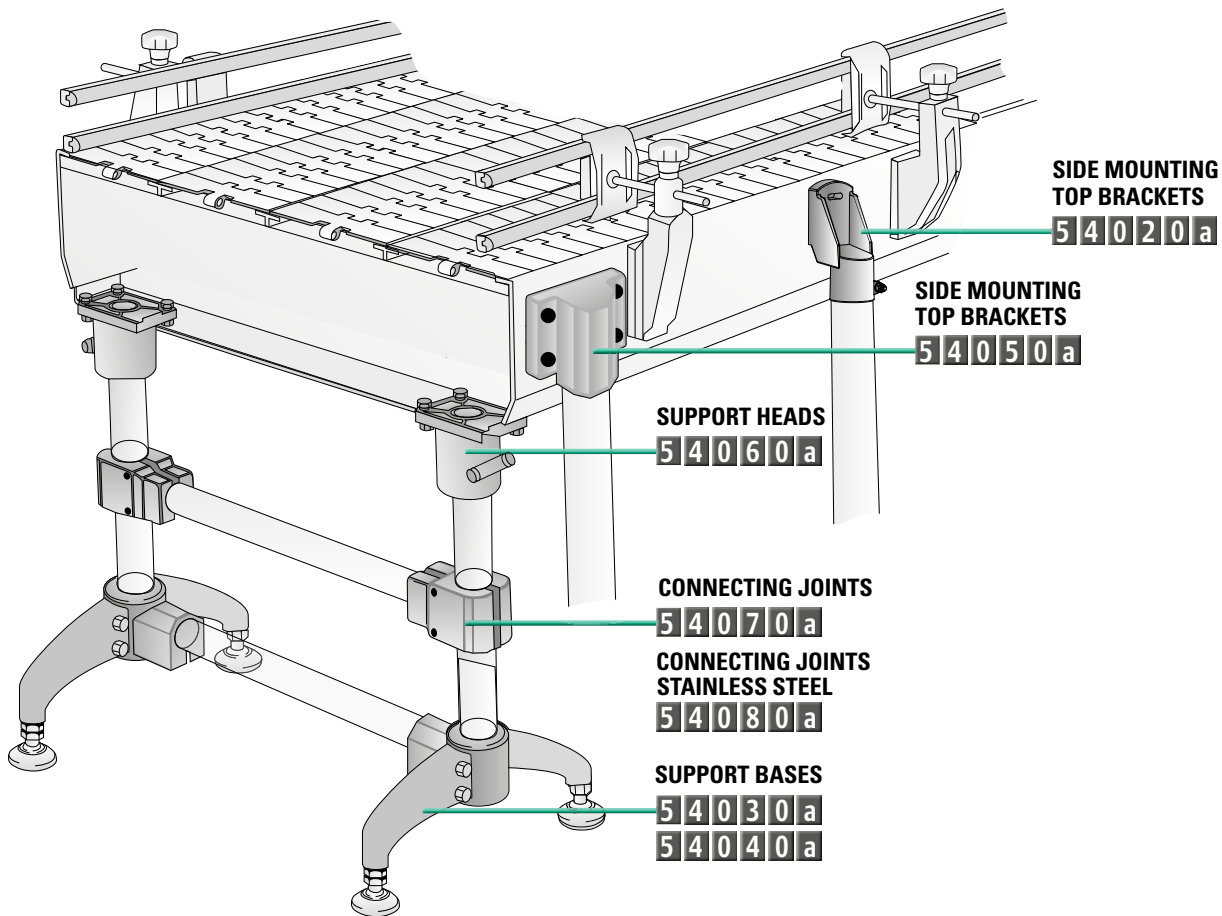


Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

5 4 0 1 0 a

FRAME & STRUCTURE SUPPORTS INDEX

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Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



Material: reinforced polyamide. Screw, nut and washers in stainless steel AISI 304

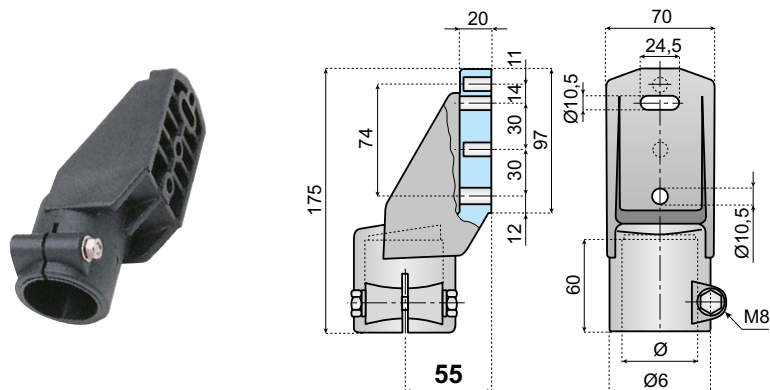
Note: the bracket can be inclined by 5° in both directions when using the lower hole and the upper slot hole.

There are two optional holes that can easily be opened by removing the thin membrane.

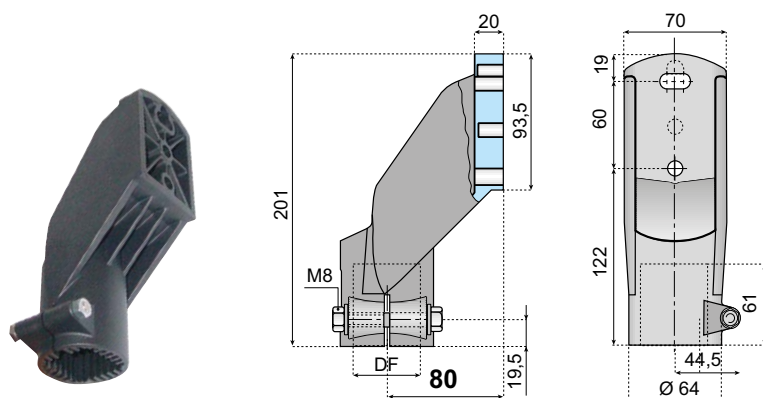
In this way the centre distance of the holes can be:

- Enlarged to 70 mm or
- Reduced to 30 mm

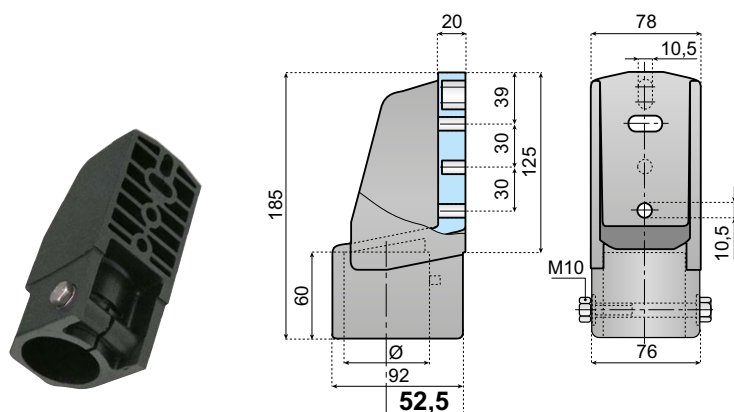
Then it is also possible to use an incline of 10° in both directions



MATERIAL	TUBE Ø 48.3	
	ITEM DESCRIPTION	
PA-FG BLACK	VG-3050-R150	25



MATERIAL	DF - TUBE Ø		DF - TUBE ∇	
	48.3	50.9	40X40	
	ITEM DESCRIPTION			
PA-FG BLACK	VG-3050E-R150	VG-3050E-R200T	VG-3050E-S40M	25



MATERIAL	TUBE Ø 60.3	
	ITEM DESCRIPTION	
PA-FG BLACK	VG-3050-R200	25

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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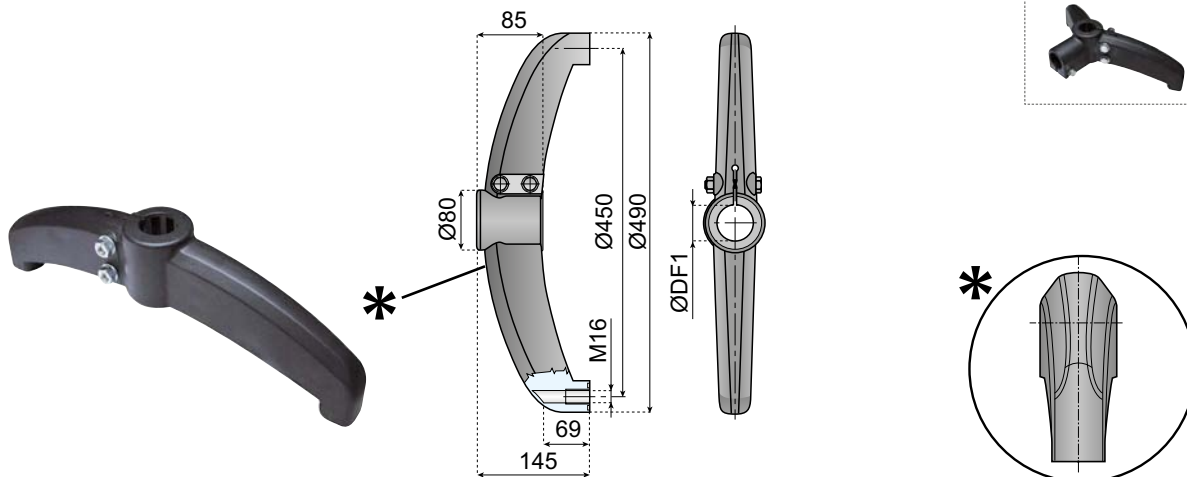
5 4 0 3 0 a

SUPPORT BASES

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Features: Increased stability. Self cleaning design for all support bases in this page

Material: Reinforced polyamide threaded bushings and spacers in nickel plated brass.



See bipods with joint:

5 4 0 3 0 b

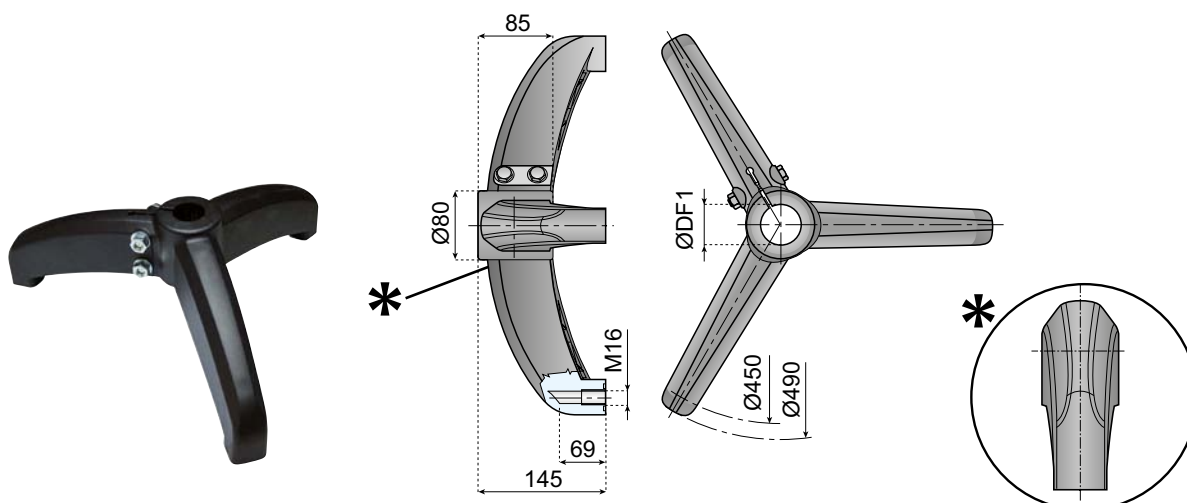
BIPODS

Zn: Zinc Plated Steel

SS AISI 304:

Stainless steel

PA-FG BLACK	FASTENERS	ITEM DESCRIPTION				15
	Zn	VG-BP-R125-BM16-G	VG-BP-R150-BM16-G	-	VG-BP-R200-BM16-G	
	SS AISI 304	VG-BP-R125-BM16-S	VG-BP-R150-BM16-S	VG-BP-R200T-BM16-S	VG-BP-R200-BM16-S	



TRIPODS

Zn: Zinc Plated Steel

SS AISI 304:

Stainless steel

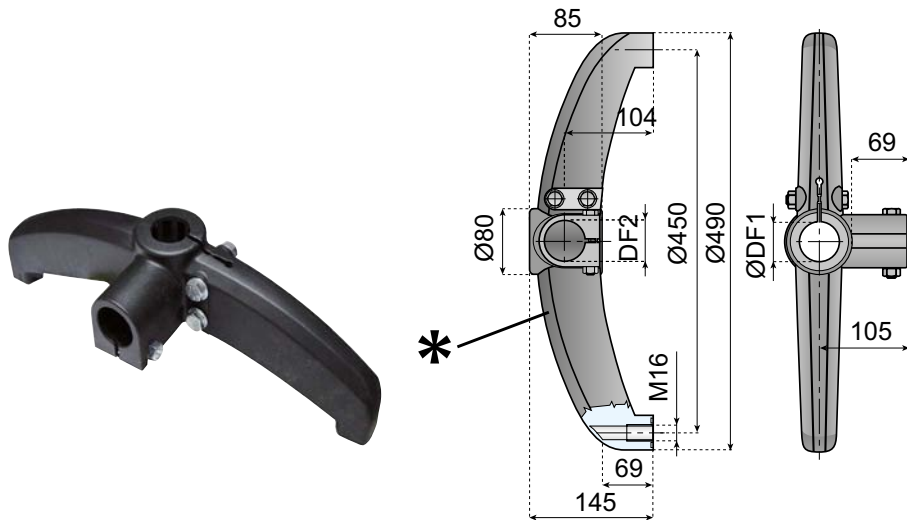
Zn: Zinc Plated Steel SS AISI 304: Stainless steel		TUBE Ø - DF1				
		42,4 (1 ¼")	48,3 (1 ½")	50,9 -	60,3 (2")	
		ITEM DESCRIPTION				
PA-FG BLACK	FASTENERS					15
	Zn	VG-TP-R125-BM16-G	VG-TP-R150-BM16-G	VG-TP-R200T-BM16-G	VG-TP-R200-BM16-G	
	SS AISI 304	VG-TP-R125-BM16-S	VG-TP-R150-BM16-S	VG-TP-R200T-BM16-S	VG-TP-R200-BM16-S	

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

54030b

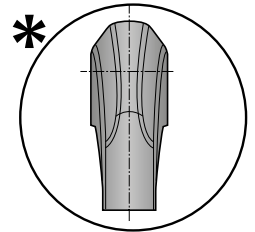
SUPPORT BASES

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See bipods
& tripods:

54030a

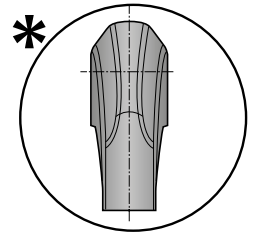
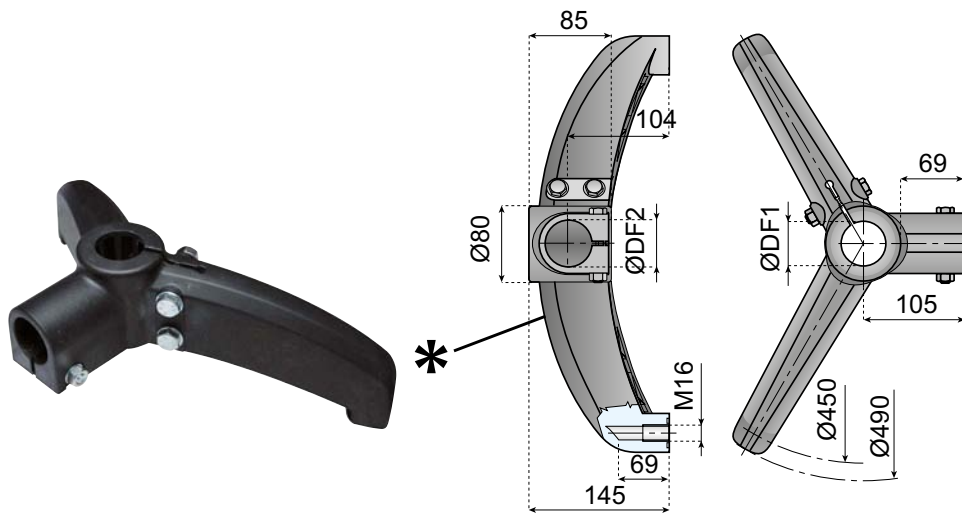


Zn: Zinc Plated Steel

SS AISI 304: Stainless steel

BIPODS 180° WITH JOINT

PA-FG BLACK		TUBE Ø - DF1			
		48.3 (1 1/2")	50.9 -	60.3 (2")	
TUBE Ø DF2	FASTENERS	ITEM DESCRIPTION			15
42,4 (1 1/4")	Zn	VG-BPT-R150-R125-BM16-G	VG-BPT-R200T-R125-BM16-G	VG-BPT-R200-R125-BM16-G	
	SS AISI 304	VG-BPT-R150-R125-BM16-S	VG-BPT-R200T-R125-BM16-S	VG-BPT-R200-R125-BM16-S	
48,3 (1 1/2")	Zn	VG-BPT-R150-R150-BM16-G	-	-	
	SS AISI 304	VG-BPT-R150-R150-BM16-S	-	VG-BPT-R200-R150-BM16-S	



Zn: Zinc Plated Steel

SS AISI 304: Stainless steel

BIPODS 120° WITH JOINT

PA-FG BLACK		TUBE Ø - DF1			
		48.3 (1 1/2")	50.9 -	60.3 (2")	
TUBE Ø DF2	FASTENERS	ITEM DESCRIPTION			15
42,4 (1 1/4")	Zn	VG-BPV-R150-R125-BM16-G	-	-	
	SS AISI 304	VG-BPV-R150-R125-BM16-S	VG-BPV-R200T-R125-BM16-S	VG-BPV-R200-R125-BM16-S	
48,3 (1 1/2")	Zn	VG-BPV-R150-R150-BM16-G	-	-	
	SS AISI 304	VG-BPV-R150-R150-BM16-S	-	VG-BPV-R200-R150-BM16-S	

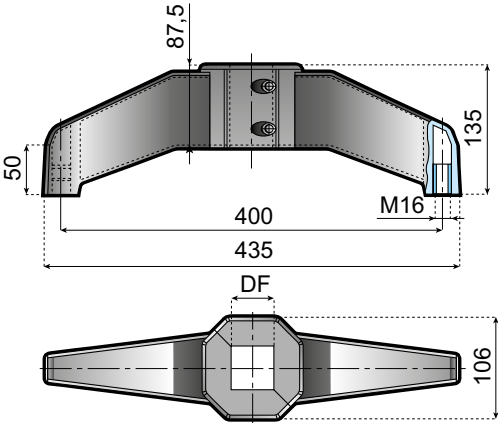
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



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SUPPORT BASES



Material: reinforced polyamide threaded bushings in nickel plated brass fasteners in stainless steel AISI 304.

PA-FG BLACK	TUBE ☑		
	45X45	50X50	
	ITEM DESCRIPTION		
	BPS-4020-S45M-BM16-S	BPS-4020-S50M-BM16-S	

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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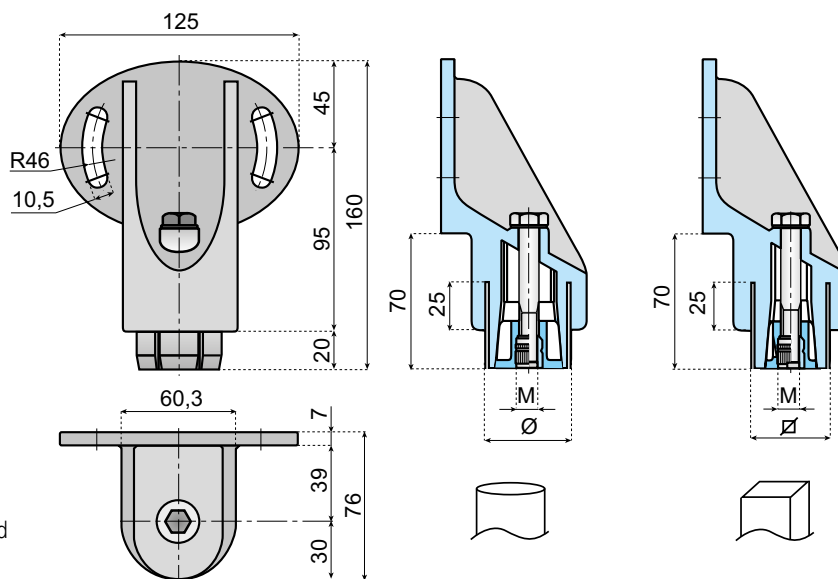
54050a

SIDE MOUNTING TOP BRACKETS

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Side mounting top bracket with expansion plug:
- for round Tubes Ø 48,3/50,9 x1.5 mm;
- for square Tubes 40x40x2 mm.



Components: external part in reinforced polyamide.
Conical insert in reinforced polyamide.
Threaded bushing in nickel plated brass.
Bolt and washer in stainless steel.

Note: max recommended tightening torque 2.5 Kgm.

Application: the bracket can be inclined by 30°.

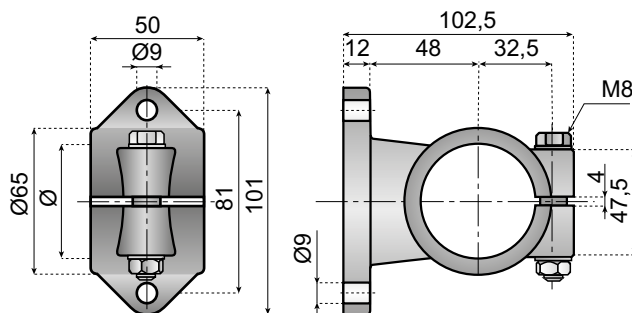


**PA-FG
BLACK**

M10

TUBE Ø		TUBE ▯	
48.3	50.9	40X40	
ITEM DESCRIPTION			
VG-3051-R150-NB	VG-3051-R200T-NB	VG-3051-S40M-NB	
			25

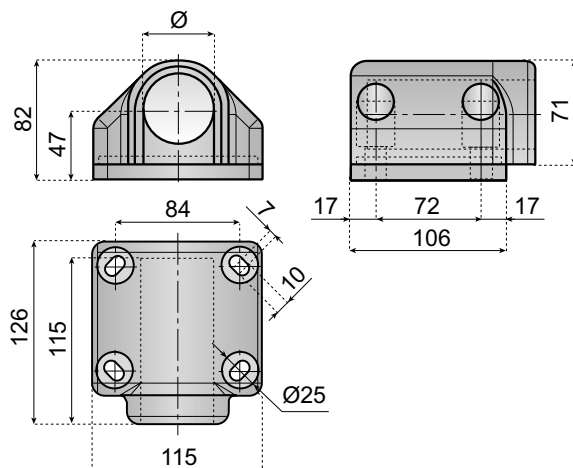
MOQ Min. order quantity: 300 pcs.



Material: reinforced polyamide, screws and nuts in stainless steel AISI 304.

Note: max. recommended tightening torque 1.5 Kgm.

PA-FG BLACK	TUBE Ø 48,3	
	ITEM DESCRIPTION	
	VG-3052-R150	25



PA-FG BLACK	TUBE Ø 48,3	
	ITEM DESCRIPTION	
	VG-3055-R150	25

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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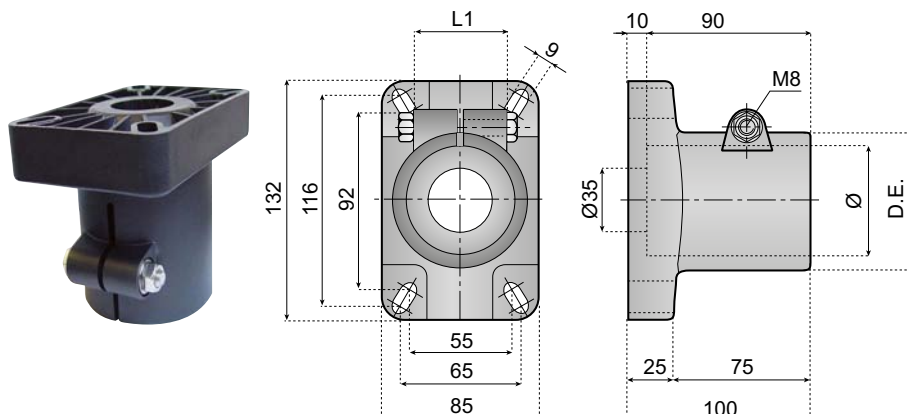
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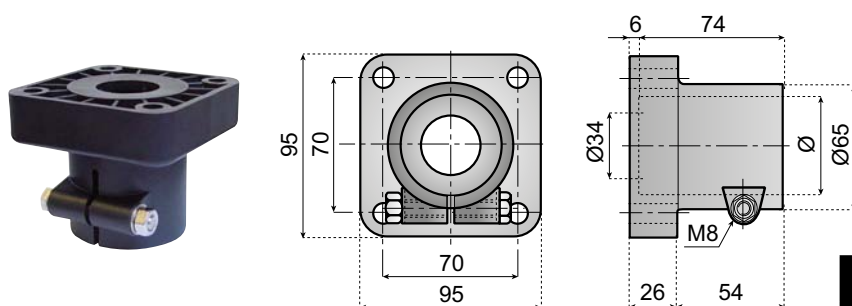
SUPPORT HEADS



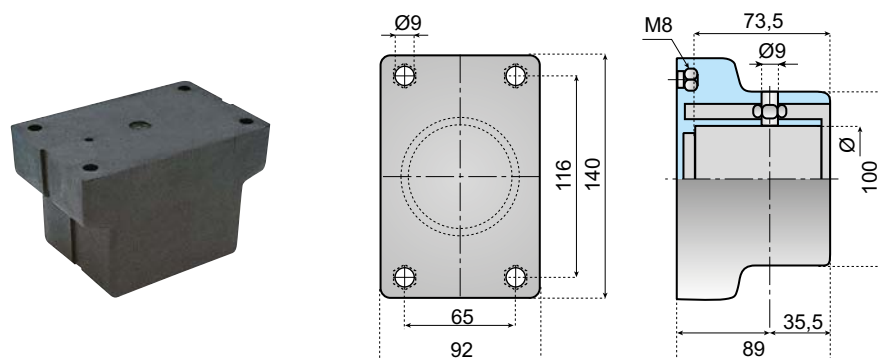
Material: reinforced polyamide; screw, nut and washers in stainless steel AISI 304.

Note: max. recommended tightening torque 2 Kgm.

			TUBE Ø				
			42,4	48,3	50,9	60,3	
PA-FG BLACK	D.E.	L1	ITEM DESCRIPTION				
	65	43	-	VG-3080-R150	-	-	
	65	43	-	-	VG-3080-R200T	-	
	76	43	-	-	-	VG-3080-R200	



PA-FG BLACK	TUBE Ø		
	48,3	50,9	
	ITEM DESCRIPTION		
	VG-3070-R150	VG-3070-R200T	



PA-FG BLACK	TUBE Ø		
	60,3		
	ITEM DESCRIPTION		
	VG-3087-R200		
			25

MOQ Min. order quantity: 300 pcs.

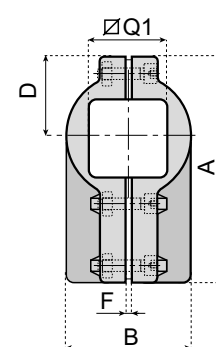
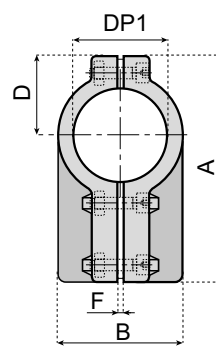
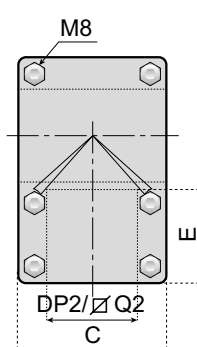
Material: polyamide, stainless steel bolts.

Note: max. recommended tightening torque 1.5 Kgm.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



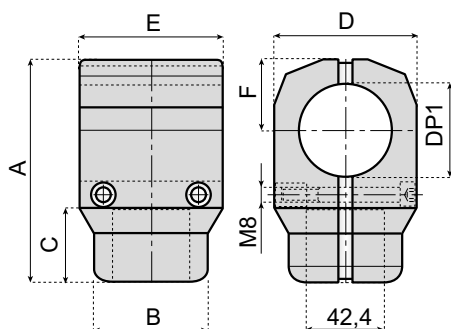
		DP1/Q1	A	B	C	D	E	F
PA-FG BLACK		42,4	134	68	86	45	60	3
		48,3	134	68	86	45	60	3
		50,9	146	80	98	51	60	3
		60,3	146	80	98	51	60	3
		40	134	68	86	45	60	3
		50	146	80	98	51	60	3



Material: reinforced polyamide, screws and nuts in stainless steel AISI 304.

Note: max. recommended tightening torque 1.5 Kgm.

		TUBE Ø				TUBE Ø		
		DP2				Q2		
DP1/Q1		42,4	48,3	50,9	60,3	40	50	
		ITEM DESCRIPTION						
	42,4	VG-3110-R125-R125	-	-	-	-	-	25
	48,3	VG-3110-R150-R125	VG-3110-R150-R150	-	-	-	-	
	50,9	VG-3110-R200T-R125	VG-3110-R200T-R150	VG-3110-R200T-R200T	-	-	-	
	60,3	VG-3110-R200-R125	VG-3110-R200-R150	VG-3110-R200-R200T	VG-3110-R200-R200	-	-	
	40	-	-	-	-	VG-3110-S40M-S40M	-	
	50	-	-	-	-	-	VG-3110-S50M-S50M	



	DP1	A	B	C	D	E	F	ITEM DESCRIPTION	
PA-FG BLACK	48,3	122	62	41	78	78	39	VG-3115-R150-R125	25
	50,9	122	62	41	78	78	39	VG-3115-R150T-R125	
	60,3	130	65	-	82	82	42,5	VG-3115-R200-R125	

Material: reinforced polyamide, screws in stainless steel AISI 304, bushings in nickel plated brass.

Note: max. recommended tightening torque 1.5 Kgm.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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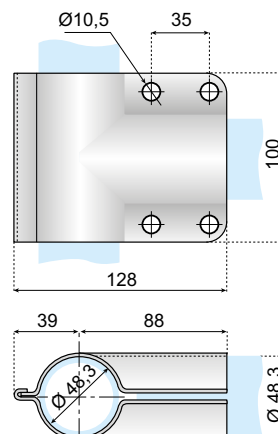
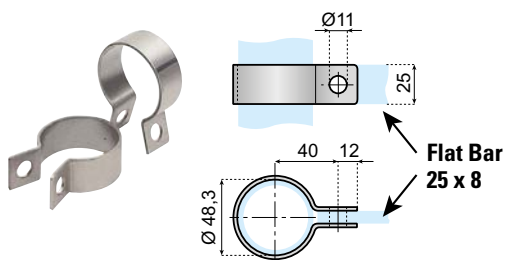
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CONNECTING JOINTS



Thickness: S = 2 mm.

Surface: tumbling finish.

Use: with Tubes Ø 48,3

Note: the connecting joint is supplied without screws.

Material: Stainless Steel AISI 304.

Material: Stainless Steel AISI 304.

ITEM DESCRIPTION	
TC-R150-S	25

ITEM DESCRIPTION	
TCHD-R150-R150-S	25

EXPANSION PLUGS FOR ROUND AND SQUARE TUBES

Components and Material:

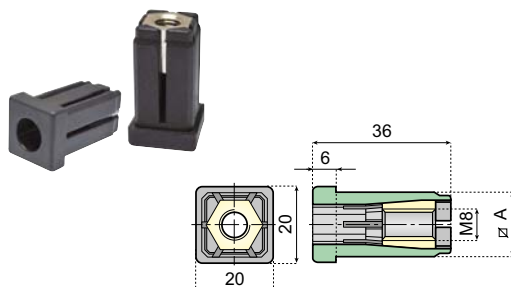
Conical insert is in nickel plated brass.

* Conical insert is in reinforced polyamide.

Notes: bolt and washer are not included.

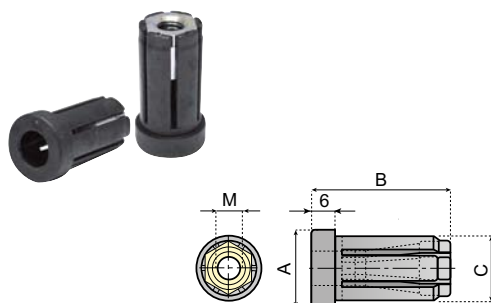
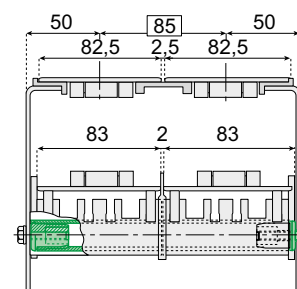
Technical information:

Max. load for removal Kgf 420 (static conditions).



EXPANSION PLUG FOR SQUARE TUBES

MATERIAL	M8	FOR SQUARE TUBE	
	ITEM DESCRIPTION	TUBE	
PA BLACK	TEE-S2015-BM8	20 x 20 x 1,5	100
	TEE-S2020-BM8	20 x 20 x 2	



EXPANSION PLUG FOR ROUND TUBES

MATERIAL	M	DIMENSIONS mm			TUBE DIMENSIONS			ITEM DESCRIPTION	
		A	B	C	EXT. Ø	INT. Ø	WALL		
PA BLACK	8	20	36	16,8	20	17	1,5	TEE-R2015-BM8	50
	10	38	42	34,8	38	35	1,5	TEE-3815-BM10	
		44,5	42	39,2	42,4	39,4	1,5	TEE-4415-BM10	
		48,5	50	44,7	48,3	45,3	1,5	* TEE-4815-BM10	

MOQ Min. order quantity: 300 pcs.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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APPLICATION EXAMPLES

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**Accumulation system for conical products.
The guide on top improves product stability.**

For details clamps , go to:

5 3 6 2 0 a



Frame supporting components.

Go to:

5 4 0 1 0 a