



# Modern performance

The new Colson installation cable ties bring together the inherent performance of the Colson solutions and the modernity of their time.



### NEW DESIGN

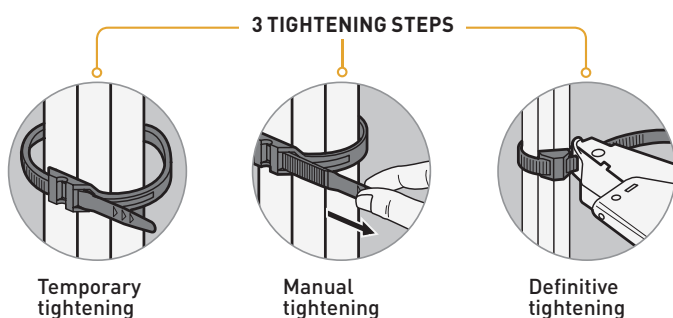
- 3 tightening steps for an easier and quicker use
- New marking for a guarantee of authenticity

### COLSON'S FUNDAMENTALS

- Resistance to fire, low/high temperature and external agents
- UV protection

### IMPROVED ERGONOMICS

- Lesser clamping force needed: reduction of MSD (Musculoskeletal disorders)
- Rounded head kinder to the hands



### NEW PACKAGING

- Reinforced bottom to avoid cable ties falling
- Several places to access the cable ties (pre-cut sections)
- Belt holder possibilities



# Colson™

## installation cable ties



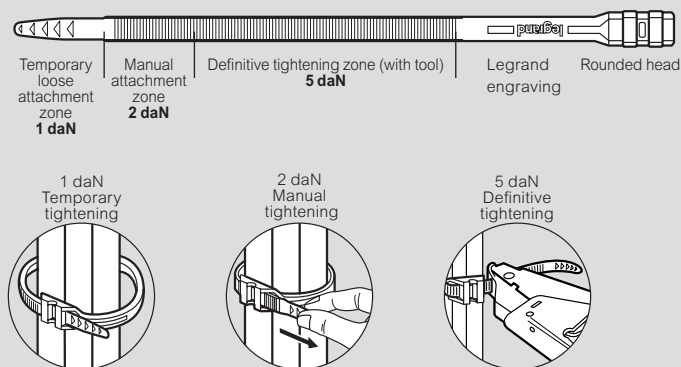
Dimensions **see e-catalogue**

Pack	Cat.Nos	<b>Black Colson U.V. protected cable ties - New design</b>				
		New design for installation with less effort Conform to EN 50146 and IEC 62275				
		<b>External teeth</b>				
		New packaging offering several places to access the cable ties and hanging options (except Cat.No 0 319 21)				
		Width (mm)	Flat length (mm)	Ø grip capacity (mm) max.	min.	Tensile Strength (kg)
100	0 319 10	9	123	22	4	36
100	0 319 13	9	185	42	10	36
100	0 319 16	9	262	62	26	53
100	0 319 19	9	357	92	26	53
500	0 319 20	9	498	140	74	53
100	0 319 21	9	750	220	74	53
100	0 319 22	6	119	25	4	22
1000	0 319 25	6	180	45	10	22
		<b>External teeth - large quantity boxes</b>				
		Reinforced boxes that can be closed again after opening				
		Dimensions: 115 x 420 x 205 mm				
1000	2 008 11	9	185	42	10	36
650	2 008 12	9	262	62	26	53
450	2 008 13	9	357	92	26	53
		<b>Black U.V. protected Colson cable ties</b>				
		<b>Internal teeth</b>				
		Manual tightening				
100	0 319 28	7.6	128	22	8	36
100	0 319 29	7.6	194	42	15	45
100	0 319 30	7.6	260	62	15	45
100	0 319 32	7.6	359	92	15	45
		<b>Black U.V. protected bases</b>				
1000	0 319 55	Standard plug base Ø8 mm drilling (Ø7 mm smooth material)				
100	0 319 58	Wall spacer plug base Ø8 mm drilling (Ø7 mm smooth material)				
100	0 319 50	Screw-on base, can be fixed with plug Cat.No 0 319 57 or metal stud Ø7 mm pitch 150 or countersunk screw Ø5 mm				

Pack	Cat.Nos	<b>Black U.V. protected screw-in plug</b>
100	0 319 57	For fixing screw-on base and cable ties with base Ø8 mm drilling (Ø7 mm smooth material) Threaded head Ø6.6 mm pitch 150 Supplied with punch for inserting pin
		<b>Black cable tie with U.V. protected base</b>
		Adjustable for conduits IRL Ø16 to 32 mm or for cable Ø13 to 38 mm Fixing by Ø7 mm thread 150 mm pin, screw in wall plugs Cat.No 0 319 57, screw Ø5 mm Can be fixed using Pulsa 700 E staple gun For interior and exterior use - U.V. protected Black colour
		<b>Colson tools</b>
		Used for crimping and cutting off the excess strap close to the head of Colson cable ties
1	0 319 96	Tool for crimping and cutting the strap in 2 separate actions
1	0 319 97	Automatic tool Can be used to crimp Colson cable ties with one hand thanks to its automatic feedforward function After crimping, the surplus cable tie is automatically cut off without further action Simplifies installation and requires less effort Crimping tension can be adjusted with a thumbwheel at the end of the tool

### New design of Colson cable ties with external teeth Cat.Nos. 0 319 10/13/16/19/20/21/22/25 and 2 008 11/12/13

- 3 installation zones = loose attachment option and easier tightening (reduced risk of MSDs)
- Rounded head is kinder to the hands
- Quicker to use
- Packaging has a reinforced base which doesn't open (cable ties don't all fall out), several places to access the cable ties (pre-cut sections), 1 belt clip



### Performance

Conform to EN 62275 type 1 (NFC 68-146)  
"cable ties for electrical installations"

Test conditions:

- Temperature: 23 °C
- Relative humidity of air: 50 %
- Traction speed: 25.4 mm/min

### Tensile strength

Cat.Nos	Tensile strength	
	Test Ø (mm) according to EN 62275	Min. strength (daN)
0 319 10	20	36
0 319 13 / 2 008 11	38	36
0 319 16 / 2 008 12	38	53
0 319 19 / 2 008 13	38	53
0 319 20	74	53
0 319 21	74	53
0 319 22	20	22
0 319 25	38	22
0 319 28	20	36
0 319 29	38	45
0 319 30	38	45
0 319 32	38	45

### Temperature resistance

- operating (permanent use):  
from - 40 °C to + 85 °C  
from - 25 °C to + 60 °C for Cat.Nos 0 319 28/29/30/32
- operating (minimum): - 30 °C, 0 °C for Cat.Nos 0 319 28/29/30/32

### Resistance to external agents

Good resistance to bases, oils, greases, saline mist, oil products.  
Sensitive to acids

### Fire resistance

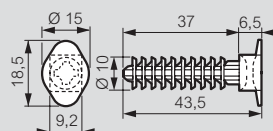
- Flame retardant
- Conform to UL 94 requirements, HB classification
- Needle-flame resistance according to IEC 60695-11-5
- Oxygen index (LOI) according to EN ISO 4589-1/ASTM D 2863-00: 20 %
- Halogen-free polyamide

### UV protected according to standard IEC 62275 type 1

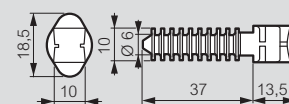
UV protected black cable ties for outdoor use  
These black cable ties have successfully undergone UV resistance and climatic ageing tests representing actual conditions of use  
These cycles combine 1000 hours' radiance under arc or xenon lamp according to ISO 4892-2 method 1

### Dimensions of accessories

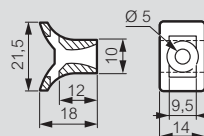
Réf. 0 319 55



Réf. 0 319 58



Réf. 0 319 50



Réf. 0 319 57

