - type PKT

Profile clamp set with lift-off prevention for pipe bearings with support plate (support plate separate)	
Material/Execution	S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection
Torque	M12 - 30 Nm
Connection profile	100-200 mm flange width, other profiles on request

Type	Conn. profile flange		G mm	X mm	Loads kN		Weight kg
	A mm	B mm			F _z	F _y	
PKT-120/12-R-F	100-120	8-16	30	40	3,0	10,0	2,0
PKT-160/12-R-F	130-160	8-16	30	40	2,5	9,0	2,1
PKT-200/12-R-F	170-200	8-16	30	40	2,5	8,0	2,2

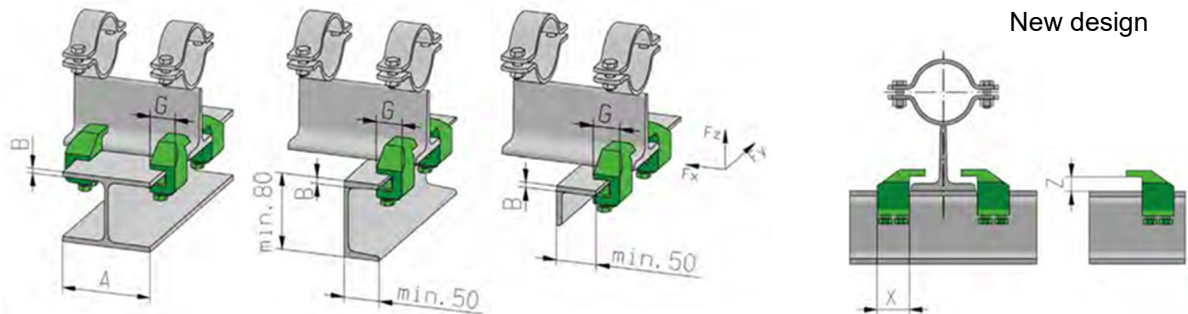
Support plate - type PTK for clamp system type PKT

Support plate	
Material/Execution	PTK from S235 or similar with PTFE embedded
Operational temperatures	PTFE -35°C til +80°C
Connection profile	60 - 300 mm width pipe support, other profiles on request

Type PTK from steel with PTFE	L mm	T* mm	Loads kN -F _z bearing	Weight kg
PTK-060-R-F	70	60	12,0	0,3
PTK-080-R-F	90	80	12,0	0,4
PTK-100-R-F	110	100	12,0	0,5
PTK-120-R-F	130	120	25,0	0,6
PTK-140-R-F	150	140	25,0	0,7
PTK-160-R-F	170	160	25,0	0,8
PTK-200-R-F	210	200	25,0	1,0
PTK-220-R-F	230	220	35,0	1,1
PTK-240-R-F	250	240	35,0	1,2
PTK-260-R-F	270	260	35,0	1,3
PTK-280-R-F	290	280	35,0	1,4
PTK-300-R-F	310	300	35,0	1,5

* T = Pipe support width

Clamp system for pipe bearings Type PKAH



Clamp system - type PKAH

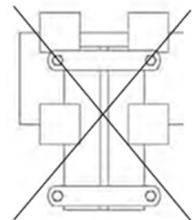
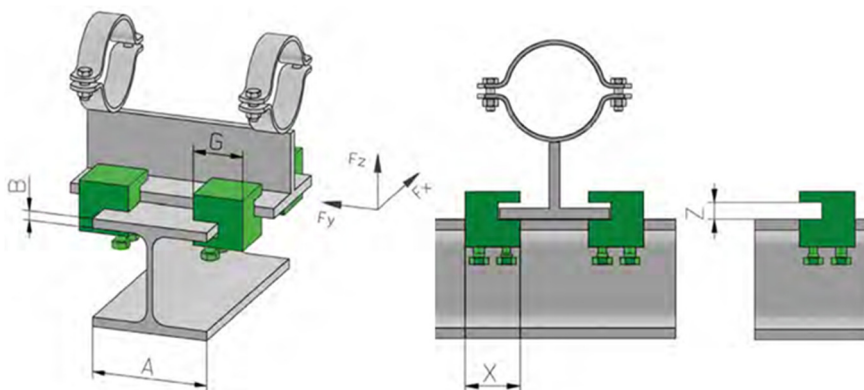
Profile clamp for pipe shoes (guide and lift-off prevention)

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M12 - 25 Nm

Connection profile 80 - 300 mm flange width H-beam, angle and channel profile min. 50 mm

Profile	Type	Conn. profile flange		Set includes	G mm	X mm	Z mm	Loads kN			Weight kg
		A mm	B mm					F _x	F _y	F _z	
H I	PKAH-12x040-4-R-F	80-300	5-20	4 pcs.	40	50	22,5	-	6,8	20,0	4,0
U C	PKAH-12x040-4-R-F	80-300	5-20	4 pcs.	40	50	22,5	-	3,4	10,0	4,0
L W	PKAH-12x040-4-R-F	80-300	5-20	4 pcs.	40	50	22,5	-	3,4	10,0	4,0



Also for clamping system PKFP-12 valid.
Loads apply only for complete set

Clamp system - type PKAH for special use

Profile clamp for pipe shoes (guide and lift-off prevention)

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M20 - 100 Nm

Profile connection 120 - 600 mm flange width H-beam

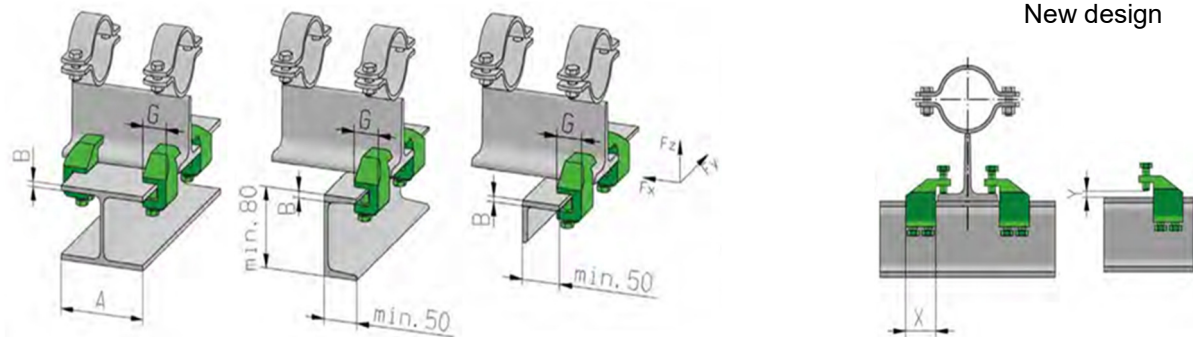
Profile	Type	Conn. profile flange		Set includes	G mm	X mm	Z mm	Loads kN			Weight kg
		A mm	B mm					F _x	F _y	F _z	
H I	PKAH-20-4-R-F	120-300	5-28	4 pcs.	100	100	30	-	50,0	80,0	23,6
H I	PKAH-20-4/50-R-F	300-600	30-50	4 pcs.	100	100	30	-	50,0	80,0	29,2

* T = Pipe support width

Attention! Take care of the deformation of angle and channel profiles

Note: Pipe support must rest against both ends of the beam

Clamp system for pipe bearings Type PKFP



Clamp system - type PKFP

Profile clamp for pipe shoes (anchor function / fixed point)

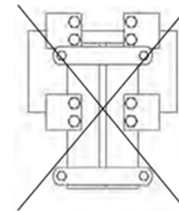
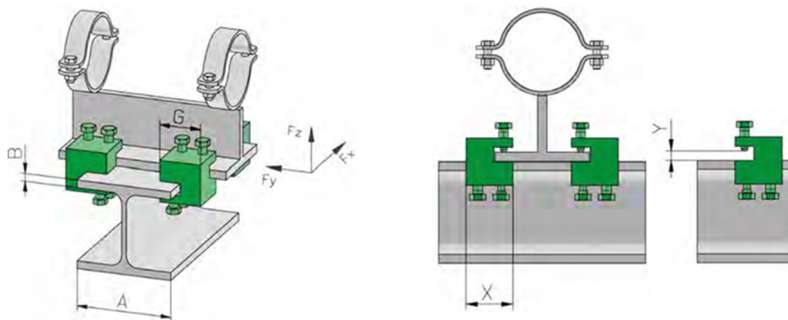
Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M12 - 25 Nm

Profile connection 80 - 300 mm flange width H-beam, angle and channel profile min. 50 mm

Profile	Type	Conn. profile flange		Set includes	G mm	X mm	Y mm	Loads kN		Weight kg
		A mm	B mm					F _h *	F _z	
H I	PKFP-12x040-4-R-F	80-300	5-20	4 stk.	40	50	5-20	13,6	20,0	4,4
U C	PKFP-12x040-4-R-F	80-300	5-20	4 stk.	40	50	5-20	6,8	10,0	4,4
L W	PKAH-12x040-4-R-F	80-300	5-20	4 stk.	40	50	5-20	6,8	10,0	4,4

* Horizontal force: $F_h = \sqrt{F_x^2 + F_y^2}$



Also for clamping system PKFP-12 valid.
Loads apply only for complete set

Clamp system - type PKFP for special use

Profile clamp for pipe shoes (anchor function / fixed point)

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M20 - 100 Nm

Connection profile 120 - 600 mm flange width H-beam

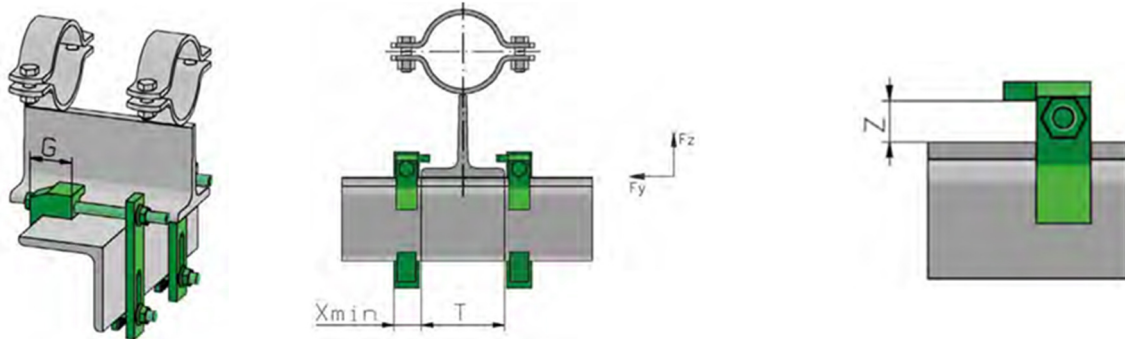
Profile	Type	Conn. profile flange		Set includes	G mm	X mm	Y mm	Loads kN		Weight kg
		A mm	B mm					F _h *	F _z	
H I	PKFP-20-4-R-F	120-300	5-28	4 stk.	100	100	5-28	100,0	80,0	24,8
H I	PKFP-20-4/50-R-F	300-600	30-50	4 stk.	100	100	5-28	100,0	80,0	30,4

* Horizontal force: $F_h = \sqrt{F_x^2 + F_y^2}$

Attention! Take care of the deformation of angle and channel profiles

Note: Pipe support must rest against both ends of the beam

Clamp system for pipe bearings Type PDA-W og PDA-UM



Clamp system - type PDA-W

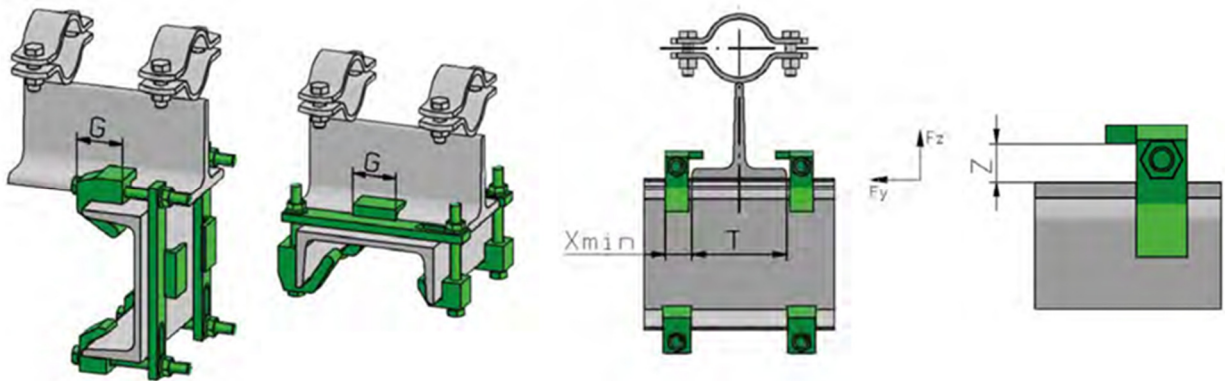
Profile clamp set with lift-off prevention for pipe bearings

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M12 - 30 Nm

Connection profile L60 x 60, L80 x 80, L100 x 100

Type	Connection profile mm	G mm	X mm	Z mm	Loads kN		Weight kg
					F _z	F _y	
PDA-W-R-F	L60 x 60, L80 x 80, L100 x 100	50	25	18	6,0	5,0	1,9



Clamp system - type PDA-UM

Profile clamp set with lift-off prevention for pipe bearings

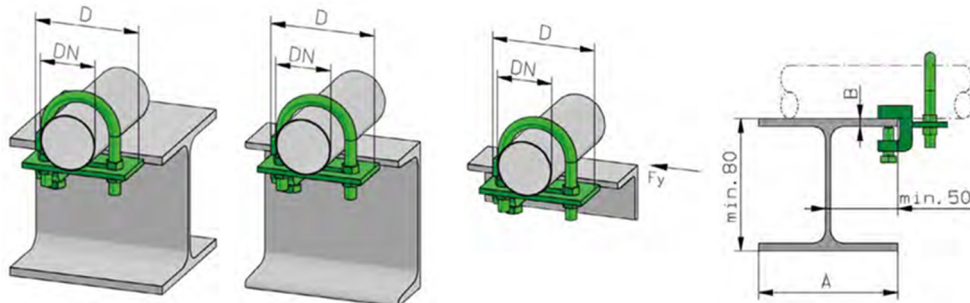
Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection

Torque M12 - 30 Nm

Connection profile U80 - U300

Type	Connection profile mm	G mm	X mm	Z mm	Loads kN		Weight kg
					F _z	F _y	
PDA-UM120-R-F	U080, U100, U120	50	25	18	6,0	5,0	2,7
PDA-UM180-R-F	U140, U160, U180	50	25	18	6,0	5,0	3,0
PDA-UM240-R-F	U200, U220, U240	50	25	18	6,0	5,0	3,4
PDA-UM300-R-F	U260, U280, U300	50	25	18	6,0	5,0	3,7

**Clamp system for pipe bearings
Type PK-RSBG -1 and PK-RSBG -2**



Clamp system with U-bolt - type PK-RSBG - 1

DN 15 - DN 50

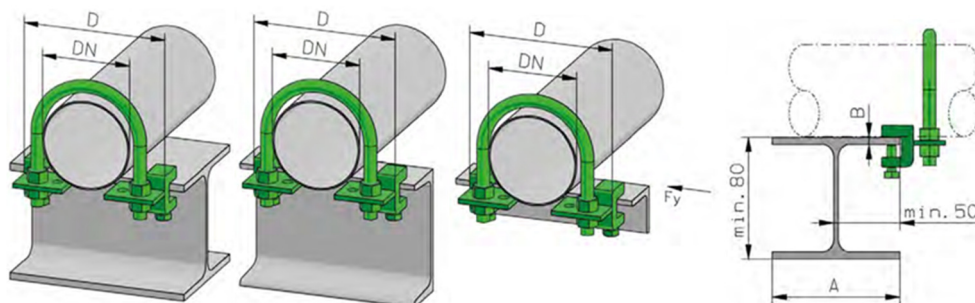
U-bolt supports for non-insulated pipes, can be used as a fixed and floating bearing

Material/Execution S235, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection and U-bolt (available in AISI316)

Torque clamp M12 - 20 Nm

Connection profile 80 - 300 mm flange width H-beam, angle and channel profile min. 50 mm (note deformation)

Type fixed point	DN	Conn. profile flange		D mm	Loads kN F_y	Weight kg
		A mm	B mm			
PK-RSBG-022-1-R-F	15	80-300	5-20	115	3,0	0,67
PK-RSBG-027-1-R-F	20	80-300	5-20	115	3,0	0,68
PK-RSBG-034-1-R-F	25	80-300	5-20	115	3,0	0,69
PK-RSBG-043-1-R-F	32	80-300	5-20	115	3,0	0,70
PK-RSBG-049-1-R-F	40	80-300	5-20	115	3,0	0,71
PK-RSBG-061-1-R-F	50	80-300	5-20	115	3,0	0,82



Clamp system with U-bolt - type PK-RSBG - 2

DN 50 - DN 150

U-bolt supports for non-insulated pipes, can be used as a fixed and floating bearing

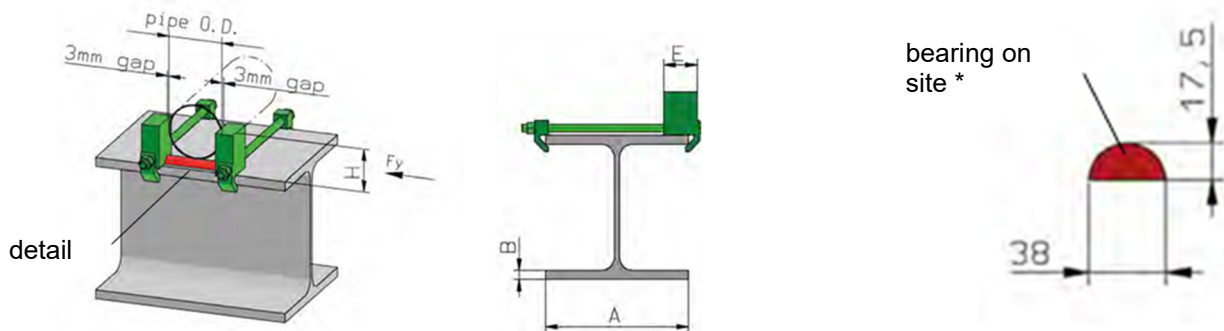
Material/Execution S235, threaded parts 8.8/8, hot-dip galvanized, incl. screw connection and U-bolt (available in AISI 316)

Torque clamp M12 - 20 Nm

Connection profile 80 - 300 mm flange width H-beam, angle and channel profile min. 50 mm (note deformation)

Type fixed point	DN	Conn. profile flange		D mm	Loads kN F_y	Weight kg
		A mm	B mm			
PK-RSBG-061-2-R-F	50	80-300	5-20	176	8,0	1,12
PK-RSBG-077-2-R-F	65	80-300	5-20	194	8,0	1,15
PK-RSBG-089-2-R-F	80	80-300	5-20	206	8,0	1,18
PK-RSBG-115-2-R-F	100	80-300	5-20	186	8,0	1,55
PK-RSBG-140-2-R-F	125	80-300	5-20	214	8,0	1,62
PK-RSBG-169-2-R-F	150	80-300	5-20	242	8,0	1,71

**Clamp system for pipe bearings
Type PKFF**



Guide - type PKFF

DN 15 - DN 125

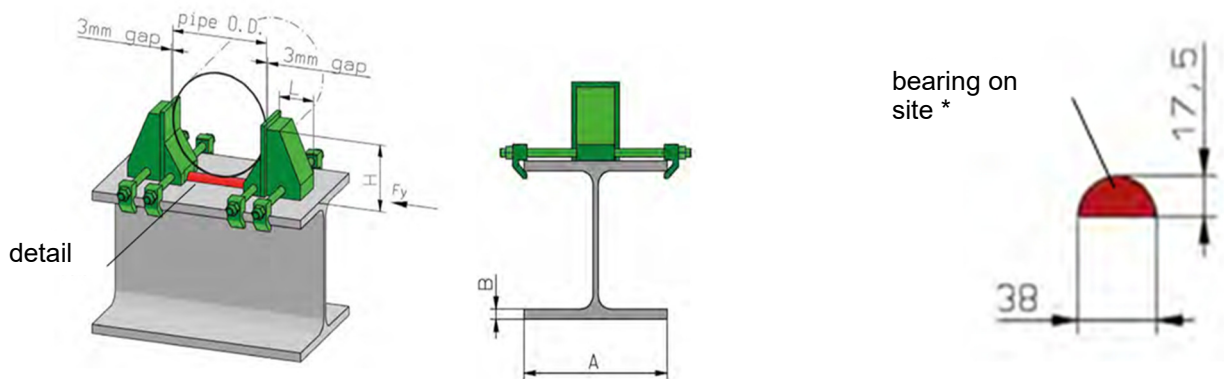
Guide for bare pipe, clamped

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized incl. screw connection

Torque M16 - 90 Nm

Connection profile 80-300 mm flange width, other profiles on request

Type	Conn. profile flange		Pipediameter	H	E	Bearing	Thread	Loads kN	Weight
	A	B	mm	mm	mm	length	mm	F _y	kg
	mm	mm				mm			
PKFF-300/16-H090-R-F	100-300	8-19	22-140	90	70	OD + 22	M16	5,0	3,5



Guide - type PKFF

DN 150 - DN 500

Guide for bare pipe, clamped

Material/Execution S235 or similar, threaded parts 8.8/8, hot-dip galvanized incl. screw connection

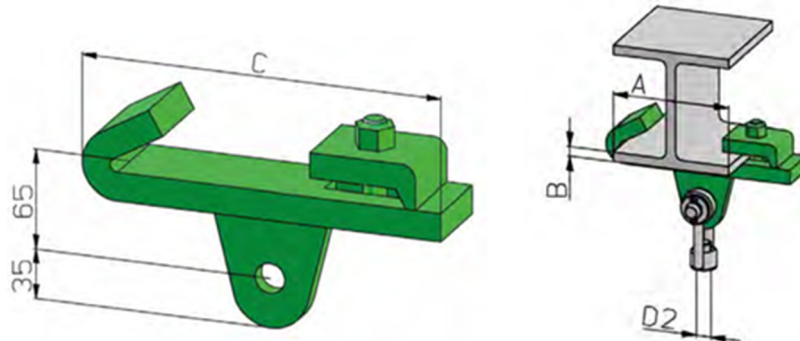
Torque M16 - 90 Nm, M20 - 120 Nm

Connection profile 140-300 mm flange width, other profiles on request

Type	Conn. profile flange		Pipediameter	H	E	Bearing	Thread	Loads kN	Weight
	A	B	mm	mm	mm	length	mm	F _y	kg
	mm	mm				mm			
PKFF-300/16-H150-R-F	140-300	8-19	169-273	150	80	OD + 58	M16	20,0	11,0
PKFF-300/20-H300-R-F	140-300	8-19	324-508	300	150	OD + 70	M20	30,0	22,9

* Note! Bearing is clamped - not included in delivery

Clamp system for pipe bearings Type PAH



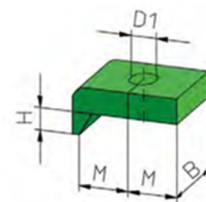
Beam hangers - type PAH standard range

Material/Execution	S235 or similar, hot-dip galvanized, complete with clamp plate and hot-dip galvanized bolt
Torque	M16 - 90 Nm, required preload on clamping plate
Connection profile	100-300 mm flange width, other profiles on request

Type	Conn. profile flange		thread D2 mm	C mm	Loads kN	Weight kg
	A mm	B mm				
PAH-120/12-R-F	100-120	8-11	M12	215	4,7	3,50
PAH-120/16-R-F	100-120	8-11	M16	215	8,8	3,45
PAH-120/20-R-F	100-120	8-11	M20	215	13,8	3,40
PAH-160/12-R-F	130-160	8-13	M12	250	4,7	4,10
PAH-160/16-R-F	130-160	8-13	M16	250	8,8	4,05
PAH-160/20-R-F	130-160	8-13	M20	250	13,8	4,00
PAH-200/12-R-F	170-200	10-16	M12	290	4,7	4,40
PAH-200/16-R-F	170-200	10-16	M16	290	8,8	4,35
PAH-200/20-R-F	170-200	10-16	M20	290	13,8	4,30
PAH-240/12-R-F	210-240	11-19	M12	340	4,7	5,20
PAH-240/16-R-F	210-240	11-19	M16	340	8,8	5,15
PAH-240/20-R-F	210-240	11-19	M20	340	13,8	5,10
PAH-300/12-R-F	260-300	12-19	M12	400	4,7	5,85
PAH-300/16-R-F	260-300	12-19	M16	400	8,8	5,80
PAH-300/20-R-F	260-300	12-19	M20	400	13,8	5,75

Clampplates - type KP

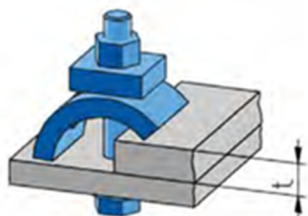
Material/Execution	S235 or similar, hot-dip galvanized, similar to former DIN 3568
Note!	Other dimension on request



Type	B mm	D1 mm	H mm	M mm	Weight kg
KP-50*07-R-F	50	14	7	23	0,22
KP-50*09-R-F	50	14	9	23	0,23
KP-60*10-R-F	60	18	10	35	0,57
KP-60*12-R-F	60	18	12	35	0,58
KP-60*14-R-F	60	18	14	35	0,59
KP-60*16-R-F	60	18	16	35	0,60
KP-60*18-R-F	60	18	18	35	0,61
KP-60*20-R-F	60	18	20	35	0,63

Clamp system for pipe bearings
Type STB-AS / STL-AS / STL-ASD

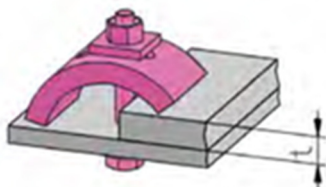
STB-AS



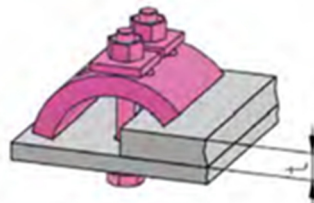
Connecting kit - type STB-AS

Material/Execution	S355 or similar, hot-dip galvanized				
Torque	120 Nm				
Type	Set includes	Clamping range (t) mm	Thread	Loads kN	Weight kg
STB-AS-F	4 pcs.	8-30	M16	10,0	3,7
D-STB-AS/19-45-F	4 pcs.	19-45	M16	10,0	4,2
STB-AS/15-60-F	4 pcs.	15-60	M16	8,0	5,5

STL-AS



STL-ASD



Connecting kit - type STL-AS / STL-ASD

Material/Execution	S355 or similar, hot-dip galvanized				
Torque	80 Nm				
Type	Set includes	Clamping range (t) mm	Thread	Loads kN	Weight kg
STL-AS-F	4 pcs.	8-20	M12	5,0	2,0
STL-AS/19-45-F	4 pcs.	19-45	M12	5,0	2,5
D-STL-AS/30-60-F	4 pcs.	30-60	M12	4,0	3,4
STL-ASD-F	2 pcs.	8-20	M12	6,0	1,9
D-STL-ASD/30-60-F	2 pcs.	30-60	M12	6,0	2,6

Clamp system for pipe bearings

Bernecker clamp systems have been designed to cover the range of commercially available beam sections. Dimensions can be found on the individual catalogue pages. The maximum permitted loads in kN given in the catalogue (F_x , F_y , F_z) are for standard load cases for our clamp systems (max. 80°C). It must be ensured that the assembly is carried out with the specified preload forces and that it is used as intended (see information on the catalogue page).

Our standardized clamping systems offer the user a number of significant technical and economic advantages for pipe fastenings.

Fixed points, slide and guide bearings as well as roller bearings are attached to the beam without welding.

Of course, we also offer special supports for special problem solutions.

General remark

The material grades S235 and S355 are in accordance with DIN EN 10025-2.

The screw strenght class 8.8 is according to DIN EN ISO 898-1.

Hot-dip galvanizing standard is according to IN EN ISO 1461 or ASTM 123.

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