

**EUROPEAN
STANDARD
SINCE 1963**



6

MAINTENANCE AND WORKSHOP



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INDEX

BALL JOINTS	329
COTTER PINS	330
CABLE TIES	331
TAPE	332
ASSORTMENT CASES	333
INSPECTION LIGHTS	334
TEST APPLIANCES	335

BALL JOINTS

Ball joint

With hexagonal nut and retaining spring. Type AS. DIN 71802.

Size

M 5 x 0,8
 M 6 x 1
 M 8 x 1,25
 M10 x 1,5
 M12 x 1,75
 M14 x 1,5
 M 5 x 0,8
 M 6 x 1
 M 8 x 1,25
 M10 x 1,5

Thread

right hand thread
 right hand thread
 right hand thread
 right hand thread
 right hand thread
 right hand thread
 left hand thread
 left hand thread
 left hand thread
 left hand thread

Part number

IT 1107A 05605
 IT 1107A 05606
 IT 1107A 05608
 IT 1107A 05610
 IT 1107A 05612
 IT 1107A 05614
 IT 1107A 05625
 IT 1107A 05626
 IT 1107A 05628
 IT 1107A 05630



Assortment

Right hand thread. This box contains a total of 31 ball joints.

Contents:

10 x IT 1107A 05605
 10 x IT 1107A 05606
 5 x IT 1107A 05608
 2 x IT 1107A 05610
 2 x IT 1107A 05612
 2 x IT 1107A 05614

Description

Assortment box ball joints

Part number

IT 1107A 05650



COTTER PINS

Cotter pin

Single

Size	Packing (pack)	Part number
2 mm Ø	100	08102
3 mm Ø	100	08103
4 mm Ø	100	08104
5 mm Ø	50	08105
6 mm Ø	25	08106
7 mm Ø	25	08107



Double

Size	Packing (pack)	Part number
2 mm Ø	100	08202
3 mm Ø	50	08203
4 mm Ø	25	08204
5 mm Ø	25	08205
6 mm Ø	20	08206
7 mm Ø	10	08207



Assortment

This box, with a transparent cover, contains a total of 300 single cotter pins.

Contents:

100 x 08102
 100 x 08103
 50 x 08104
 35 x 08105
 10 x 08106
 5 x 08107

Description

Assortment box

Part number

08150



Locking pin

Size	Packing (pack)	Part number
4,5 mm Ø	10	08304
6 mm Ø	10	08306
8 mm Ø	10	08308
10 mm Ø	10	08310
11 mm Ø	10	08311



CABLE TIES

Cable tie

Black

One-piece construction. Made of durable flexible nylon type PA66. Extremely strong and practically indestructible. Can be attached quickly and easily with or without tools. Temperature range -40°C - 105°C.

UV-resistant

Pulling strength:

2,5 t/m 3,2 mm	: 9 kg
3,6 mm	: 18 kg
4,8 mm	: 28 kg
7,8 mm	: 60 kg
12,5 mm	: 110 kg



Length	Width	Packing (pack)	Part number
98 mm	2,5 mm	100	38650
140 mm	3,6 mm	100	38651
160 mm	4,8 mm	100	38652
200 mm	3,6 mm	100	38653
200 mm	4,8 mm	100	38654
290 mm	4,8 mm	100	38658
300 mm	7,8 mm	100	38655
360 mm	4,8 mm	100	38657
365 mm	7,8 mm	100	38656
500 mm	12,5 mm	100	38659
540 mm	7,8 mm	100	38670

Transparent

One-piece construction. Made of durable flexible nylon type PA66. Extremely strong and practically indestructible. Can be attached quickly and easily with or without tools. Temperature range -40°C - 105°C.

Pulling strength:

2,5 t/m 3,2 mm	: 9 kg
3,6 mm	: 18 kg
4,8 mm	: 28 kg
7,6 mm	: 60 kg
12,7 mm	: 110 kg

Length	Width	Packing (pack)	Part number
98 mm	2,5 mm	100	38660
140 mm	3,6 mm	100	38661
160 mm	4,8 mm	100	38662
200 mm	3,6 mm	100	38663
200 mm	4,8 mm	100	38664
290 mm	4,8 mm	100	38668
300 mm	7,8 mm	100	38665
360 mm	4,8 mm	100	38667
365 mm	7,8 mm	100	38666
500 mm	12,5 mm	100	38669

TAPE

Tape

Double-sided foam tape

White, with acrylic adhesive layer. For securing various materials like PVC, glass and metal objects.

Temperature range : -40°C till +70°C
 Mounting temperature : +15°C and up
 Length : 50 or 66 m
 Thickness : 0,8 mm

Width	Length	Part number
19 mm	50 m	19995
25 mm	50 m	19996
50 mm	66 m	19997



Duct-tape

Polyethylene coated mesh, available in various colours. Rubber adhesive layer. For sealing of joints, fixing of cables, bundling or packaging.

Temperature range : -35 tot + 90 °C
 Length : 50 m
 Width : 50 mm
 Nominal thickness : 0,32 mm
 Stretch (longitudinal) : 20%

Colour	Length	Part number
Brown	50 m	19972
White	50 m	19974
Black	50 m	19973
Grey	50 m	19975
Red	50 m	19976
Green	50 m	19982
Blue	50 m	19983
Yellow	50 m	19984



Aluminium tape

Aluminium foil with acrylic adhesive layer. For sealing of joints of e.g. ventilation and heating pipes. Also suitable to protect electro-magnetic radiation and as a heat reflector.

Temperature range : -40°C till +130°C
 Mounting temperature : +15°C till + 30°C

Length : 50 m
 Width : 50 mm
 Thickness : 65 mu (micron)

Material	Length	Part number
Aluminium tape	50 m	19985



ASSORTMENT CASES

Assortment cases

Plastic with transparent cover and various fixed partitions. The size of the compartments can be determined as desired by means of separate partitions. Available in single- or double-sided version.

Single-sided

365 x 280 x 60 mm

Description

Assortment case
24 compartments

Part number

05761



Double-sided

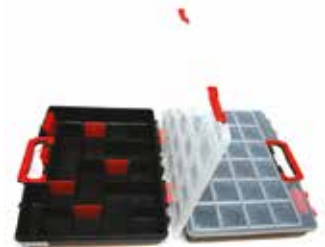
365 x 280 x 120 mm

Description

Assortment case
48 compartments

Part number

05762



INSPECTION LIGHTS

Inspection light

LED + UV

Wireless. With 30 LEDs for bright light. With UV Light function to detect fluorescent dyes which are used to detect leaks. With Multi-positioning head for directional lighting. Including 2 integrated hooks and magnet for handsfree usage. Works with Li-ion battery. Just 5 hours of charging time. Maximum operation time after recharging 6 hours in continuous use. Polycarbonate lens. Rechargeable using the included 220V adapter or 12V charging cable. Length 280 mm.

Description

Inspection light LED
Charging cable 12V

Part number

17173
17171



LED

Wireless. With 6 LEDs for bright light. Suitable for outside usage. Settings for low and high power. Torch function of high power. Including integrated hook, belt clip and magnet for handsfree usage. Works with Li-ion battery. Just 2,5 hours of charging time. Maximum operation time after recharging 8 hours in continuous use. Polycarbonate lens. Rechargeable using the included 220V adapter. Length 205 mm.

Description

Inspection light LED

Part number

17175



TEST APPLIANCES

Test plug

Test plug 5-pin ABS 24V

Suitable for 24 Volt. Plug fits all ABS sockets ISO 7638. TÜV approved. For testing the functions of the ABS system. Equipped with LED.

Description
Test plug

Part number
22341



Test plug 7-pin 12V

Plug fits only 12 Volt socket DIN 72577. Equipped with LED's.

Part number
22140



Test plug 7-pin with cable 12V

Plug fits only 12 Volt socket DIN 72577. Equipped with LED's.

Part number
22144



Test plug 7-pin 24V

Plug fits only 24 Volt socket ISO 1185, DIN 72579. Equipped with LED's.

Part number
22141



Test plug 7-pin with memory button 24V

Plug fits only 24 Volt socket ISO 1185, DIN 72579. Equipped with memory button for brake lights.

Part number
22141/M



Test plug 7-pin, for electro coil 24V

For testing the electro coil that is fitted with a 24 Volt plug ISO 1185, DIN 72579. Equipped with LED's.

Part number
22142



TEST APPLIANCES

Test plug

Test plug 13-pin 12V

Plug fits only 12 Volt socket ISO 11446, DIN 72570.
Equipped with LED's. With flexible adapter for easily reading the data.

Description
Test plug

Part number
22146



Adapter 13-pin test plug 12V

Suitable for use with testunit 22147, which enables the unit to also test systems with Multicon/West sockets and standard 7-pin sockets.

Description
Adapter

Part number
22139



Test unit

12V

Test unit for vehicles with or without CAN-bus system. With 20 m cable.

Plug
13-pin

Part number
22147



24V

Plug fits only 24 Volt socket ISO 12098, DIN 72570.
Suitable for vehicles with or without CAN-BUS/electronic control system.

Plug	Cable length
15-pin	0,8 m
15-pin	20,0 m

Part number
22342
22343



Test unit 7-pin 12/24V

Operates on 220 Volt. Suitable for 12 and 24 Volt vehicles. With this test unit, the lighting of a trailer or a semitrailer can be put on. Protected with a thermal fuse in the 12 and 24 volt system. A fuse is fitted in the 220 volt connection, which also contains a spare fuse.

Dimension : 300 x 250 x 135 mm

Description
Test unit for conventional lighting
Test unit for LED
Fuse 2 Amp. slow
Automatic fuse 6A
Automatic fuse 7A

Part number
22143
22148
22145
22138
22135



Test unit

Test unit 7-pin/15-pin 24V

Operates on 220 Volt. Suitable for 24V vehicles. Fitted with 7-terminal socket, ISO 1185, and 15-pin socket, ISO 12098

Testing trailer or semitrailer:

Connect the cable to the socket and position the switch of the relevant function to the right.

Testing trucks:

Connect the cable to the socket and position the switches to the left.

The relevant diode will light up when, for example, the lighting is switched on.

Dimension : 300 x 250 x 135 mm

Description

Test unit complete

Part number

22149



