

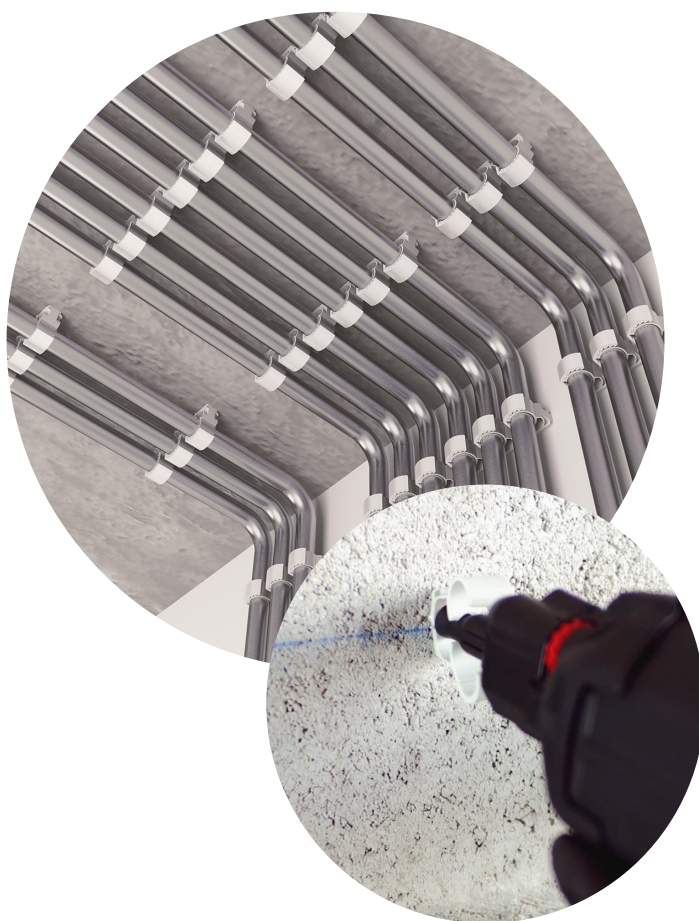
Plastic clamp

Abranyl®

Advantages



- The clamps close automatically when the pipe is pushed in; you save time and money
- Various installations with screws, nail plugs, Tacomax® or Insermax®
- Approved by KIWA; clamp can be used for warm water pipes with temperatures up to 90°C
- High application reliability
- Black colour: UV-resistant



Approvals and certificates



ABT
when combining approved
accessories, XHA-nails
(22-38 mm) and FORCE ONE(+)

Mounting



Installation possibilities

Type	with plug and screw ¹	with profiles ²	with nail plugs ³	with Tacomax®	with Insermax®	with gas nailer FORCE ONE & FORCE ONE+	Notes
AN	●	●	●	-	-	-	Sold millions of times, well accepted in the market
ABM	●	●	○	●	●	-	Best clamp for a wide range of installation due to its versatility
ABT	○	●	-	-	-	●	Preferred clamp for larger projects; great speed of installation with gas nailer

● Very suitable ○ Suitable

¹ With Plug Ø6 like FX 6, MZK 6 etc.

² With CELO-profiles e.g. PVC 1000, E2000PG, E2000PB

³ With Nail plug NP 5x35

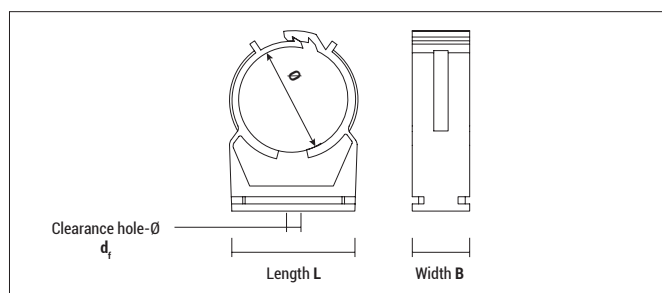
Advantages Abranyl® AN Classic



- Multidiameter: one clamp size covers two pipe diameters



AN Classic



Type	Ø [mm]	d _f [mm]	Length L [mm]	Width B [mm]
AN 12	11,8	5,0	18,0	13,0
AN 14	13,8	5,0	20,0	14,0
AN 15/16	15,0	5,0	19,5	15,5
AN 18/20	18,5	5,0	24,0	15,5
AN 22/25	22,5	5,0	27,0	15,5
AN 26/28	26,6	5,0	29,0	15,5
AN 30/32	30,5	5,0	34,0	17,0
AN 35/40	34,2	5,0	42,5	18,0
AN 47/50	47,5	5,0	51,0	19,7

Type	Art-No			Pipe-Ø				Recommended distance between clamps [m]	€/100 pcs	[pcs]	[pcs]
	grey	black	white	Metric [mm]	Copper [mm]	Steel [inch]	Plastic [mm]				
AN 12 ¹	912AN	–	–	–	12	–	–	0,50	100	900	
AN 14 ¹	914AN	–	–	–	–	1/4"	–	0,50	100	900	
AN 15/16	915AN	9415AN	9115AN	16	15	–	16	0,50	100	900	
AN 18/20	918AN	9418AN	9118AN	20	18	3/8"	20	0,60	100	900	
AN 22/25	922AN	9422AN	9122AN	25	22	1/2"	25	0,75	100	600	
AN 26/28	926AN	–	9126AN	–	28	3/4"	–	0,75	100	600	
AN 30/32	930AN	9430AN	9130AN	32	32	–	–	0,85	100	–	
AN 35/40	935AN	9435AN	–	40	35	1"	40	1,00	100	–	
AN 47/50	947AN	–	–	50	–	1-1/2"	50	1,10	50	–	

¹ Not to be used in profiles

Advantages Abranyl® ABT



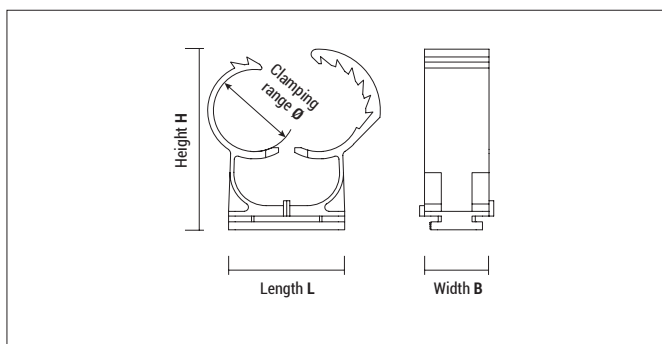
- Recommended for use with gas nailers
- Multidiameter: one clamp size covers three pipe diameters
- Patented clamp



when combining approved accessories, XHA-nails (22-38 mm) and FORCE ONE(+)



ABT



Type	Clamping range Ø [mm]	Length L [mm]	Height H [mm]	Width B [mm]
ABT 14/18	14-18	24,0	35,6	20
ABT 20/25	20-25	29,0	45,5	20
ABT 26/32	26-32	36,0	53,6	20
ABT 35/42	35-42	45,0	66,4	20

Type Ø	Art-No		Art-No		€/100 pcs	Pipe-Ø				ETA	[pcs]	[pcs]
	grey	€/100 pcs	black	white		Metric [mm]	Copper [mm]	Steel [inch]	Plastic [mm]			
ABT 14/18	918ABT		9418ABT	9118ABT		16	14-15-18	3/8"	16	●	100	600
ABT 20/25	925ABT		9425ABT	9125ABT		20-25	22	1/2"	20-25	●	50	450
ABT 26/32	932ABT		9432ABT	9132ABT		32	28	3/4"	32	●	50	300
ABT 35/42	942ABT		9442ABT	9142ABT		40	35-42	1"-1/4"	40-42	●	25	150

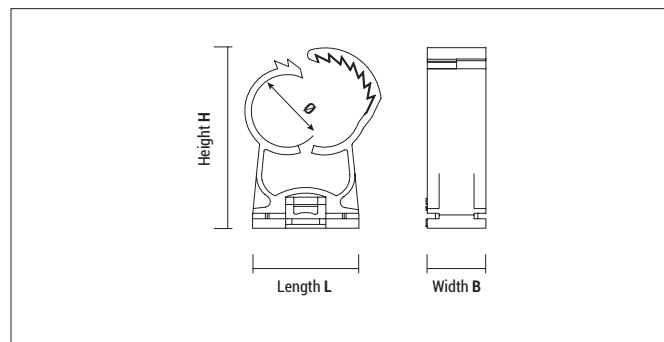
Compatible gas nailers can be found on page 247

Plastic clamp Abranyl®

Advantages Abranyl® ABM "Max"



- Multidiameter: one clamp size covers three pipe diameters
- Patented clamp
- Halogen free
- Can be used with screws Ø4.5 mm and plugs Ø6 mm



Type	Ø [mm]	Length L [mm]	Height H [mm]	Width B [mm]
ABM 10/14	9,8	22,0	32,0	16,0
ABM 14/18	16,5	20,0	35,0	16,0
ABM 20/25	19,5	29,0	48,0	16,0
ABM 25/32	25,5	32,0	52,0	16,0
ABM 35/42	34,4	45,0	66,0	16,0



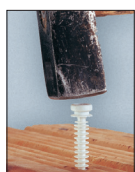
ABM "Max"

Type Ø	Art-No			Pipe-Ø				€/ 100 pcs	[pcs]	[pcs]
	grey	black	white	Metric [mm]	Copper [mm]	Steel [inch]	Plastic [mm]			
ABM 10/14	914ABM	–	–	–	10-12	1/8"-1/4"	–		100	900
ABM 14/18	918ABM	9418ABM	9118ABM	16	14-15-18	3/8"	16		100	900
ABM 20/25	925ABM	9425ABM	9125ABM	20-25	22	1/2"	20-25		50	450
ABM 25/32	932ABM	9432ABM	9132ABM	32	28	3/4"	32		100	–
ABM 35/42	942ABM	9442ABM	9142ABM	40	35-42	1"-1/4"	40-42		100	–

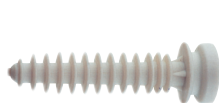
Mounting ABM "Max"



Application with
Tacomax® Ø6



Application with
M6-adapter Insertmax®



TACOMAX®































INSERTMAX®

Accessories for Abranyl® ABM "Max"

Type	Art-No	Size [mm]	€/ 100 pcs	[pcs]	[pcs]
TACOMAX®	9630TMX	6 x 30		200	1.800
INSERTMAX®	96IMX	M6		100	4.000

Overview of plastic clamps

Plastic clamps

					
	Abranyl® AN	Abranyl® ABT	Abranyl® ABM	Multiclip MC	Multiclip UT
Diameter Ø (mm)	12-50	14-42	10-42	16-40	16-40
Base	Nylon	Nylon	Nylon	Polypropylene	Nylon
Temperature range °C	-10°C to +90°C (at peaks of -25°C to +110°C)	-10°C to +90°C (at peaks of -25°C to +110°C)	-10°C to +90°C (at peaks of -25°C to +110°C)	-20°C to +100°C (at peaks of -30°C to +120°C)	-10°C to +90°C (at peaks of -25°C to +110°C)
Tension load (kg)					
  European Technical Approval/Assessment (ETA)	X	  when combining approved accessories, XHA-nails (22-38 mm) and FORCE ONE(+)	X	X	  when combining approved accessories, XHA-nails (22-38 mm) and FORCE ONE(+)
 Black colour: UV-resistant	X	✓	✓	X	X
 Halogen free	✓	✓	✓	✓	✓
 RoHS compliant	✓	✓	✓	✓	✓
 KIWA approval	✓	✓	✓	X	X
 UL certificate	X	✓	X	X	X
 Patented clamp	X	✓	✓	X	X
Absorption of stretching	✓	✓	✓	X	X
Multidiameter	✓ 2 diameters per size except for Ø 10, 12, 14	✓ 3 diameters per size	✓ 3 diameters per size	X	X
Fast installation with:	 Nail plug NP	 Gas nailer FORCE ONE(+) and FOX	 Tacomax®	 Nail plug NP	 Gas nailer FORCE ONE(+) and FOX
 Mounting with metric thread	✓ M6	X	✓ with Insermax®	X	X
Parallel mounting possible	X	X	X	✓	✓
Applications	Electrical and sanitary	Electrical and sanitary	Electrical and sanitary	Electrical	Electrical
page	270	270	271	272	273