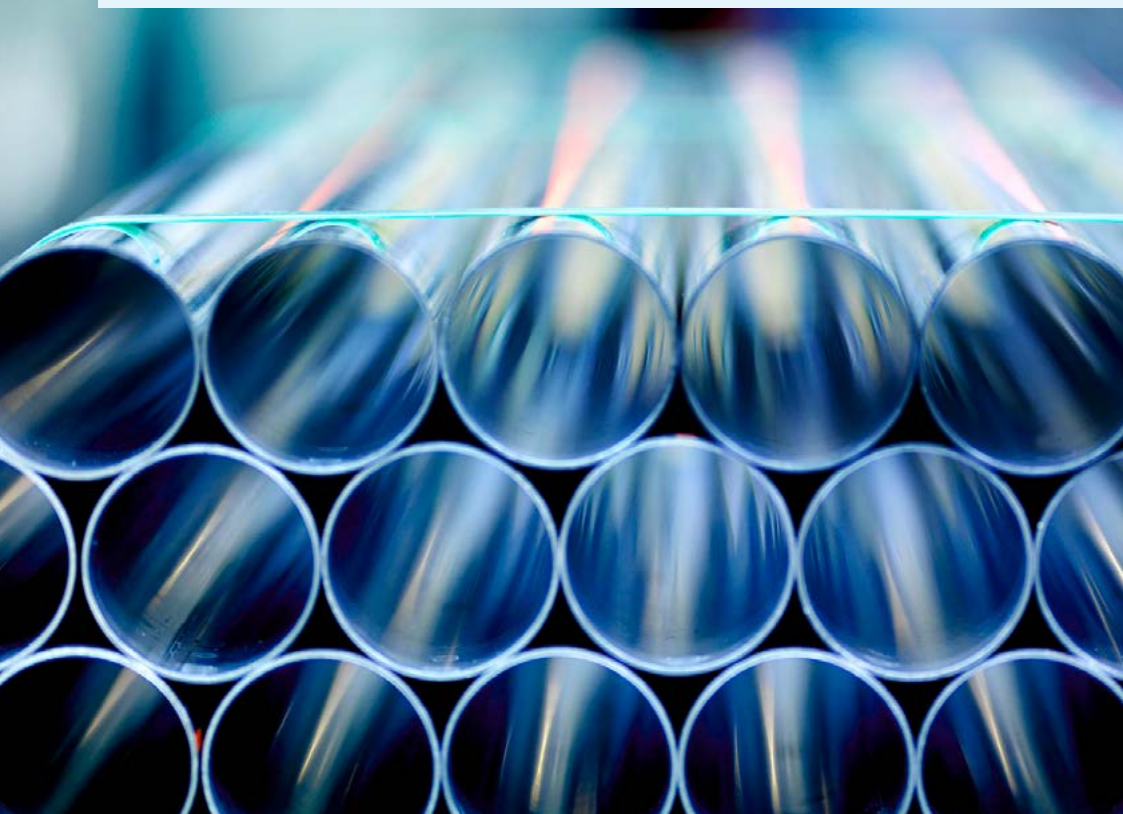




PRODUCT RANGE

PACKAGING TECHNOLOGY AND LOADING SAFETY



TOOLS STEEL STRAP



TOOLS STEEL STRAP

SEALLESS JOINT

FROM MANUAL TO FULLY PNEUMATIC

TITAN hand tools for strapping with steel strap are capable for most requirements and perfectly matched to your individual application.



HKE-L

The Allrounder

All functions are performed manually. Easy tensioning, closing and notching of the strap.



HKE-HD

The powerful manual

Manual strapping for the heaviest applications - up to strap dimensions of 19 x 0.8mm.



HPE

The semi-pneumatic

Strap tensioning is performed by the powerful air motor. A manual lever movement forms the coreless seal and notches the strap.



PKE / PKE-HD

The fully pneumatic

The entire strapping process is carried out pneumatically. It couldn't be simpler or more economical.



PKD

The powerful

For wider and thicker steel straps. The entire strapping process is performed pneumatically.

TOOLS STEEL STRAP

SEALLESS JOINT

TECHNICAL DATA

Type of joint

Original TITAN Sealless joint

Steel strap grades

Automatenband, MEGABAND®, Megaflex

TOOL	HKE	HKE-HD	HPE	PKE	PKE-HD	PKD
Strap width (mm)	12,7 / 16 / 19	19	12,7 / 16 / 19	12,7 / 16 / 19	19	16 / 19 / 31,75
Strap thickness (mm) Automatenband	0,4 - 0,6	0,6 - 0,8	0,4 - 0,6	0,4 - 0,6	0,6 - 0,8	0,8 - 1,0
Strap thickness (mm) MEGABAND®	0,4 - 0,63	0,63 - 0,8	0,5 - 0,63	0,5 - 0,63	0,63 - 0,8	0,8
Tension force (N) max.	manual 6.000	manual 6.000	pneumatic 7.000	pneumatic 7.000	pneumatic 7.000	pneumatic 14.000
Air pressure = flow pressure (bar) max.	-	-	6	6	6	6,5
Weight (kg) ca.	3,2	4,2	5,5	11,5	11,4	25,4



TOOLS STEEL STRAP

SEAL JOINT

COMBINED FOR ROUND PACKAGES

The new pneumatic device generation is perfect for strapping around round applications. Using steel strap with high tension, these tools are ideal for round heavy packages.



MAXI / MAXI-LAH

The handy ones

For light packages. Single notch seal. Compressed air connection at the back or top.



MAX-L

The specialist

The combination of optimal handling and maximum closure strength due to double notch.



MAX

The powerful

The device for the heaviest applications. Robust construction for long service life. Double notch for a secure closure.



MAXI-LION NEW

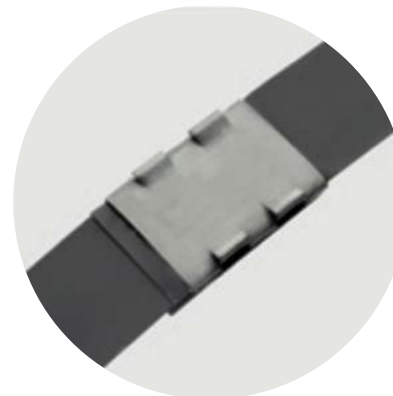
Independent of compressed air

The new innovative battery device for 13 - 19 mm steel strapping, designed for seal closure with single notch.

TECHNICAL DATA

Steel strap grades Automatenband, MEGABAND®, Megaflex

GERÄT	MAXI	MAXI-LAH	MAX-L	MAX	MAXI-LION	NEW
Type of seal	Seal-joint (single notch)	Seal-joint (single notch)	Seal-joint (double notch)	Seal-joint (double notch)	Seal-joint (single notch)	
Strap width (mm)	12,7 / 16 / 19	12,7 / 16 / 19	19	25,4 / 31,75	13 / 16 / 19	
Strap thickness (mm) Automatenband	0,4 - 0,6	0,4 - 0,6	0,6 - 0,8	0,8 - 1,0	0,4 - 0,6	
Strap thickness (mm) MEGABAND®	0,4 - 0,63	0,4 - 0,63	0,63 - 0,8	0,8	0,4 - 0,63	
Tension force (N) max.	pneumatic 4.000	pneumatic 4.000	pneumatic 5.500	pneumatic	electric	
Air pressure = flow pressure (bar) max.	6,0 / 19 mm 5,0 / 16 mm 4,0 / 12,7 mm	6,0 / 19 mm 5,0 / 16 mm 4,0 / 12,7 mm	6	6	-	
Compressed air connection	top	back	top	top	-	
Weight (kg) ca.	4,2	4,2	7,0	11,3	6,8	
Weight + Suspension hook (kg) ca.	4,5	4,5	7,3	11,7	9,1	



TOOLS STEEL STRAP

PNEUMATIC TENSIONER AND SEALER

SEPARATE TENSIONER AND SEALER FOR PACKAGING STEEL STRAP, SEAL JOINT

Maximum strapping flexibility through the use of separate tensioning and sealing units.



PR-33

Tension through pneumatics

The PR33 pneumatic hand tool impresses with its ergonomic and energy-saving handling characteristics, both for all-round strapping and for flat packages.



SPZ

„Simple“ in two variants

If you need a simple steel band sealer for round and flat packages, the SPZ from TITAN is the perfect choice.



DPZ

Double through and through

Double is better - a saying that is not always true, but definitely hits the mark with this device.

TECHNICAL DATA

Steel strap grades

Automatenband, MEGABAND ®, Megaflex

Type of seal

Original TITAN Seal-joint (single notch)

Original TITAN Seal-joint (double notch)

GERÄT

P33

SPZ

DPZ

Bandbreiten (mm)

19 / 25,4 / 31,75

19 / 25,4 / 31,75

19 / 25,4 / 31,75

Strap thickness (mm) Automatenband

0,8 - 1,0

0,8 - 1,0

0,8 - 1,0

Strap thickness (mm) MEGABAND®

0,8 - 1,0

0,8

0,8

Tension force (N) max.

pneumatic 8.000

6

6

Air pressure = flow pressure (bar) max.

6

3,3

4,5

Weight (kg) ca.

4,35

4,2

5,5

TOOLS STEEL STRAP

BATTERY POWERED STEEL STRAP TENSIONER AND SEALER

INNOVATIVE BATTERY POWERED STEEL STRAP TENSIONER AND SEALER FOR 32 MM STEELSTRAP

Each package can be strapped with 32 mm steel strapping in any working environment, without any restrictions due to hoses or air connections.

FEATURES

- Battery operated tool
- Double notch
- Strong and reliable
- 32 mm steel strap (regular duty and high tensile)

BENEFITS

- Robust and durable
- Easy to be used
- Low maintenance required
- Long-life battery



DAZ



AR32

TECHNICAL DATA

Steel strap grades	Automatenband, MEGABAND®
Type of joint	Crimped joint (Double notch)

TOOL	DAZ	AR32
Type of drive	Electric	Electric
Tension force		5.000 – 13.000 N
Strap feeding speed		3 m/min
Seal (Type)	RSK 32	RSK 32
Dimensions	350 x 100 x 260 mm	395 x 120 x 130 mm
Weight	4,5 kg	4,7 kg
Power supply system	18 V – 4 Ah Li-Ion	18 V – 4 Ah Li-Ion
Type of strap	Steel strap	Steel strap
Strap	Automatenband MEGABAND®	Automatenband MEGABAND®
Strap width	32 mm	19, 25, 32 mm
Strap thickness	0,60 – 1,10 mm (Automatenband) 0,60 – 0,90 mm (MEGABAND®)	0,60 – 1,10 mm (Automatenband) 0,60 – 1,10 mm (MEGABAND®)

TOOLS STEEL STRAP

MANUAL STRAPPING TOOLS SEAL JOINT

SEPARATE MANUAL SEALER AND TENSIONER

The ideal, flexible solution when no compressed air connection is available – and economically optimal when little strapping is required.



HR-32

Manual can be this exciting

The purely manual operation replaces the need for compressed air and thus makes the HR32 usable regardless of location.



HV

Handy & variable

The design, which is reduced to the essentials, and the robust technology make this locking pliers a particularly inexpensive as well as popular solution.

TECHNICAL DATA

Steel strap grades	Automatenband, MEGABAND [®] , Megaflex
Type of seal	Seal-joint (single notch)

TOOL	HR-32	HV
Strap width (mm)	19 / 25,4 / 31,75	19 / 25,4 / 31,75
Strap thickness (mm) Normal	0,8 - 1,0	0,8 - 1,0
Strap thickness (mm) high strength	0,8 - 1,0	0,8
Weight (kg) ca.	3,9	3,0

SEALS PIECE BY PIECE SECURITY

For steel strapping tools TITAN always offers the right seal.



Execution

Bright, zinc coated, lacquered

Delivery standard

Push type, C-form, magazine type

FOR COMBINED STEEL STRAPPING TOOLS

TECHNICAL DATA

Dimensions		Type of seal	Quantity (Box)	for tool type
mm	inch			
13 x 22	0.51 x 0.87	RS 13	2.000	MAXI, MAXI-LION
16 x 22	0.63 x 0.87	RS 16	2.000	
19 x 25	0.75 x 0.98	RS 19	2.000	
19 x 40	0.75 x 1.57	RSK 19 x 40	1.000	MAX-L
19 x 45	0.75 x 1.77	RSK 19	1.000	
25 x 40	0.98 x 1.57	RSK 25 x 40	1.000	
25 x 45	0.98 x 1.77	RSK 25	1.000	MAX
32 x 40	1.26 x 1.57	RSK 32 x 40	1.000	MAX, DAZ
32 x 45	1.26 x 1.77	RSK 32	1.000	
19 x 57	0.75 X 2.24	RSL 19	1.000	SPZ, DPZ
25 x 57	0.98 x 2.24	RSL 25	1.000	SPZ, DPZ, MAX
32 X 57	1.26 X 2.24	RSL 32	1.000	SPZ, DPZ, MAX, DAZ

FOR STRAPPING TOOLS FOR ROUND PACKAGES

TECHNICAL DATA

Dimensions		Type of seal	Quantity (Box)	for tool type
mm	inch			
13 X 22	0.51 x 0.87	RU 13	2.000	manual tensioner
16 x 22	0.63 x 0.87	RU 16	2.000	
19 X 22	0.75 x 0.87	RU 19	2.000	
25 x 35	0.98 x 1.38	RU 25	1.000	
32 X 35	1.26 x 1.38	RU 32	1.000	

FOR CRIMP AND LASHING

TITAN seals for lifting and lashing are only available in lacquered execution

TECHNICAL DATA

Dimensions		Type of seal	Quantity (Box)	for tool type
mm	inch			
32x 75	1.26 X 2.95	NCR 32	500	DCR, SCR



TOOLS PP/PET STRAP

TOOLS PP/PET STRAP FRICTION-WELD(ING) JOINT

THE TA-SERIES

Innovative accumulator system for plastic strapping.



TA250

The universal

For applications in the medium tension range with a tensioning force of up to 2,500 N.



TA 450

The perfectionist

For tasks in the high tension range with a tensioning force of up to 5,500 N.



TA 750

The powerhouse

Performance values that are unparalleled in the cordless hand tool segment: Thanks to its proven 36-volt battery, it delivers a tensioning force of up to 7,000 N.



TA 260 NEW



The digital professional

New innovative and revolutionary battery strapping tool with adjustable tension force from 500 - 2,500 N. Bluetooth connection & mobile APP.

TOOLS PP/PET STRAP FRICTION-WELD(ING) JOINT

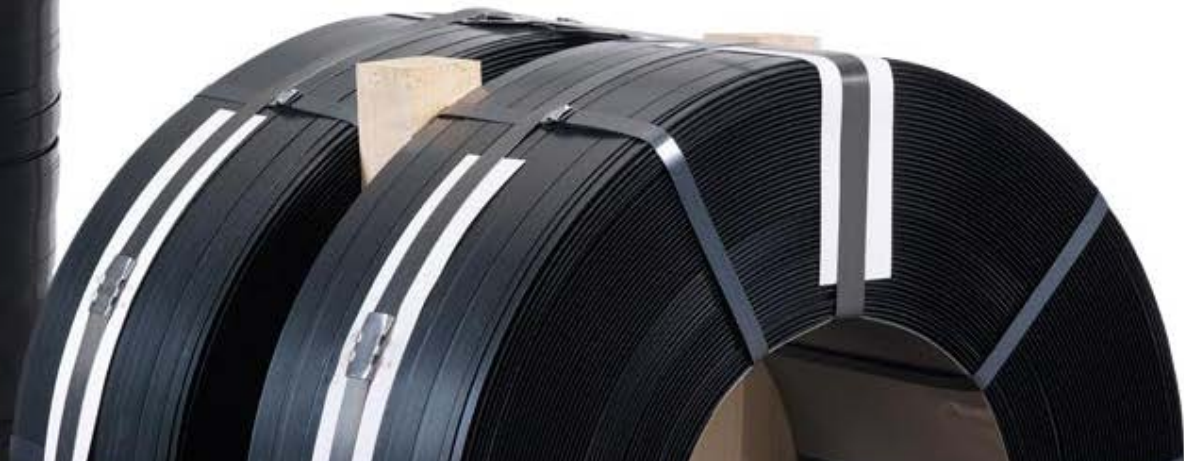
THE TA-SERIES

Innovative accumulator system for plastic strapping.

TECHNICAL DATA



TOOL	TA 250	TA 450	TA 750	TA 260	NEW
Type of seal	Friction-weld joint	Friction-weld joint	Friction-weld joint	Friction-weld joint	
Weight	3,9 kg	4,1 kg	6,4 kg	4,4 kg	
Dimensions (L x B x H)	300 x 150 x 160 mm	300 x 150 x 160 mm	300 x 150 x 200 mm	325 x 135 x 135 mm	
Tension force	ca. 2.500 N	ca. 5.500 N	2.700 – 8.000 N (einstellbar)	500 – 2.500 N (einstellbar)	
Strap feeding speed	16 m/min.	12 m/min.	12 m/min.	11 m/min.	
Battery	14,8V – 3,2Ah	14,8V – 3,2Ah	36 V – 2,0 Ah	18 V – 5 Ah	
STRAP	PP / PET	PET	PP / PET	PP / PET	
Strap width	12/13 – 16 mm	15/16 – 19 mm	19, 25, 32 mm	13, 16 mm	
Strap thickness	0,5 – 1,05 mm	0,7 – 1,30 mm	0,80 - 1,40 mm 1,00 - 1,30 mm	0,50 – 1,05 mm	



PACKAGING STEEL STRAP



PACKAGING STEEL STRAP

TITAN steel strapping is of uncompromisingly high quality and offers consistently optimal physical and geometric properties. Rounded edges - TITAN quality for trouble-free strapping and maximum safety.

FORMS OF DELIVERY



Ribbon wound
12,7 - 31,75 mm width



Oscillated wound
12,7 - 19,05 mm width



Jumbo coils lying
vertical coil eye
500 kg/Coil
16,00 - 31,75 mm width



Jumbo-Coils vertical
horizontal coil eye
500 kg or 1000 kg / Coil
16,00 - 31,75 mm width

TITAN AUTOMATENBAND

Standard strap sizes

Dimensions		Breaking Load	Coiling*	
mm	inch	about N	RW	OW
12,7 x 0,38	1/2 x 0,015	4.300		•
12,7 x 0,50	1/2 x 0,020	5.400		•
16,0 x 0,38	5/8 x 0,015	5.400		•
16,0 x 0,50	5/8 x 0,020	6.900		•
16,0 x 0,60	5/8 x 0,023	8.000		•
19,0 x 0,50	3/4 x 0,020	8.000		•
19,0 x 0,60	3/4 x 0,023	9.500		•
19,0 x 0,80	3/4 x 0,031	11.200		•
25,4 x 0,80	1 x 0,031	14.800	•	
25,4 x 1,00	1 x 0,040	17.200	•	
31,75 x 0,80	1 ^{1/4} x 0,031	19.000	•	
31,75 x 0,90	1 ^{1/4} x 0,035	20.000	•	
31,75 x 1,00	1 ^{1/4} x 0,040	22.000	•	

Further sizes on demand.

*RW = ribbon wound, OW = oscillated wound. Jumbo coils: depending on sizes.

Specially high quality strap for the use with semi- and fully automatic strapping systems, produced with very close tolerances.

TECHNICAL PROPERTIES

Tensile strength		Elongation
in mm	N/mm ²	A5 DIN 5014
0,38	ca. 880	
0,50	ca. 850	
0,60	ca. 800	> 6 %
0,80	ca. 750	
0,90	ca. 700	

Elongation: min 6% (A5 DIN 5014 / DIN EN 10002-1)

TITAN MEGABAND®

Standard strap sizes

Dimensions		Breaking Load	Coiling*	
mm	inch	ca.N	RW	OW
12,7 x 0,50	½ x 0,020	6.300		•
16,0 x 0,50	≤/ x 0,020	8.000		•
16,0 x 0,60	5/8 X 0,023	9.600		•
19,0 x 0,63	¾ x 0,025	12.000		•
19,0 x 0,80	¾ x 0,031	15.200		•
19,0 x 0,90	¾ x 0,035	17.100	•	
25,4 x 0,80	1 X 0,031	20.300	•	
25,4 x 0,90	1 X 0,035	22.500	•	
31,75 x 0,80	1¼ x 0,031	25.400	•	
31,75 x 0,90	1¼ x 0,035	28.500	•	

Further sizes on demand.

*RW = ribbon wound, OW = oscillated wound. Jumbo coils: depending on sizes.

High tensile strap with high elongation and shock resistance for strapping tools and strapping systems.

TECHNICAL PROPERTIES

Tensile strength

N/mm²

about 1.000

min. 950

Elongation

A5 DIN 5014

≥ 12 %

Elongation: ≥ 12 % (A5 DIN 5014 / DIN EN 10002-1)

PACKAGING STEEL STRAP

TITAN MEGABAND-SPEZIAL® / MEGAFLEX

TITAN MEGABAND-SPEZIAL® / MEGAFLEX

Standard strap sizes Dimensions		Tensile trength		breaking load	Elongation
mm	inch	about N/mm²	about N/ mm²	about N	L = 5d, min %
MEGABAND-Special® High tensile special strap for the TITAN Crimp and Lifting system, for extremely high static and dynamic stress.					
31,75 x 0,80 (L)	1¼ x 0,031	1.150	1.060	28.000	Dehnung (L = 100 mm) ≥ 7%
31,75 x 1,12 (LL)	1¼ x 0,044	1.150	1.060	40.000	
31,75 x 1,27 (LLL)	1¼ x 0,05	1.150	1.060	46.000	
MEGAFLEX Special quality for the steel industry, extremely shock resistant with especially high elongation.					
19 x 0,63	¾ x 0,025	800	750	9.600	18
25,4 x 0,80	1 X 0,031	800	750	16.250	18
25,4 x 0,90	1 X 0,035	800	750	17.570	18
31,75 x 0,80	1¼ x 0,031	800	750	20.320	18
31,75 x 0,90	1¼ x 0,035	800	750	22.860	18

Finish: blued, black lacquered, zinc painted.

Coiling: Ribbon wound, oscillated wound, jumbo coils (approx. 500 kg) depending on the sizes.

The manufacturing process of TITAN MEGABAND-Special® is subject to a constant quality control from melting to ready strap. That is what counts on lifting and lashing; constant quality standard and controlled safety. On this basis we are able to guarantee required breaking load and elongation figures.

TITAN BRIGHT STRAP

Tensile strength min. 600 – 700 N/mm, produced on common strap sizes, surface is waxed.



PLASTIC STRAP

TITAN PP STRAPPING

PP

PP IS THE ALL-ROUNDER FOR LIGHT DUTY APPLICATIONS.

Transport security of your products is our main goal. For different applications, e.g. timber industry, furniture, card-board, or newspaper, PP Strap for light duty applications is the ideal solution.

Perfect quality, optimum customer's benefit, that's what TITAN stands for.

- Closest process tolerances
- Perfect processing properties
- Optimum oscillation of the coils

These are only a few important arguments for PP Strapping from TITAN.

DIMENSIONS

Width	Breakload	Coil inner diameter
0.35–0.63 inch	700 – 4.600 N	200mm / 7.8 inch
9–16 mm		280mm / 11.0 inch
		406 mm/ 16.0 inch



PREMIUM SPECIAL PET STRAP FOR THE USE IN AUTOMATIC STRAPPING MACHINES OR IN HAND TOOLS, WITH CONSTRICTED TOLERANCES.

In contrast to Steel Strapping PET Strapping disposes of more elastic stress-strain behaviour. In alliance with the high tension of a strapping machine or a hand tool a very high retention force is being achieved. This stands for a high, long-lasting strap tension itself.

This is especially important for a long warehousing period. For heavy duty applications, likewise for applications of shrinking packages PET Strapping is in many cases the best solution for your transport security.

Additional, important advantages of PET Strapping:

- **The very high mechanical strength is ideal, in combination with the high elongation to withstand shock resistance.**
- **No corrosion damages on your package. PET Strapping is the ideal solution for outdoor warehousing.**
- **Perfect cost effectiveness in comparison to other strapping media**

DIMENSIONS

Width	Breakload	Coils
0.35 – 0.74 inch 9–32 mm	2.000–11.000 N	25 kg
		75 kg
		100 kg
		150 kg
		400 kg

