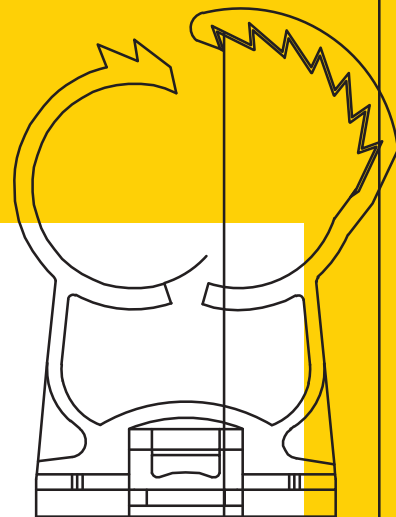


# Plastic Clamps
















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AN	 248
ABT	 248
ABM	 249
MC	 250
UT	 251

# Overview of plastic clamps

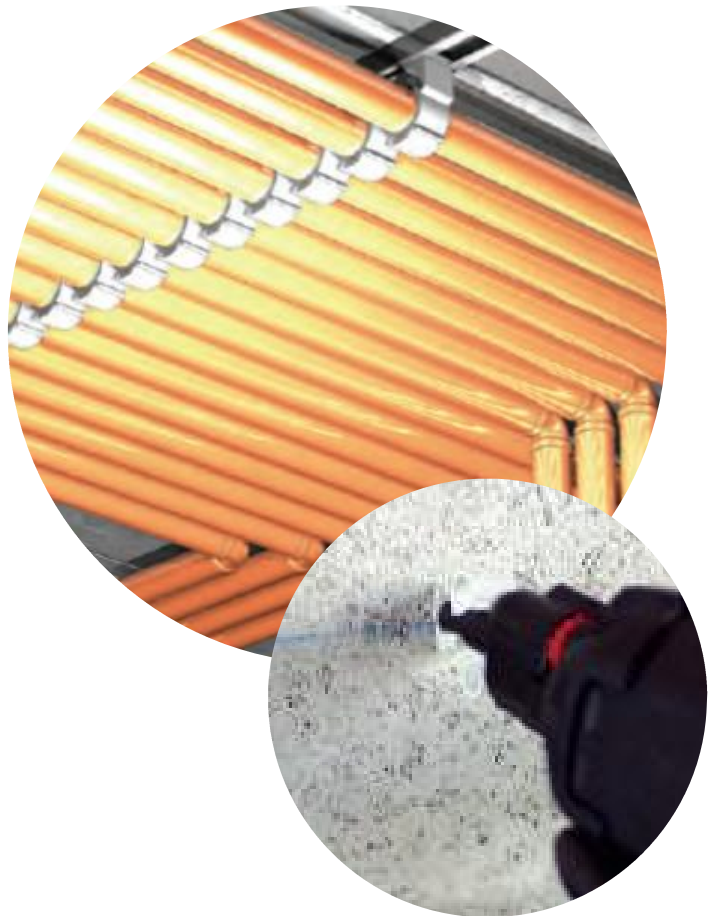


## Plastic clamps

	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	<b>-10°C to +90°C</b> (at peaks of -25°C to +110°C)	<b>-10°C to +90°C</b> (at peaks of -25°C to +110°C)	<b>-10°C to +90°C</b> (at peaks of -25°C to +110°C)	<b>-20°C to +100°C</b> (at peaks of -30°C to +120°C)	<b>-10°C to +90°C</b> (at peaks of -25°C to +110°C)
Tension load (kg)					
Halogen free	✓	✓	✓	✓	✓
 RoHS compliant	✓	✓	✓	✓	✓
 KIWA approval	✓	✓	✓	✗	✗
 UL certificate	✗	✓	✗	✗	✗
 Patented clamp	✗	✓	✓	✗	✗
Absorption of stretching	✓	✓	✓	✗	✗
Multidiameter	✓ 2 diameters per size except for Ø 10, 12, 14	✓ 3 diameters per size	✓ 3 diameters per size	✗	✗
Fast installation with:	 Nail plug NP	 Gas nailer FORCE ONE	 Tacomax®	 Gas nailer FORCE ONE	
Mounting with metric thread	✓ M6	✗	✓ with Insermax®	✗	✗
Parallel mounting possible	✗	✗	✗	✓	✓
Applications	Electrical and sanitary	Electrical and sanitary	Electrical and sanitary	Electrical	Electrical
page	248	248	249	250	251

# 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



### Mounting



### Installation possibilities

Type	with plug and screw <sup>1</sup>	with profiles <sup>2</sup>	with nail plugs <sup>3</sup>	with Tacomax®	with Insermax®	with gas nailer 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

<sup>1</sup> With Plug Ø6 like FX 6, MZK 6 etc.

<sup>2</sup> With CELO-profiles e.g. PVC 1000, E2000PG, E2000PB

<sup>3</sup> With Nail plug NP 5x35

## Plastic clamp Abranyl®

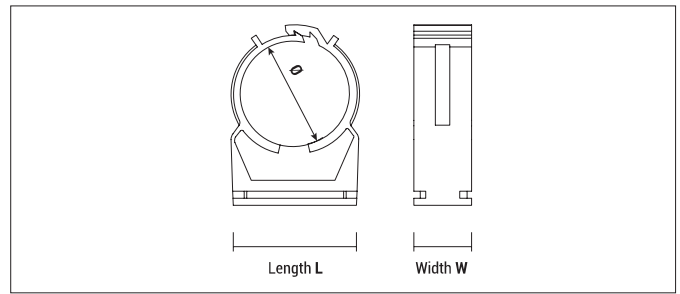
### Advantages Abranyl® AN Classic



- Multidiameter: one clamp size covers two pipe diameters



#### AN Classic



Type	Ø [mm]	Length L [mm]	Width W [mm]
AN 12	11,8	18,0	13,0
AN 14	13,8	20,0	14,0
AN 15-16	15,0	19,5	15,5
AN 18-20	18,5	24,0	15,5
AN 22-25	22,5	27,0	15,5
AN 26-28	26,6	29,0	15,5
AN 30-32	30,5	34,0	17,0
AN 35-40	34,2	42,5	18,0
AN 47-50	47,5	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 <sup>1</sup>	912AN	–	–	–	12	–	–	0,50	–	100	900
AN 14 <sup>1</sup>	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	–

<sup>1</sup> Not to be used in profiles

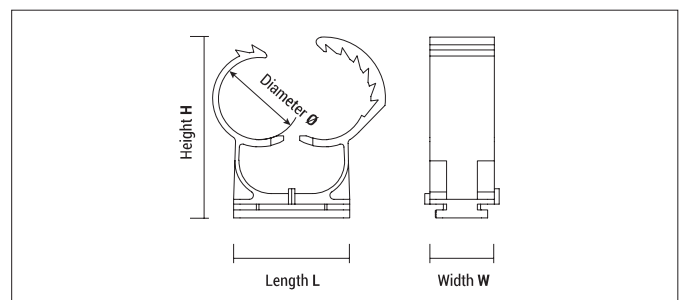
### Advantages Abranyl® ABT



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



#### ABT



Type	Ø [mm]	Length L [mm]	Height H [mm]	Width W [mm]
ABT 14/18	14,5	24,0	35,6	16,0
ABT 20/25	19,5	29,0	45,5	16,0
ABT 25/32	25,5	36,0	53,6	16,0
ABT 35/42	34,2	45,0	66,4	16,0

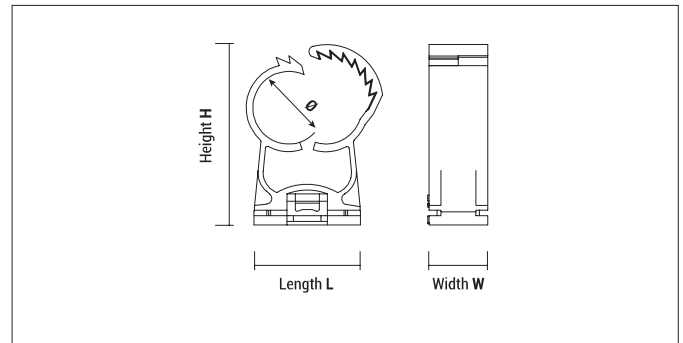
Type	grey		black / white		Pipe-Ø				[pcs]	[pcs]
	Art-No	€/100 pcs	Art-No	Art-No	Metric [mm]	Copper [mm]	Steel [inch]	Plastic [mm]		
ABT 14/18	918ABT	–	9418ABT	9118ABT	16	14-15-18	3/8"	16	100	600
ABT 20/25	925ABT	–	9425ABT	9125ABT	20-25	22	1/2"	20-25	50	450
ABT 25/32	932ABT	–	9432ABT	9132ABT	32	28	3/4"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

## Plastic clamp Abranyl®

### Advantages Abranyl® ABM "Max"



- Multidiameter: one clamp size covers three pipe diameters
- Patented clamp



Type	Ø [mm]	Length L [mm]	Height H [mm]	Width W [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	–	

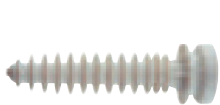
### Mounting ABM "Max"



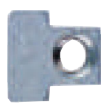
Application with Tacomax® Ø6



Application with M6-adapter Insertermax®



TACOMAX®



INSERMAX®

### Accessories for Abranyl® ABM "Max"

Type	Art-No	Size [mm]	€/100 pcs	[pcs]	[pcs]
TACOMAX®	9630TMX	6 x 30		200	1.800
INSERMAX®	961MX	M6		100	4.000

# Multiclip MC



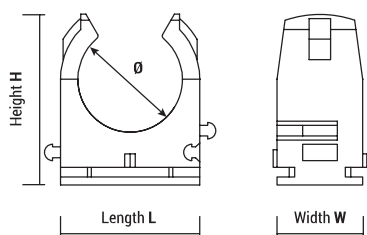
## Advantages



- Inner hole 4,5 mm
- Halogen free
- Clamps can be locked into each other
- Marking nib eases alignment



## Approvals and certificates



Type	Ø [mm]	Length L [mm]	Height H [mm]	Width W [mm]
MC 16	16	22	27,0	16
MC 18	18	24	29,0	16
MC 20	20	26	31,5	16
MC 22	22	28	34,0	16
MC 25	25	31	35,0	16
MC 32	32	39	43,0	16
MC 40	40	47	51,0	16

## MC grey

Type	Art-No	Pipe-Ø		€ / 100 pcs	[pcs]	[pcs]
		Metric [mm]	Copper [mm]			
MC 16	916MC	16	-		100	900
MC 18	918MC	-	18		100	900
MC 20	920MC	20	-		100	900
MC 22	922MC	-	22		100	900
MC 25	925MC	25	-		100	600
MC 32	932MC	32	-		50	450
MC 40	940MC	40	-		50	300

# Pipe ring clip UT

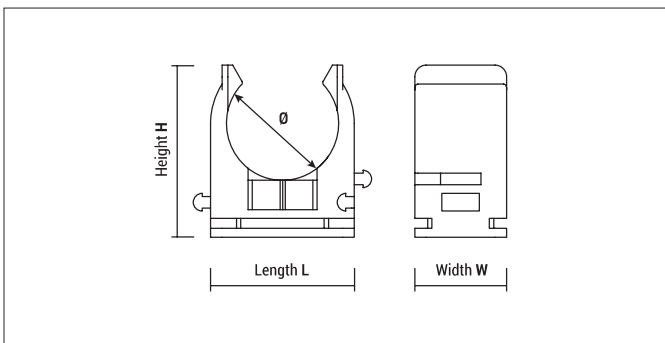


## Advantages



- Fast installation with gas nailer FORCE ONE
- Also compatible with gas nailer Powers Trak It® C3, Spit Pulsa 700E/800E
- UT clips can be mounted in series due to lateral slots
- A marking allows quick alignment
- Halogen free
- RoHS compliant

## Mounting





UT

## Approvals and certificates



Type	Ø [mm]	Length L [mm]	Height H [mm]	Width W [mm]
UT 16	16	23,0	25,5	16
UT 20	20	25,0	29,5	16
UT 25	25	30,5	34,0	16
UT 32	32	38,0	42,0	16
UT 40	40	46,0	50,0	16

Type	Art-No	Pipe-Ø Plastic [mm]	€ / 100 pcs	 [pcs]	 [pcs]
UT 16	916UT	16		100	900
UT 20	920UT	20		100	900
UT 25	925UT	25		100	900
UT 32	932UT	32		50	450
UT 40	940UT	40		50	300