

Mubea assembly tools for spring band clamps

Catalogue



Mubea
engineering for mobility

Mubea has developed a range of assembly tools, specifically designed to aid the fitting of spring band clamps in a variety of environments. The tools enable fast and effortless fitting of the clamps ensuring maximum security and reliability to meet the customer requirements.





Mubea hand pliers are all-purpose tools. They can be used for serial production at the assembly line and for fitting and demounting individual spring band clamps (page 4).



Mubea pneumatic tools are used for demounting spring band clamps without effort and can be utilised on semi- and fully automated assembly lines (page 11).



Mubea releasing tools are used for the easy release of clipless spring band clamps pre-positioned on hose assemblies (page 13).



Mubea service tools are used for demounting and refitting spring band clamps in the service environment (page 14).

Mubea hand pliers



All Mubea hand pliers are constructed in the same way

The inserts

The spring band clamp is located in the inserts for opening. The correct insert must be selected to fit the type of spring band clamp. For fastening the insert to the pliers, there are three methods:

- Thread: The inserts can be turned as required and fastened
- O-ring: The inserts can be turned with slight resistance.
- Octagon: The inserts can be set in 45° stages.

The locking lever

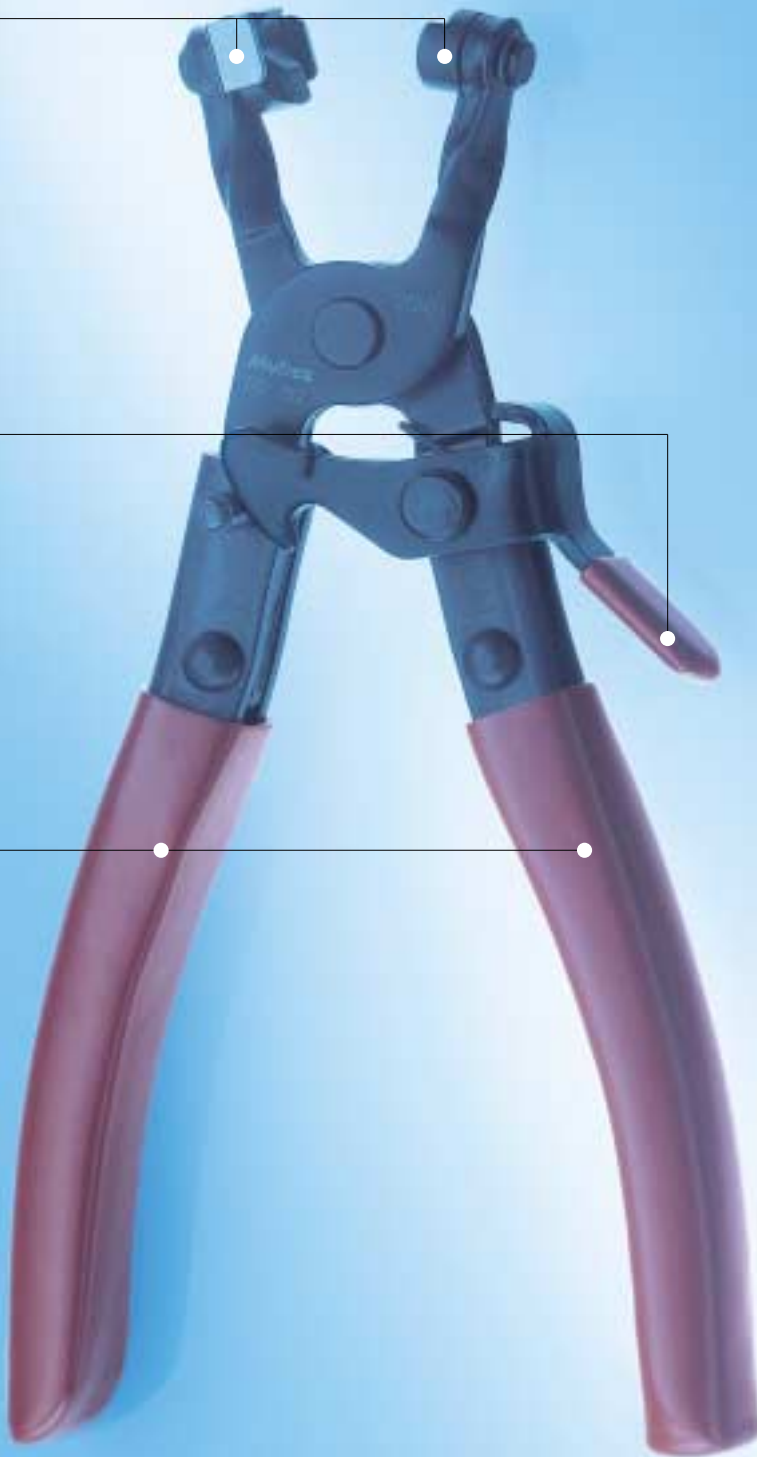
The locking lever holds the assembly tool without effort in the position for the maximum spring band clamp opening diameter.

The handles

All hand pliers are fitted with standard plastic-lined handle. On request, ergonomically designed non-slip handles can also be supplied.

Mubea hand pliers

Explanation



The inserts



The locking lever



The handles

Rights to make modifications are reserved

Standard spring band clamps
10 mm wide

Mubea hand pliers



Insert E51



Insert E52



Can be used for
spring band clamp diameters

dn 13-30 mm

dn 13-50 mm

Plier length [mm]

190

280

Order number

Pliers with threaded insert
Insert can be turned and set as required.

GO 191/o-E51

GO 281/o-E51

Pliers with O-ring insert
Insert can be turned with slight resistance.

GO 192/o-E52

GO 282/o-E52

For orders with non-slip handles, "/1" is used instead of "/o".
When ordering individual/spare parts, always quote the order number of the pliers.

Mubea hand pliers

Standard spring band clamps
12 mm wide



Insert E11



Insert E12



Insert E13

dn 13-30 mm	dn 13-50 mm	dn 13-90 mm	Can be used for spring band clamp diameters
190	280	320	Plier length [mm]
Order number			
GO 191/o-E11	GO 281/o-E11	GO 321/o-E11	Pliers with threaded insert Insert can be turned and set as required.
GO 192/o-E12	GO 282/o-E12	GO 322/o-E12	Pliers with O-ring insert Insert can be turned with slight resistance.
GO 193/o-E13	GO 283/o-E13	GO 323/o-E13	Pliers with octagonal insert Insert can be set in 45° stages.

For orders with non-slip handles, "1" is used instead of "o".
When ordering individual/spare parts, always quote the order number of the pliers.

Standard spring band clamps
15 mm wide

Mubea hand pliers



Insert E21



Insert E22



Insert E23



Can be used for
spring band clamp diameters

dn 13-30 mm

dn 13-50 mm

dn 13-90 mm

Plier length [mm]

190

280

320

Order number

Pliers with threaded insert

Insert can be turned and set as required.

GO 191/o-E21

GO 281/o-E21

GO 321/o-E21

Pliers with O-ring insert

Insert can be turned with slight resistance.

GO 192/o-E22

GO 282/o-E22

GO 322/o-E22

Pliers with octagonal insert

Insert can be set in 45° stages.

GO 193/o-E23

GO 283/o-E23

GO 323/o-E23

For orders with non-slip handles, "/1" is used instead of "/o".

When ordering individual/spare parts, always quote the order number of the pliers.

Mubea hand pliers

Low-profile spring
band clamps 12 mm wide



Insert E31



Insert E32



Insert E33

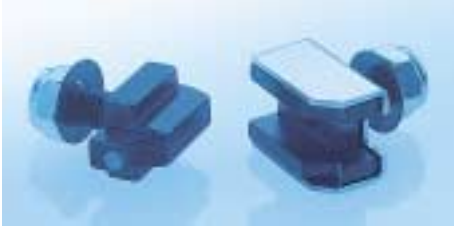
To differentiate between assembly tools for low-profile spring band clamps, the locking lever has a yellow marking.

dn 13-18 mm	dn 13-50 mm	dn 13-90 mm	Can be used for spring band clamp diameters
190	280	320	Plier length [mm]
Order number			
GO 191 /o -E31	GO 291 /o -E31	GO 321 /o -E31	Pliers with threaded insert Insert can be turned and set as required.
GO 192 /o -E32	GO 292 /o -E32	GO 322 /o -E32	Pliers with O-ring insert Insert can be turned with slight resistance.
GO 193 /o -E33	GO 293 /o -E33	GO 323 /o -E33	Pliers with octagonal insert Insert can be set in 45° stages.

For orders with non-slip handles, "/1" is used instead of "/o".
When ordering individual/spare parts, always quote the order number of the pliers.

Earless low-profile spring
band clamps 12 mm wide

Mubea hand pliers



Insert E61



Can be used for spring band clamp diameters	dn 13-18 mm	dn 13-18 mm
Plier length [mm]	190	280
	Order number	
Pliers with threaded insert Insert can be turned and set as required.	GO 191 /o -E61	GO 281 /o -E61

For orders with non-slip handles, "/1" is used instead of "/o".
When ordering individual/spare parts, always quote the order number of the pliers.



Gripping Tool

Inliner

dn 13-60 mm	dn 13-90 mm	dn 13-60 mm	Can be used for spring band clamp diameters
Gripping Tool	Gripping Tool	Inliner	Tool type
Order number			
GR 704-E10	GR 814-E10	ILT 705-E10	

When ordering individual/spare parts, always quote the order number of the tools.

Low-profile spring band
clamps 12 mm wide

Mubea pneumatic tools



Gripping Tool



Inliner

Can be used for spring band clamp diameters	dn 13-18 mm	dn 19-60 mm	dn 19-60 mm
Tool type	Gripping Tool	Gripping Tool	Inliner
	Order number		
	GR 704-E30	GR 704-E40	ILT 705-E40

When ordering individual/spare parts, always quote the order number of the tools.

Mubea releasing tool

Clipless spring band clamps
12 mm and 15 mm wide



dn 13-90 mm	Can be used for spring band clamp diameters
Order number	
RT210/2/85 003	

Standard and low-profile
spring band clamps 12 mm wide

Mubea service tools



Can be used for
spring band clamp diameters

dn 13-90 mm

Order number

GO 280 /o UST

Modifications of the assembly tools for spring band clamps
are at the manufacturers discretion.

Special tool designs are available on request.
Orders for Mubea assembly tools for spring band clamps
and information should be made to:

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As a global partner to the automotive industry, Mubea has locations worldwide in all continents. We develop, manufacture, and market high-quality products like suspension springs and stabiliser bars, spring band clamps, disc springs, valve springs, belt tensioner systems, tubular shafts, camshafts and intermediate shafts, wire form springs, flat coil springs, headrest supports, wire springs, flat springs and components produced by Flexible Rolling.

Mubea

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