

CELO

FORCE ONE



The powerful, lightweight and ergonomic gas nailer

Japanese Technology

CE

Gas nailer

FORCE ONE

**The best gas nailer in its class
- with extensive range of accessories**



Main features / Advantages



Powerful

Setting energy of 105 Joule for high fastening quality (steel thickness from 3,5 mm)



Constant power

Consistent gas injection regardless of temperature



Long lasting battery

up to 3000 fastenings per charge



Versatile

nails from 13 to 38 mm length for many different applications



Short contact pressure

enables fatigue-free working, especially with overhead installation



Quick

up to 2.5 nails per second



Good accessibility

even in narrow places due to the slim design and the extended nose



3,6 kg

Lightweight

with only 3,6 kg including battery the FORCE ONE is the lightest gas nailer in its class



Highly effective dust protection

Clever filter systems at the suction and discharge openings



Ergonomic handle

relieves the hands during longer use



Very well balanced

due to the special positioning of the gas cartridge



Smart

Computer-controlled intelligent ventilator adapts to the environment



Simple and fast adjustable tool nose



Removable

magazine footer



Laterally adjustable

device hook

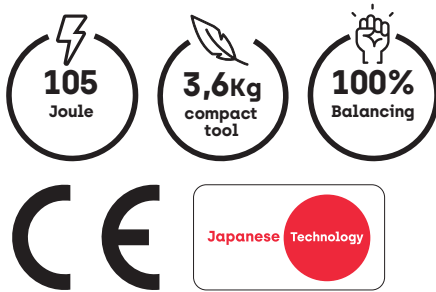


LED display

prevents unexpected work interruptions in case the battery is low

Gas nailer FORCE ONE

Advantages, approvals and certificates



Suitable building materials



Versatile use in different base materials such as steel, concrete, solid bricks and limited in wood. Can be used on floors, walls and ceilings.

Applications

Electrical Installations

Fastening of various light electrical installations [cables, conduits, cable channels, lamp suspensions etc.]

HVAC sector

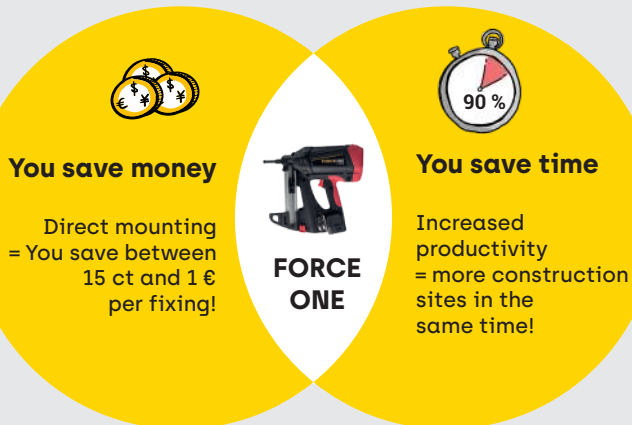
Fixing of heating pipes, ventilation channels etc.

Drywall construction

Fastening of drywall profiles

On the façade / tunnel construction / motorways

Fastening of insulating mats, moisture-repellent foils, protective material for floor coverings, fleece



With the gas nailer FORCE ONE every fastening is done within seconds.

→ **Per fixing point you save on average 90% of your working time!**



The gas nailer FORCE ONE pays off quickly.

→ **After approx. 2000 fixings your investment pays off and you earn money with every fixing!**

Set includes

- 1 x Gas nailer FORCE ONE
- 1 x Safety glasses
- 2 x Ear plugs
- 2 x Battery
- 1 x Charger
- 1 x Carrying case
- 1 x Jam clear tool
- 1 x Instruction manual

FORCE ONE 2x Battery 1x Charger 1x Jam clear tool



Gas nailer FORCE ONE

Type	Art-No	[Set]	[pcs]
FORCE ONE with magazine for 20 nails	FONE20	1	–
FORCE ONE with magazine for 40 nails	FONE40	1	–



Battery and charger for gas nailer FORCE ONE

Type	Art-No	[pcs]	[pcs]
FORCE ONE Battery	FONEBAT	1	–
FORCE ONE Charger	FONECARSET	1	–



High-performance gas for gas nailer FORCE ONE

Type	Art-No	Height [mm]	Content [ml]	[pcs]	[pcs]
Fuel cell*	9GASFONE	180	80	1	20

* sufficient for min. 800 nails



Technical data of gas nailer FORCE ONE

Characteristics	Technical data
Height	365 mm
Width	124 mm
Length	334 mm
Weight	3.6 Kg (with battery included)
Loading capacity	FORCE ONE 20: 20 + 2 nails* FORCE ONE 40: 40 + 2 nails*
Type of battery	NiMH-battery (battery lasts for 4,500 nails)

Characteristics	Technical data
Capacity of battery	6V DC, 1.5Ah
Power consumption (Rated output)	8VA (10V 800mA)
Connection charger	100-240V AC. (50 or 60Hz)
Charging time	max. 120 minutes
Temperature range for use	-10°C to +40°C

* There must be at least 2 nails in the magazine, otherwise the nailer cannot be triggered.

Steel nails FORCE ONE XHA & TKA

Advantages



XHA premium nails for gas nailer FORCE ONE



TKA standard nails for gas nailer FORCE ONE

- XHA:
 - Premium nails; suitable for hard concrete and steel
 - Nail 13 mm especially hardened for steel
 - Grooved nails to improve grip
- TKA: standard nails for concrete and solid bricks
- Each box includes one high-performance fuel cell, sufficient for 800 nails

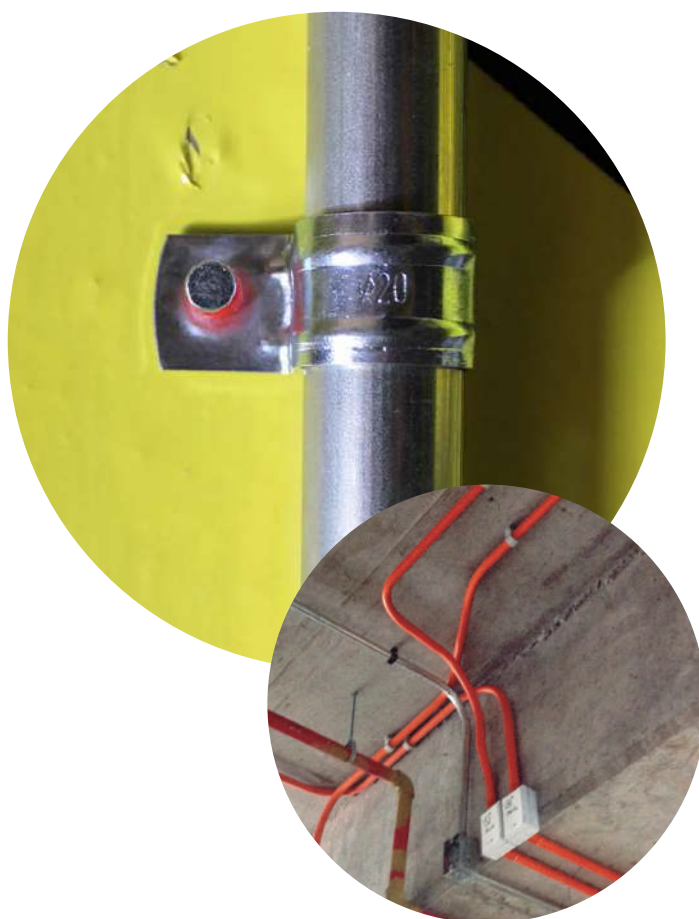
Approvals and certificates



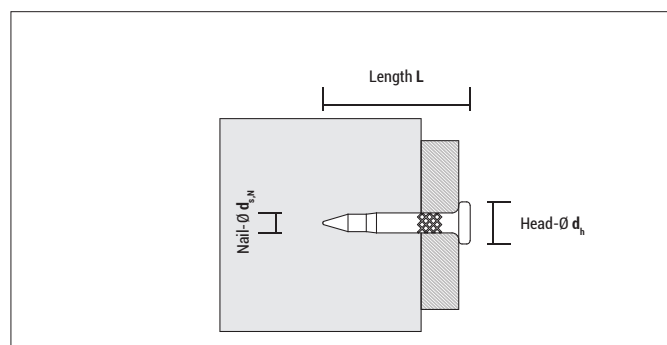
XHA premium nails for FORCE ONE

Type	Art-No	Nail-Ø $d_{s,N}$ [mm]	Length L [mm]	Head-Ø d_h [mm]	€/ 100 pcs	 [pcs]	 [pcs]
XHA premium nails 13 mm + fuel cell	913800XHA	3	13	6,3		800	4.000
XHA premium nails 17 mm + fuel cell	917800XHA	3	17	6,3		800	4.000
XHA premium nails 22 mm + fuel cell	922800XHA	3	22	6,3		800	4.000
XHA premium nails 27 mm + fuel cell	927800XHA	3	27	6,3		800	4.000
XHA premium nails 32 mm + fuel cell	932800XHA	3	32	6,3		800	4.000
XHA premium nails 38 mm + fuel cell	938800XHA	3	38	6,3		800	4.000

+ each box includes one high-performance fuel cell



Mounting





+ each box includes one high-performance fuel cell



TKA standard nails for FORCE ONE

Type	Art-No	Nail-Ø d _{s,N} [mm]	Length L [mm]	Head-Ø d _h [mm]	€/100 pcs	[pcs]	[pcs]
TKA nails 19 mm + fuel cell	919800TKA	2,6	19	6,3		800	4.000
TKA nails 25 mm + fuel cell	925800TKA	2,6	25	6,3		800	4.000

Overview - Suitable building materials for nails XHA and TKA

	XHA 13 mm	XHA 17 mm	TKA 19 mm	XHA 22 mm	TKA 25 mm	XHA 27 mm	XHA 32 mm	XHA 38 mm
Steel (min. thickness 3,5 mm)	●							
Concrete > C20/25		●		○				
Concrete C20/25		○	●	●	●	○		
Solid brick		○	●	●	●	●	○	
Hollow brick					●	●	●	
Wood								●

● very suitable

○ suitable to a limited extent

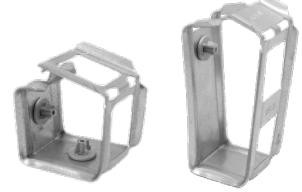
Overview over FORCE ONE accessories



Multidiameter nylon clamp Abranyl® ABT



Metal cable hanger CHS



Pipe ring clip UT



Metal conduit clip PFT & DFT



Nylon clip for flat cables TPC & TPLC



Stud accessory ATR M6 & ATR M8



Wire conduit WSC & WDC



Rod hanger ATV



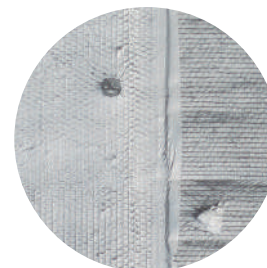
Cable tie fasteners TBB, TBBL, TBBB, TBM



Ceiling hanger AAT



Conduit clips FP & FPD



Metal washer AW



Conduit clip FT



Plastic washer AP



Compatibility CELO gas nailers accessories with different gas nailers

CELO Accessories		CELO		SPIT		HILTI		DEWALT		WÜRTH	RAWL PLUG	FISCHER
		FORCE ONE	FOX	PULSA 800 P	PULSA 800 E	BX-3	GX-3	DCN890	TRAK IT® C5	DIGA CS2	SC40II	FGC 100
												
XHA		✓	✓	✓	✓						✓	✓
TKA		✓	✓	✓	✓						✓	✓
GASFONE		✓										
GASA FOX			✓									✓
ABT		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UT		✓	✓	✓	✓						✓	✓
TPC/TPLC		✓	✓		✓						✓	✓
WSC		✓	✓		✓						✓	✓
WDC		✓	✓		✓						✓	✓
TBB		✓	✓	✓	✓						✓	✓
NTBB grey					✓	✓	✓	✓	✓	✓		
TBL		✓	✓	✓	✓						✓	✓
TBD		✓	✓		✓						✓	✓
TBM		✓	✓		✓						✓	✓
FP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FPD		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FT		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CHS		✓	✓	✓	✓	✓	✓				✓	✓
PFT		✓	✓	✓	✓	✓	✓				✓	✓
DFT		✓	✓	✓	✓	✓	✓				✓	✓
ATR M6		✓	✓		✓						✓	✓
ATR M8		✓	✓		✓						✓	✓
ATV		✓	✓		✓						✓	✓
ATVS 8		✓	✓		✓						✓	✓
AAT		✓	✓		✓						✓	✓
AW		✓	✓		✓						✓	✓
AP		✓	✓	✓	✓	✓	✓				✓	✓
TXS		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CA		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

FORCE ONE Accessories



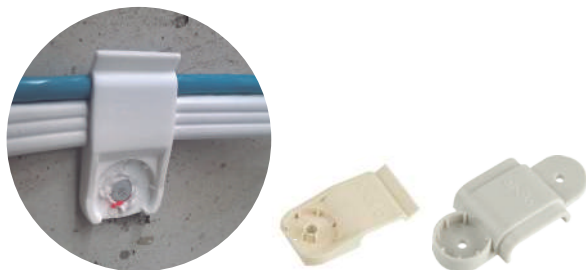
Multidiameter nylon clamp Abranyl® ABT

Type Ø	Art-No		Art-No		€/ 100 pcs	Pipe-Ø				[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 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



Pipe ring clip UT

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



Nylon clip for flat cables TPC, TPLC

Type	Art-No	For cable-Ø [mm]	Length L [mm]	Width W [mm]	Height H [mm]	€/ 100 pcs	[pcs]	[pcs]
TPC 6x17	9TPC	6x15	44,0	22,0	7,5		100	900
TPLC 9x25	9TPLC	9x25	64,5	30,0	10,5		100	900



Wire conduit WSC / WDC

Type	Art-No	Length L [mm]	Width W [mm]	Height H [mm]	€/ 100 pcs	[pcs]	[pcs]
WSC	9WSC	128	20	17		100	900
WDC	9WDC	232	20	17		50	450

Find our wide range of cable ties on our website at www.celofixings.com



Cable tie fasteners TBB for FORCE ONE and FOX

Type	Art-No	Height H [mm]	Diameter Ø [mm]	€/ 100 pcs	[pcs]	[pcs]
TBB black	9TBB	13	24,5		100	1.200
TBB grey	9GRTBB	13	24,5		100	1.200



Cable tie fasteners TBB

Type	Art-No	Height H [mm]	Diameter Ø [mm]	€/ 100 pcs	[pcs]	[pcs]
NTBB grey	9NTBB	13	24,5		100	1.200



Cable tie fasteners TBBL

Type	Art-No	Length L [mm]	Width W [mm]	Height H [mm]	€/ 100 pcs	[pcs]	[pcs]
TBBL black	94TBBL	33	20	10		200	-
TBBL grey	9TBBL	33	20	10		200	-

Each box includes 200 pcs cable tie 4,8 x 288

Find our wide range of cable ties on our website at www.celofixings.com



Cable tie fasteners TBBD

Type	Art-No	Length L [mm]	Width W [mm]	Height H [mm]	€/100 pcs	[pcs]	[pcs]
TBBD	9TBBD	80,0	18,0	9,5		100	600



Cable tie fasteners TBM

Type	Art-No	Length L [mm]	Width W [mm]	Height H [mm]	Clearance hole Ø [mm]	€/100 pcs	[pcs]	[pcs]
TBM	9TBM	51	25	12,5	6		100	900



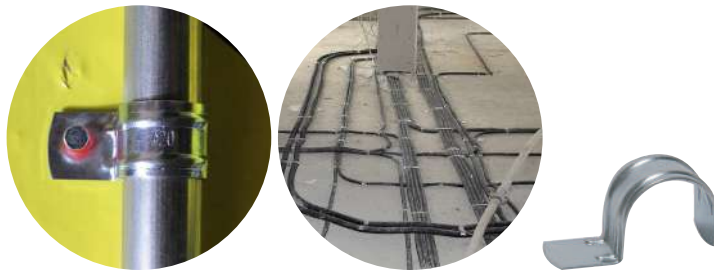
Conduit clips FPD

Type	Art-No	Pipe-Ø			Pipe sizes [mm]	Length L [mm]	Width W [mm]	Height H [mm]	€/100 pcs	[pcs]	[pcs]
		Copper [mm]	Steel [inch]	Plastic [mm]							
FPD 16	916FPD	18	3/8"	16	16 - 19	59	20	19,5		100	900
FPD 20	920FPD	22	1/2"	20	20 - 23	68	20	23,8		50	450
FPD 25	925FPD	28	3/4"	25	25 - 28	81	20	29		50	450



Conduit clips FP

Type	Art-No	Metric [mm]	Pipe-Ø			Length L [mm]	Width W [mm]	€/100 pcs	[pcs]	[pcs]
			Copper [mm]	Steel [inch]	Plastic [mm]					
FP 16	916FP	16	–	–	16	41,5	23		100	900
FP 18	918FP	–	18	3/8"	–	43,5	23		100	900
FP 20	920FP	20	–	–	20	45,5	23		100	600
FP 22	922FP	–	22	1/2"	–	47,5	23		100	600
FP 25	925FP	25	–	–	25	50,5	23		100	600
FP 28	928FP	–	28	3/4"	–	53,5	23		100	600
FP 32	932FP	32	–	–	32	57,5	23		50	450



Conduit clip FT

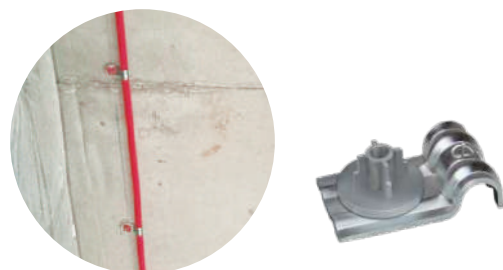
Type	Art-No	Pipe-Ø				€/100 pcs	[pcs]	[pcs]
		Metric [mm]	Copper [mm]	Steel [inch]	Plastic [mm]			
FT 16	916FT	16	–	–	16		100	1.800
FT 18	918FT	–	18	3/8"	–		100	900
FT 20	920FT	20	–	–	20		100	900
FT 22	922FT	–	22	1/2"	–		100	900
FT 25	925FT	25	–	1/8"	25		100	900
FT 28	928FT	–	28	–	–		100	900
FT 32	932FT	–	–	–	32		100	900

Discontinued article, delivery while stocks last



Metal multicable hanger clamp CHS

Type	Art-No	Length L [mm]	Width W [mm]	Height H [mm]	€/100 pcs	[pcs]	[pcs]
CHS 47x41	94741CHS	47	40	41		100	–
CHS 35x87	93587CHS	35	40	87		50	–



Metal conduit clip PFT

Type	Art-No	Diameter Ø [mm]	Length L [mm]	Width W [mm]	Height H [mm]	Pipe-Ø			€/100 pcs	[pcs]	[pcs]
						Copper [mm]	Plastic [mm]	Cables [mm]			
PFT 5	95PFT	4,5	24	17	3,8	–	–	1x1,5 / 2x0,75		100	1.800
PFT 6	96PFT	6	26	17	5,5	6	–	1x1,5 / 1x2,5		100	1.800
PFT 7	97PFT	6,5	26,5	17	6	–	–	1x1,5 until 1x6		100	1.800
PFT 8	98PFT	7,5	27,5	17	7	8	–	1x6 / 1x10		100	1.800
PFT 10	910PFT	9,5	29,5	17	9	10	–	1x16 until 4x1,5		100	1.800
PFT 12	912PFT	11,5	31,5	17	11,5	12	–	1x25 until 4x2,5		100	900
PFT 14	914PFT	13,5	33,5	17	13,5	15	–	4x6		100	900
PFT 16	916PFT	15,5	34,5	17	15,0	–	16	–		100	1.800
PFT 18	918PFT	17,5	36,5	17	17,0	18	–	–		100	900
PFT 20	920PFT	19,5	38,5	17	18,5	–	20	–		100	900
PFT 22	922PFT	21,5	40,5	17	20,5	22	–	–		100	900
PFT 25	925PFT	24,5	43,5	17	23,5	–	25	–		100	900
PFT 28	928PFT	27,5	46,5	17	26,5	28	–	–		100	900
PFT 32	932PFT	31,5	50,5	17	30,5	35	32	–		100	600
PFT 40	940PFT	39,5	58,5	17	38,5	42	40	–		50	450
PFT 50	950PFT	49,5	68,5	17	48,5	–	50	–		50	450



Metal conduit clip DFT

Type	Art-No	Diameter Ø [mm]	Length L [mm]	Width W [mm]	Height H [mm]	Pipe-Ø			€/100 pcs	[pcs]	[pcs]
						Copper [mm]	Plastic [mm]	Cables [mm]			
DFT 5	95DFT	4,5	34	17	3,8	–	–	1x1.5 / 2x0.75		100	1.800
DFT 6	96DFT	6	37	17	5,5	6	–	1x1,5 / 1x2,5		100	900
DFT 7	97DFT	6,5	37	17	6	–	–	1x1,5 until 1x6		100	1.800
DFT 8	98DFT	7,5	40	17	7	8	–	1x6 / 1x10		100	900
DFT 10	910DFT	9,5	44	17	9	10	–	1x16 until 4x1,5		100	900
DFT 12	912DFT	11,5	48	17	11,5	12	–	1x25 until 4x2,5		100	900
DFT 16	916DFT	15,5	56	17	15	–	16	–		100	600
DFT 18	918DFT	17,5	60	17	17	18	–	–		100	600
DFT 20	920DFT	19,5	64	17	18,5	–	20	–		50	450
DFT 22	922DFT	21,5	68	17	20,5	22	–	–		50	450
DFT 25	925DFT	25,5	74	17	23,5	–	25	–		50	450
DFT 28	928DFT	27,5	80	17	26,5	28	–	–		50	450
DFT 32	932DFT	32	88	17	30	35	32	–		50	300



Stud accessory ATR

Type	Art-No	Length L [mm]	Width W [mm]	Height H [mm]	Dimensions Thread x Length	Number of fixing points	€/100 pcs	[pcs]	[pcs]
ATR 6	9TR6	36	20,5	8	M6x6,5	1		100	900
ATR 8C	9TR8C	64	20,5	8	M8x10	2		100	900
ATR 8L	9TR8L	64	20,5	8	M8x16	2		100	900



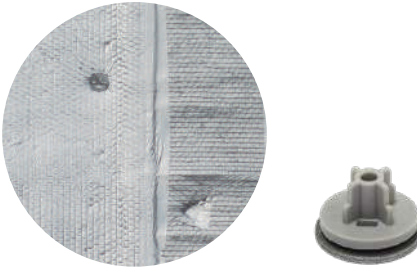
Rod hanger ATV, ATVS

Type	Art-No	Metric thread	Length L [mm]	Width W [mm]	Height H [mm]	€/100 pcs	[pcs]	[pcs]
ATV4	9TV4	M4	46	18	41		100	600
ATV5	9TV5	M5	46	18	41		100	600
ATV6	9TV6	M6	46	18	41		100	600
ATV8	9TV8	M8	75	18	26,5		50	450
ATVS8	9TVS8	M8	75	18	26,5		50	450



Ceiling hanger AAT

Type	Art-No	Height H [mm]	Length L [mm]	Width W [mm]	€/100 pcs	[pcs]	[pcs]
AAT	9AAT	27	26	19		100	900



Metal washer AW

Type	Art-No	Diameter Ø [mm]	Height H [mm]	Sheet thickness t_m [mm]	€/100 pcs	[pcs]	[pcs]
AW 15	915AW	15	5	1		200	3.600
AW 25	925AW	25	5	0,8		200	3.600



Plastic washer AP

Type	Art-No	Diameter Ø [mm]	Height H [mm]	€/100 pcs	[pcs]	[pcs]
AP 16	16AP	16	3		100	1.000
AP 30	30AP	35,5	2,75		100	1.000



Punched metal tape Cintapolo CA

Type	Art-No	Width W [mm]	Clearance hole-Ø d_i [mm]	Distance of holes S [mm]	Tensional strength $\leq$ [kg]	[Stück]	[Stück]
Cintapolo 12	12CA	12	5,1	14	50	10	-
Cintapolo 17	CA	17	7	20	95	10	-



CELO Befestigungssysteme GmbH
Industriestraße 6
D-86551 Aichach
www.celofixings.com
Hotline: +49 (0) 8251-90485-0
Telefax: +49 (0) 8251-90485-49
E-mail: info@celofixings.de

Small Things Matter

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