Issue 5

DoppelMayr

Tool Catalog

From useful to indispensable



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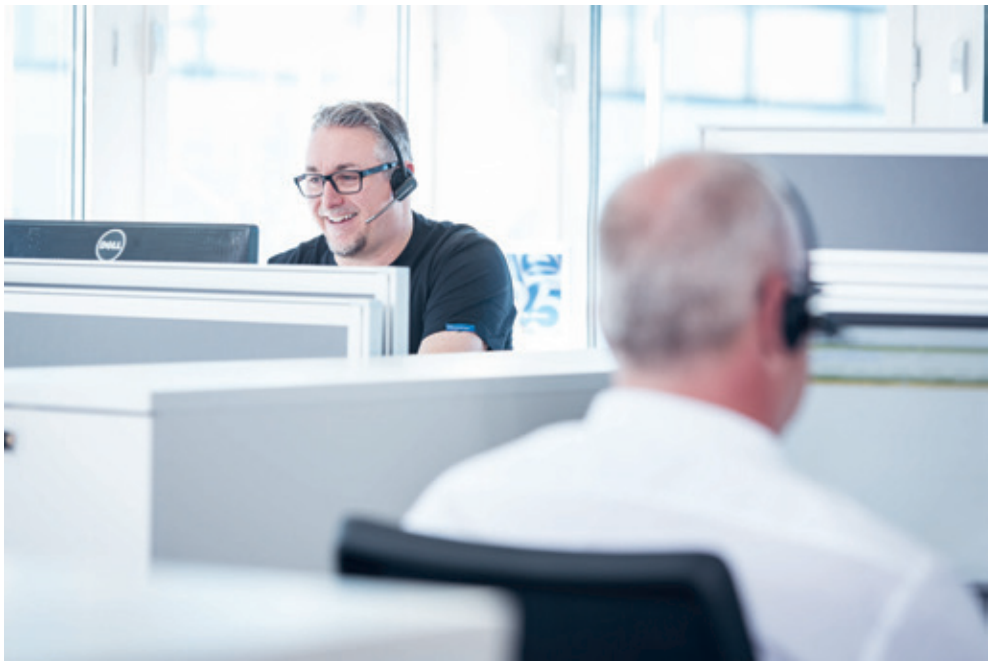
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Carriers



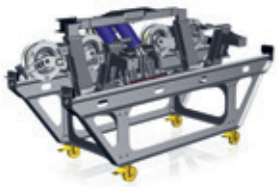




Mounting clamp for rubber bumpers

For slackening and disassembling the rubber bumpers.

Model	ID number
Slackening the rubber bumpers:	
for chairs 4E98, 6E98	**10284182**
for chair 8E98	**11260475**
Replacing the rubber elements:	
for chairs 4E98, 6E98	**10888087**
for chair 8E98	**11083109**



Maintenance carrier for 3S carriage

For maintenance work on the 3S carriage.

Model	ID number
Maintenance carrier	**11359875**



Installation aid for restraining bar support

For quick and correct installation of the restraining bar support on chair models with a central foot rest.

Model	ID number
for chairs 8CS10, 8E98/FM, 8E98/FMV	**11394710**



Measuring device for door closing force

For measuring the closing force of cabin doors.

Model	ID number
Basic	**11312797**
Premium	**11246911**



Assembly tool for elastic buffers

For replacing the elastic buffers of the chair suspension.

Model	ID number
for chairs 4E, 4E95, 4E98	**10312067**
for chairs 6E, 6E95	**10344443**
for chair 6E98/A	**10344805**





Assembly tool for rubber bumpers

For replacing the rubber bumpers on the hanger arm of the chair suspension.

Model	ID number
for chair 4E98	**10664428**
for chair 6E98	**10576068**





Water tank

Simplifies the execution of loading tests and brake tests. The loading weight is simulated using water.

Note: The water tank is supplied without filling hose and filling tap.











Model	ID number
Water tank for chairs:	
2-seater chair, payload 190 kg	**10405458**
4-seater chair, payload 380 kg	**10405459**
6-seater chair, payload 570 kg	**10405460**
Water tank for cabins:	
8-passenger cabin, 640 kg	**10542532**
10-passenger cabin, 800 kg	**11423949**

Accessories	
Filling tap for water tank (Camlock quick-fit coupling)	**10488178**
Filling tap system with quick-fit coupling, Camlock / Camlock	**11424242**
Filling hose for cabin, length 1.2 m, with Camlock quick-fit coupling	**11424236**
Filling hose for chair, length 0.5 m, with Camlock quick-fit coupling	**10487508**
Distribution fitting Camlock filling T FLEX	**12007988**



Protective seat cover

For protection against rain, snow, and UV radiation during longer standstill periods. Prevents premature aging of the seat and back cushions.

Model	ID number
Folded-up seat surface:	
for chair 2E, color: gray	**10986486**
for chair 2E, color: black	**11422638**
for chair 4E98, color: blue	**10520383**
for chair 6E98, color: blue	**10520394**
for chair 6CS10, color: blue	**11351442**
Folded-down backrest:	
for chair 4E98, color: blue	**10520397**
for chair 4E98/FM, color: blue	**11140778**
for chair 6E98/FM(V), color: blue	**11168093**

Transport frame for chair



Frame with steering and stop function for chairs.

Model	ID number
For 4-seater chair	**10947238**
For 6-seater chair	**10946901**
For 8-seater chair	**10947204**

Chair suspension hook for workshop



For suspension of the carrier in the parking area workshop.

Note: The tool is not suitable for station workshops.

Model	ID number
for 4-seater chair	**10365591**
for 6-seater and 8-seater chairs	**10365891**

Tool for rubber-metal bushings



For assembly and disassembly of the rubber-metal bushing.

Model	ID number
for assembly, with chair 8E98/B	**10333769**
for disassembly, with chair 8E98/B	**10333745**



Cleaning kit for chair and cabin

For cleaning chairs, plastic parts, and polycarbonate panes (bubbles and cabin window panes).

Model	ID number
Cleaning kit, contents: various cleaning agents, brushes, and microfiber cloths	**12020511**

Accessories	
Storage box	**12020510**
Spray extraction cleaner	**12013677**



Pliers for tensioning the torsion bar spring

For tensioning the torsion bar springs of the restraining bar bearing assembly.

Model	ID number
for chair 2E – right	**11452412**
for chair 2E – left	**11453931**



Tensioning tool for compression springs

For relieving the compression springs of the suspension.

Model	ID number
For 6-seater chair, model E98 with bubble	**10422514**
For 8-seater chair, model E98 with bubble	**10370326**

Suspended scales



For measuring the compression force of restraining bar and bubble springs.

Model	ID number
Digital suspended scales, maximum weight: 50 kg	**11432659**

Tensioning tool



Simplifies adjustment of the bubble torsion spring for the torsion spring pretensioning.

Model	ID number
for 4- and 6-seater chair, model E98 with bubble	**10283375**

Sickle spanner



For adjusting and readjusting the interlock and the bearing play of the remote actuator.

Model	ID number
for nut outer diameter 30 to 32 mm	**10021846**
for nut outer diameter 45 to 50 mm	**10016757**

Tool for sealing nut



For opening and closing the sealing nut (Meflex) on the Bowden cable.

Model	ID number
Tool for sealing nut M20x1	**11413718**
Sealing nut (Meflex)	**11688842**



Removal aid for restraining bar bearing

Facilitates the removal of the radial spherical plain bearings of the restraining bars on the chairs (E98 and CS10).

Model	ID number
for radial spherical plain bearing GE06	**11512934**
for radial spherical plain bearing GE08	**10990047**
for radial spherical plain bearing GE10	**10990049**

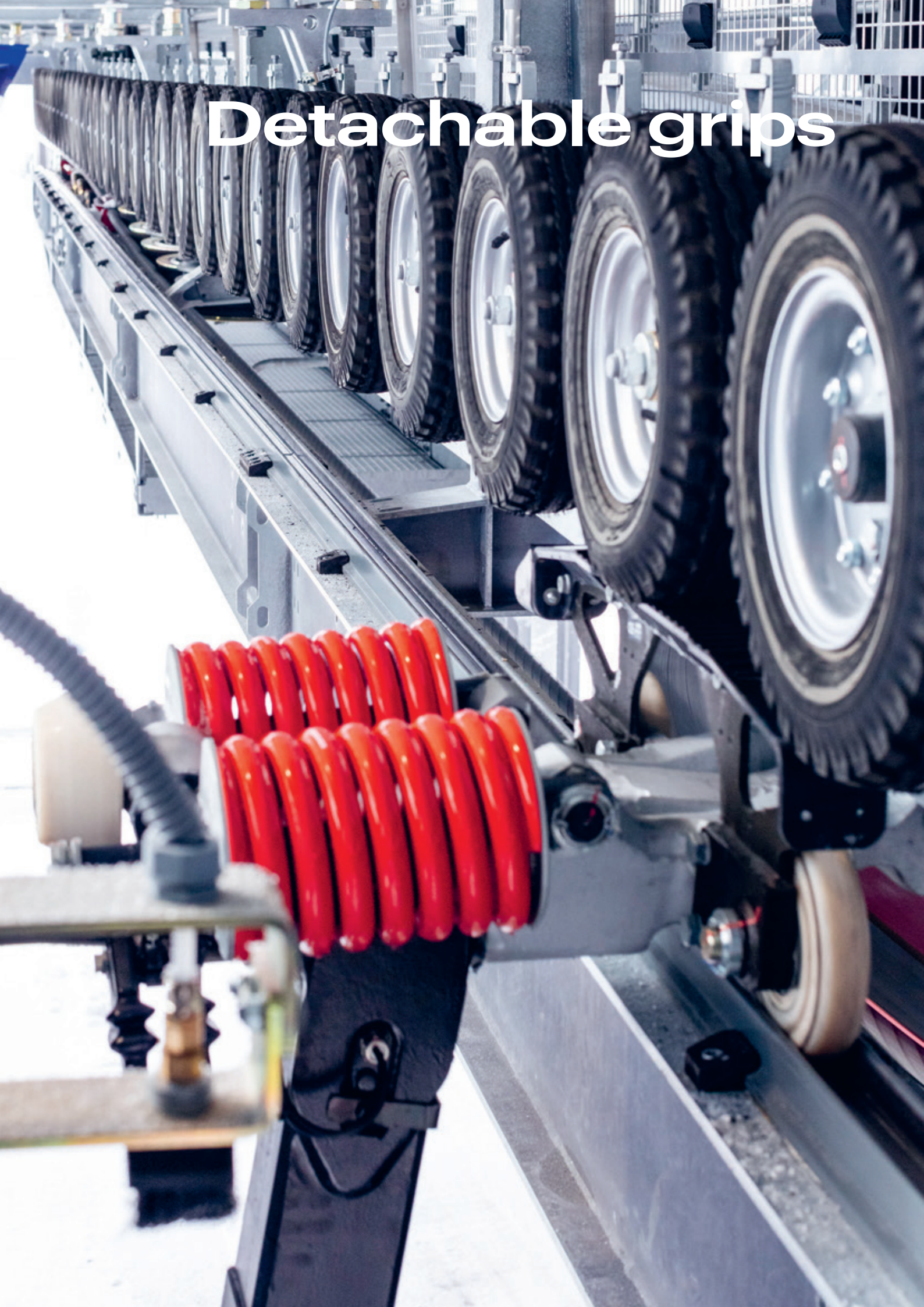


Suspension carrier Loan tool

Serves as a grip replacement to park the carrier in the parking area rail during maintenance work.

Model	ID number
AGA grip	
For detachable grip A104	**10864689**
For detachable grip A108	**10864691**
DT grip	
For detachable grip DT104	**10217864**
For detachable grip DT106	**10220562**
For detachable grip DT108	**10220563**
DS grip	
For detachable grip DS104	**10220536**
for detachable grips DS106, DS108, DS118	**10220537**
for detachable grip DS112	**10402687**
D grip	
For detachable grip D1000	**11427038**
For detachable grip D3000	**11427035**
For detachable grip D5000	**11371518**

Detachable grips



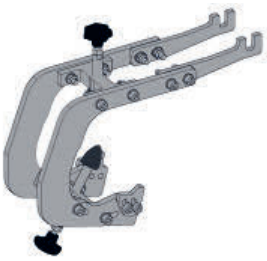
Detachable grips



Tensioning unit for test spring assembly DT106/108

Serves as an assembly stand for the test spring assembly during maintenance work.

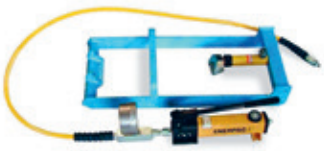
Model	ID number
Tensioning unit for test spring assembly DT106/108	**10164382**



Grip tool DT106

For lubricating the DT106 grips with funnel grease nipple in the fixed grip jaw.

Model	ID number
Grip tool DT106	**12109616**



Measuring tool for secondary thrust spring

For the mechanical grip force test (GFT) of detachable grips.

Note: The hand pump is not included in the scope of delivery.

Model	ID number
for DT106 GFT and DT108 GFT up to year of manufacture 1996	**10178738**
for DT106 GFT and DT108 GFT from year of manufacture 1996 onwards	**10189829**



Opening tool on the haul rope

For opening the grip on the haul rope, for example if the carrier is to be taken off the haul rope before the station.

Model	ID number
for DT104	**10255524**
for DT106, DT108	**11200881**
for A108	**11575449**
for D3000, D5000	**11278778**





Opening tool for inspection work

For opening and closing the grips during inspection work.

Model	ID number
for DT104 (cylinder with hand pump kit)	**10110961**
for DT106, DT108 (cylinder with hand pump kit)	**11200881**

Accessories	
Clamping mechanism for DT104	**10222160**
Clamping mechanism for DT106, DT108	**10222441**
Clamping mechanism for DT215	**10799741**





Pull force testing device

For testing the pull force of detachable grips on the rope and on the test rod for pull test.

Model	ID number
Detachable grip A104	
for rope diameter 38 mm, pull force 25 kN	**10640488**
for rope diameter 41 mm, pull force 25 kN	**10640494**
for rope diameter 42 mm, pull force 25 kN	**10640497**
for rope diameter 45 mm, pull force 25 kN	**10640503**
for rope diameter 46 mm, pull force 25 kN	**10585616**
Detachable grip DT104	
for rope diameter 34 mm, pull force 25 kN	**10640457**
for rope diameter 35 mm, pull force 25 kN	**10640460**
for rope diameter 36 mm, pull force 25 kN	**10640462**
for rope diameter 38 mm, pull force 25 kN	**10640487**
for rope diameter 39 mm, pull force 25 kN	**10640490**
for rope diameter 41 mm, pull force 25 kN	**10640493**
for rope diameter 43 mm, pull force 25 kN	**10640498**
for rope diameter 45 mm, pull force 25 kN	**10640502**
Detachable grips DT106 and A104-C	
for rope diameter 38 mm, pull force 35 kN	**10323079**
for rope diameter 41 mm, pull force 35 kN	**10323080**
for rope diameter 43 mm, pull force 35 kN	**10323081**
for rope diameter 44 mm, pull force 35 kN	**10323082**
for rope diameter 45 mm, pull force 35 kN	**10323083**
for rope diameter 46 mm, pull force 35 kN	**10620396**
for rope diameter 47 mm, pull force 35 kN	**10323084**

Detachable grips

Detachable grips DT108 and A108-C

for rope diameter 41 mm, pull force 35 kN	**10323085**
for rope diameter 43 mm, pull force 35 kN	**10323086**
for rope diameter 44 mm, pull force 35 kN	**10376976**
for rope diameter 45 mm, pull force 35 kN	**10323087**
for rope diameter 46 mm, pull force 35 kN	**10386484**
for rope diameter 47 mm, pull force 35 kN	**10323088**
for rope diameter 48 mm, pull force 35 kN	**10323089**
for rope diameter 50 mm, pull force 35 kN	**10323090**
for rope diameter 52 mm, pull force 35 kN	**10323091**
for rope diameter 54 mm, pull force 35 kN	**10323092**
for rope diameter 56 mm, pull force 35 kN	**10323093**
for rope diameter 58 mm, pull force 45 kN	**11110031**

Detachable grip D3000

Pull force testing device D3000	**11526105**

Detachable grip D5000

Pull force testing device D5000	**11422068**

Accessories

Force gauge 0 to 60 kN	**10007048**

Set of grip channel gauges



For checking the geometry of the grip channel.

Model	ID number
for grip channel Ø 34 to 64 mm (only available as a set)	**11800402**

Mounting device for grip bushings



Assembly fixture and accessories for detachable grips.

Model	ID number
Basic equipment for all grips (incl. D-Line)	**11540732**

Accessories

Grip bushings DS104, DS108, DS118	**10898170**
Grip bushings A104, A108	**10898172**
Grip bushings DT104, DT106, DT108	**10898171**
Grip bushings D3000	**11540750**
Grip bushings D5000	**11540749**



Mounting device for bearing replacement

For replacing the bearings for guide rollers, grip operating rollers, and running wheels.

Model	ID number
Assembly fixture for bearing replacement for DS, DT, AGA, D grips	**10458666**

Hanger axle protection



For protecting the bushings in the hanger head when inserting the grip.

Model	ID number
for grips A104-C and A108-C	**10641076**
for grip DT104G	**10387849**
for grip DT104	**10244640**
for grips DT106 and DT108	**10244661**
for grips D3000 and D5000	**11491045**

Socket for grooved nut

For opening and closing the grooved nuts on the running wheels, grip operating rollers, and guide rollers of DT and D grips.

Model	ID number
for grooved nut M24x1.5	**10946942**
for grooved nut M28x1.5	**10947146**

Surface lifts



Melting tube



For removing the fused-on towing rope ends when replacing the springbox.

Model	ID number
for towing rope Ø 5 mm	**10022845**
for towing rope Ø 6 mm	**10022844**

Knot tightener



For tightening the towing rope knots. The tool can be bolted onto the workbench.

Model	ID number
Knot tightener	**10232173**

Pull-in sleeve for towing rope knot



For protecting the knot end when pulling it into the rubber bumper.

Model	ID number
for springbox 644	**10216064**

Repositioning tool for fixed grips



For relocating the surface lift grips with the installed spring pack.

Model	ID number
for grips S70A, S70B, ANRV, BCNRV, mechanical	**10189728**
for grips DS14/TC14/QC18, hydraulic	**10393546**
for grip FG2, hydraulic	**10757005**



Pressing tool for towing rods

For pressing old or new towing rods out of or into the cross member.

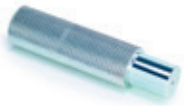
Model	ID number
Pressing tool incl. drilling template for surface lift T-bar	**11142852**



Hanger head wear gauge

For easy measurement of the wear on the hanger head of towing units.

Model	ID number
for towing unit	**11084928**



Mandrel for hanger head bushings

For replacing the hanger head bushings on towing rods.

Model	ID number
for hanger head bushings OA and BC	**10989498**



Pretension measuring device

For measuring the belt pretension on the drive.

Model	ID number
for measuring range 150-600 N	**10615273**



Hydraulic assembly fixture for rubber liners

For quick and easy replacement of rubber liners.

Model	ID number
for type A-C and C-C	**10148439**
for type OE-C	**10148438**



Rope lifter

For lifting the haul rope from sheave assembly rockers, entrance sheave assemblies, and deflection sheave assemblies.

Model	ID number
for sheave assembly with rope catching device - type OE and AC	**10013038**
for sheave assembly type OE	**10106269**



Assembly aid for sheave axles

For removing and installing sheave axles.

Model	ID number
for sheave type OE/A	**10012992**
for sheave type C	**10020442**

Tool for grinding out brake liners



For circular grinding out of the brake liners.

Model	ID number
for springbox type 1 ES liners	
Grinding tool	**10053826**
Clamping ring	**10620418**
for springbox type 2 WN liners	
Grinding tool	**11415358**
Clamping ring	**10621654**

Device for winding the retraction spring



For winding the built-in spring with the housing open.

Model	ID number
Device for winding the retraction spring, suitable for all types of retraction springs from Doppelmayr	**10022855**

Accessories	
Spring oil 1 liter	**11248052**

Hand reamer



For reaming the bushing during grip shaft assembly.

Model	ID number
for Ø 32 mm	**10811870**



Key for band brake

For adjusting the band brake, for example after replacing the spring.

Model	ID number
for springbox type 2 MTN	**10053824**

Line and sheave assemblies







Hydraulic assembly fixture for rubber liners

For quick and easy replacement of rubber liners.

Model	ID number
for sheaves 400, 401, 401C, 403, 420C, 500, 501, 501C and for friction sheaves	
380-400 V / 50 Hz	**10535144**
440-480 V / 60 Hz	**10763906**
120-240 V / 60 Hz	**11445317**
for sheaves 420C, 501C, 550C and for friction sheaves	
380-400 V / 50 Hz	**11400587**
440-480 V / 60 Hz	**11675644**
for 3S sheaves 550, 501, carriage wheels	
380-400 V / 50 Hz	**11400565**

Accessories	
Electrical lifting crane	**11115841**



Break fork puller

For easy pulling of break forks.

Model	ID number
Suitable for all break forks	**11439891**





Setting gauges

For setting the RPD switches and break fork switch actuating gauges of the various sheave assembly types.

Model	ID number
Break fork switch	
Actuating gauge 401C	**10561972**
Actuating gauges 501C/420C	**12178255**
Actuating gauges 501CS/550C	**11473463**

RPD switch

for sheave assembly type 401C	**10535990**
for sheave assembly type 420C	**10535996**
for sheave assembly type 501C	**10536001**
for sheave assembly type 550C	**11466814**

RPD Nexo switch

for sheave assembly type 401C - hold-down sheave assembly	**11571263**
for sheave assembly type 401C - support sheave assembly	**11571140**
for sheave assembly type 420C	**11570484**
for sheave assembly type 501C	**11570623**
for sheave assembly type 501CS	**11572120**
for sheave assembly type 550C	**11570180**

RPD Nexo switch - sensor sheaves

for sensor sheave (hold-down) type 401C	**11571263**
for sensor sheave (hold-down) type 420C	**11572540**
for sensor sheave (hold-down) type 501CS	**11777834**

Accessories

RPD Nexo calibrating gauge	**11735874**



Assembly aid for sheave axles

For removing and installing sheave axles.

Model	ID number
for sheave type 400 - Ø 24 mm	**10012991**
for sheave type 401C, 420C - Ø 24 mm	**10532316**
for sheave type 500 - Ø 29 mm	**10018203**
for sheave type 501C - Ø 29 mm	**10532343**



Attachment point for anchor bolts

The attachment point can be screwed onto the existing anchor bolts of the tower foundation. Steel cables, sheaves, etc., can be attached to the attachment point, for example for lifting and lowering sheave assemblies.

Model	ID number
for anchor bolts M26, payload: 5 t	**10584690**
for anchor bolts M36, payload: 5 t	**10584691**
for anchor bolts M49, payload: 5 t	**10584692**



Turning tool for sheave assembly axles

For easy turning of the sheave assembly axles.

Model	ID number
Installations before CEN	
for sheave axle Ø 50 mm	**10388841**
for sheave axle Ø 60 to 70 mm	**10388825**
for sheave axle Ø 80 mm	**10388806**
for sheave axle Ø 90 mm	**10388931**
for sheave axle Ø 100 mm	**10388932**
Installations after CEN	
for sheave axle Ø 50 to 55 mm	**10743378**
for sheave axle Ø 60 to 70 mm	**10388825**
for sheave axle Ø 70 to 75 mm	**10743346**
for sheave axle Ø 80 to 85 mm	**10743412**
for sheave axle Ø 90 mm	**10388931**
for sheave axle Ø 90 to 100 mm	**10743439**



Wear gauge

For quick and easy measurement of rubber liner wear on sheaves.

Model	ID number
for sheaves OE-C	**11067816**
for sheaves AC-C	**11067788**
for sheaves 401C	**11067767**
for sheaves 403	**11067708**
for sheaves 420C	**11067761**
for sheaves 501, 501C	**10557373**
for sheaves 550C	**11557490**



Adjustment kit for sheave assemblies

For lifting sheave assemblies when adjusting on the tower yoke.

Model	ID number
Complete adjustment kit, hydraulic	**12201767**
Complete adjustment kit, mechanical	**11644450**



Rope lifter

For safely lifting the haul rope. The rope lifter is attached to the lifting device. The plastic insert protects the haul rope from damage.

Model	ID number
for ropes up to Ø 60 mm, load capacity 60 kN	**10119798**
for ropes up to Ø 64 mm, load capacity 100 kN	**11463121**



Hydraulic rope lifter with power unit

For hydraulically lifting the haul rope from sheave assemblies.

The power supply and hydraulic pump remain in the assembly bail. The pull cylinder is suspended from the rope lifting frame. The haul rope can then be comfortably raised and lowered by means of a wired remote actuator.

Model	ID number
Hydraulic unit 220 bar, 12 V battery, without charger	**11859612**
Hydraulic unit 250 bar, 12 V battery, with charger	**11416046**



Accessories	
Pull cylinder, pulling force 50 kN, stroke 500 mm	**11416048**
Pull cylinder, pulling force 100 kN, stroke 360 mm	**11874334**
Pull cylinder, pulling force 100 kN, stroke 500 mm	**11874335**
Pull cylinder, pulling force 100 kN, stroke 600 mm	**11416047**
Twin hose reel, length 13 m, automatic retraction	**11874336**

Rope lifter for sheave assembly rockers



For quickly lifting the haul rope from 2-sheave rockers, e.g. for replacing the sheaves. Eliminates the need to lift the haul rope with lifting equipment.

Model	ID number
for sheave assembly type 401	**10119337**
for sheave assembly type 501	**10535100**
for sheave assembly types 501CS, 550C	**11561272**

Hydraulic rope lifter for sheave assembly rockers





For lifting the haul rope from 2-sheave rockers. Eliminates the need to lift the haul rope with lifting equipment.

Model	ID number
for sheave assembly types 401, 401C, 403, 420C, 501, 501C	**11479419**
for sheave assembly types 501CS, 550C	**11477041**

Lifting jack



For lifting and lowering sheaves.

Note: The jack can only be used in conjunction with the rope lifter for sheave assembly rocker.

Model	ID number
for support sheave assembly types 401C, 420C and 501C	**11494311**
for support sheave assembly types 501CS, 550C	**11574821**

Accessories	
Adapter bracket for hold-down sheave assembly and combined sheave assembly type 420C	**10584926**
Adapter bracket for hold-down sheave assembly and combined sheave assembly types 501CS and 550C	**11585965**



Sheave lifter for combined sheave assemblies

For spreading the swivel arms of combined sheave assemblies.

Model	ID number
for combined sheave assembly types 401C, 420C, 420CV	**10759981**
for combined sheave assembly types 501CS, 550C	**11459600**





Anchor bolt pretensioning device Loan tool

For hydraulically pretensioning the tower anchors.

Model	ID number
Complete anchor bolt pretensioning device, for anchors: M27x2, M37x3	**10417024**
Complete anchor bolt pretensioning device, for anchors: M36x4, M37x3, M48x5, M49x3	**11118906**
Complete anchor bolt pretensioning device, for anchors: M49x3	**10417027**
High-pressure pump with hose only, 1,600 bar	**10290511**

Accessories	
Anchor tensioning tool M36x4	**80085361**
Anchor tensioning tool M48x5	**10649814**
Anchor tensioning tool M49x3	**10290512**
Anchor tensioning tool M72x3	**11324817**







Tool for bushing and bearing replacement Loan tool

Facilitates changing bearings on sheave assemblies, and cabin and chair hanger arms.

Model	ID number
Tool for bushing and bearing replacement	**10572111**

Accessories	
Set for sheave 550C	**11796191**
Set for sheave 550-3S	**11796192**

Hydraulic and drive system





Pinion adjustment tool for hydraulic motor

For adjusting the tooth position of the hydraulic motor (Poclain).

Model	ID number
Wrench for pinion adjustment (key with socket)	**10422779**







Refill and testing device

For filling and checking all types of hydraulic accumulators.

Model	ID number
Filling and testing device set	**11826384**

Accessories	
Adapter A2	**10739623**
Adapter G2	**10371117**
Adapter G3	**10422170**
Adapter G4	**10261750**
Adapter G10	**10895317**
Protective case	**10261749**



Wrench for chain coupling

For opening and closing the chain coupling on the bullwheel.

Model	ID number
Wrench for chain coupling	**10015965**



Pressure gauge set

For measuring the hydraulic pressure of hydraulic systems.

Model	ID number
Pressure gauge set, contents: Various pressure gauges (40, 250, 600 bar) with test hose	**10688735**



Ring-type wrench for emergency brake cylinder

For opening the hydraulic cylinders of the emergency brakes (e.g. seal replacement).

Model	ID number
Wrench for emergency brake cylinder	**10116126**

Accessories

Accessories/spare parts: gasket set for emergency brake cylinder	**10019334**



Tool kit for seals

For assembling and disassembling hydraulic and pneumatic seals.

Model	ID number
5-piece set	**11510321**



Tool kit for O-rings

For assembling and disassembling O-rings.

Model	ID number
5-piece set	**11510320**



SPM measuring device

For carrying out bearing condition analyses and vibration measurements on rotating machine parts with roller bearings (electric motors, bullwheel bearing assemblies, etc.).

Model	ID number
SPM measuring device incl. charger, carrying bag, transducer with quick-fit coupling, mini coax connection and measuring cable SPM mini coax/ slip-on	**11536090**



Filtration unit Loan tool

For filling and draining all hydraulic fluid and gearbox oils.

Model	ID number
for 120 V / 60 Hz, incl. hoses and accessories	**10629356**
for 230 V / 50 Hz, incl. hoses and accessories	**10688130**
for 380 - 480 V / 50 - 60 Hz, incl. hoses and accessories	**10444536**



Accessories	
Filter element 5 µm	**10311398**
Filter element 10 µm	**10117555**



Press-in tool for bullwheel liner Loan tool

For pressing in the rubber liner on bullwheels.

Model	ID number
Press-in tool for bullwheel liner	**10436397**



Accessories	
Assembly paste 10 kg	**10524235**
Adapter for surface lift bullwheels	**10436961**
Impact tool for driving in the bullwheel liner	**11183398**



Milling tool for bullwheel liner Loan tool

For easier disassembly of the bullwheel liner on bullwheels.

Model	ID number
Milling tool for bullwheel liner	**11415373**

Stations



Pretension measuring device



For measuring the belt pretension on tire conveyors and power take-off drives.

Model	ID number
for measuring range 500 to 1400 N	**10212153**
for measuring range 1300 to 3100 N	**10430410**
for measuring range AC 1 to 16 Hz, EM 6 to 600 Hz (frequency measuring device for D-Line)	**11518341**

Open-end wrench for proximity switches



For assembling and disassembling proximity switches.

Model	ID number
Open-end wrench, width across flats 60	**10694452**

V-belt tensioning tool





For re-tensioning the V-belts of the tire conveyor for installations of types UNI and UNI-G.

Model	ID number
Tensioning tool	**10689732**

Accessories	
Adjustment tool for parallel adjustment of the tire bearing assemblies (UNI and UNI-G)	**11155135**



Setting gauge for power take-off drive

For checking the alignment of friction sheaves with the tire conveyor.

Model	ID number
Setting gauge	**10795350**



Rope lifter for entrance sheave assembly

For lifting the haul rope from entrance sheave assemblies.

Model	ID number
for UNI-G	**11183638**
for D-Line	**12049697**



Rope lifter for horizontal guide sheaves

For lifting the haul rope from horizontal guide sheaves.

Model	ID number
for UNI-G	**10557974**
for D-Line	**11379202**

Rope lifter





For lifting the haul rope from deflection sheaves and friction sheaves.

Model	ID number
UNI, UNI-G:	
for vertical deflection sheaves (not for 15-MGD)	**10365321**
for vertical deflection sheaves (only for 15-MGD)	**10386379**
for horizontal deflection sheaves without rocker	**10108623**
for horizontal deflection sheaves with rocker	**10628172**
D-Line:	
for vertical deflection sheaves	**11702087**
for horizontal deflection sheaves	**11484111**

Tire mounting device



For disassembling and assembling tires and hoses for station tires.

Model	ID number
Tire mounting device, for 380 - 400 V / 50 Hz	**10535161**
Tire mounting device, for 440 - 480 V / 60 Hz	**11244097**

Accessories	
Mounting paste 10 kg	**10524235**

Tire mounting device for 3S



For disassembling and assembling tires and hoses for station tires.

Model	ID number
for 3S station tires	**11793173**

Accessories	
Mounting paste 10 kg	**10524235**



Measuring tool for grip opening/closing line alignment

Can be adapted for UNI stations after consultation with Technical Customer Support. A new grip opening/closing line report must then be created together with Doppelmayr.

Model	ID number
AGA grip - UNI and UNI-G	
for grip type A104C	**10724667**
for grip type A104G	**10515437**
for grip type A108C	**10724580**
DT grip - UNI and UNI-G	
for grip type DT104	**10939324**
for grip type DT104G	**10515434**
for grip type DT106, DT108	**10515435**
for grip type DT215	**10515436**
D grip - D-Line	
for grip type D3000	**11548965**
for grip type D5000	**11549018**

Accessories	
Information sign for grip opening/closing line measuring point 1	**11506295**
Information sign for grip opening/closing line measuring point 2	**11506296**
Information sign for grip opening/closing line measuring point 3	**11506297**
Information sign for grip opening/closing line measuring point 4	**11506298**



Manual actuation of motors

Model	ID number
for straight switch rails (D-Line)	**10693219**
for curved section switch rails/parallel switch rails (D-Line)	**11724324**
for weather door (D-Line and UNI-G)	**11611411**





Manual actuation for quick action switch rail

Model	ID number
Hand crank	**11632610**
Tool for grooved nut	**10667178**



Grip force calibrator

Model	ID number
for grip type D (D-Line)	**11724053**
for grip type DT (UNI-G)	**10366124**
for grip type AGA (UNI-G)	**10366305**
Plastic plate for setting the proximity switches (UNI-G and D-Line)	**10410778**



Belt tensioner (for UNI-G)

For quickly re-tensioning individual V-belts of the tire conveyor, if the tension has decreased during operation.

Note: The tool is only suitable as a temporary solution.

Model	ID number
V-belt tensioner – 0 degree	**10413477**



Lifting crane for friction sheaves

Assembly aid for handling friction sheaves.

Note: The tool can be used in the entire station area, no roof steel structure is necessary.

Model	ID number
for friction sheave type 550 (D-Line)	**11823501**



Lubricator

For lubricating the grip operating rollers and guide rollers to reduce the wear on the rollers.

Model	ID number
for DS grip - UNI	
for DS104 (grip operating roller only), power supply: battery	**11541318**
for DS108 (grip operating roller only), power supply: battery	**11454304**
for DT grip - UNI	
for DT104 - DT108, power supply: external	**11909797**
for DT104 - DT108, power supply: battery	**11909768**
for DT grip - UNI-G	
for DT104G - DT108, power supply: external	**11163841**
for DT104G - DT108, power supply: battery	**11250132**
for AGA grip - UNI-G	
for A104 - A108, power supply: external	**11167658**
for A104 - A108, power supply: battery	**11250142**

Accessories	
Refill cartridge 250 ml	**10867102**



Maintenance platform

For cleaning UNI-G station roofs.

Note: Can also be retrofitted for older installations after consultation with Technical Customer Support.



Model	ID number
Maintenance platform	**10948119**

Accessories	
Snow beater for the window panes, telescopic bar 102-185 cm	**11101822**

Servicing tool for UNI-G clutch/brake combination

For removing and overhauling the clutch/brake combination.

Model	ID number
Servicing tool for clutch/brake combination, contents: special ring wrench for clutch, feeler gauge, pull-off tool with bolted connection	**10753195**



Assembly platform

For inspection work at stations of detachable monocable aerial ropeways. The assembly platform is inserted into the running rails and outer guide rails and simplifies work.

Model	ID number
Assembly platform for all station types (except DS)	**11532988**



Unlocking rod

For manually unlocking and locking the carrier on the remote actuator.

Model	ID number
Length 2.8 m	**11453606**
Length 3.0 m	**11453607**
Length 4.3 m	**11689135**
Length 5.6 m	**11630957**



Electronic distance meter

For measuring the gauge on the towers and adjusting the friction sheaves in the stations.

Model	ID number
Electronic distance meter	11434846



Socket wrench insert bit

For tightening the Halfen bolts on tire bearing assemblies.

Model	ID number
Socket wrench insert bit 3/4", long	10012714



Plastic clip

For checking the rope gauges in the stations.

Model	ID number
for rope diameter 38 to 45 mm	10407674
for rope diameter 45 to 56 mm	10407673
for rope diameter 56 to 64 mm	11403218



Automatic pull force measuring device (D-Line)

For automatically measuring the pull force of the detachable grips in the station. The pull force measuring device is mounted on the first suspension bracket on the outgoing side of the tensioning station. After installation, the position monitoring unit must be integrated into the controls.

Note: The tool is only suitable for D-Line installations.

Model	ID number
Please consult Technical Customer Support before ordering.	

Electrical equipment



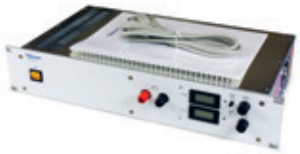


Toolbox – electrical equipment

Model	ID number
Toolbox, contents: crimping pliers (0.5-6.0 /0.14-6.0/6.0-16.0 mm²), wire stripper, cable cutters, combination pliers, needle-nose pliers, side cutters, slip joint pliers, flat-bladed screwdriver, Phillips screwdriver, bit set (35 pieces), cable knife, open-end wrench with ring ratchet (wrench sizes 10, 13, 17, 19), tape measure, metal saw bow, Allen key set, cross peen hammer	**10551570**

Accessories	
VDE screwdriver set with interchangeable blades (16 pieces)	**11519056**
Bit set (35 pieces), incl. ratchet	**11986364**

Charger for frequency converter



For charging DC link capacitors of frequency converters.

Model	ID number
DC link charger, complete set	**11859578**



Accessories	
Power supply unit	**11130099**
Set of cables	**11411317**
Storage case	**12182188**

Laser alignment aid



Model	ID number
Alignment aid for light barriers	**11161498**



RPD Nexo diagnostic device

For diagnosing RPD Nexo sensors: line voltage DC, FSS signal, LSB signal.

Model	ID number
RPD Nexo diagnostic device	**11787013**



RPD Nexo USB adapter

For computer-aided diagnosis of RPD Nexo sensors.

Model	ID number
RPD Nexo USB adapter	**11787012**



RPD signal test - test box

Model	ID number
RPD signal test - test box	**10793468**



Oscilloscope

Also suitable for troubleshooting for RPD.

Model	ID number
Oscilloscope	**11235022**



Multifunctional testing device

Model	ID number
Multifunctional testing device	11417356



Multimeter

Model	ID number
Digital multimeter	10868785



Insulation measuring device

Model	ID number
Insulation measuring device	11515923



Revolution counter

Model	ID number
Manual revolution counter, contactless	11310129

Current clamp



Model	ID number
DC-AC current probe, 100 to 1000 A	**11419548**

Cable tester



Model	ID number
Universal cable tester	**11540375**
Cable tester for fiber-optic cables	**11540401**

Remote maintenance case



For programming CPUs, evaluating F-Stack and for online connection to the controls. For reading out frequency converter errors and parameters via the Internet.

Note: Compatible with all installations with serial and Ethernet communication.

Model	ID number
Remote maintenance case	**11644723**

Infrared thermometer



Model	ID number
Infrared thermometer	**11417632**



Voltage tester

For testing surge arresters.

Model	ID number
Voltage tester	**11316144**

Lifting gears





Lifting gears must be checked yearly.

If necessary, the inspection can be carried out by Doppelmayr Seilbahnen GmbH.

Model	ID number
Please consult Technical Customer Support before ordering.	



Tirfor manual hoist

Model	ID number
HIT 16, rope 20 m, pulling force up to 1,600 kg	**10019763**
HIT 32, rope 20 m, pulling force up to 3,200 kg	**10007349**

Accessories	
Tirfor rope ø 11.2 mm, length 600 m, 6-strand for Hit 16	**10083303**
Tirfor rope ø 16.2 mm, length 600 m, 6-strand for Hit 32	**11102753**



Tirfor with motor

Note: Supplied without rope. If necessary, please order the rope with the appropriate rope diameter and length separately.

Model	ID number
HIT TRAC 8 electric	**11129300**
HIT TRAC 16 gasoline	**11115146**
HIT TRAC 16 electric	**11115064**
HIT TRAC 32 electric	**11236187**



Tools for Tirfor

Model	ID number
Pulley, ø 200 mm, 5 t	**10083314**
Anchor roller 1-groove for rope diameter 26.0 mm	**11131678**
Rope sling	
Rope sling with pressed loops, ø 11 mm, length 2.5 m	**10051851**
Rope sling with pressed loops, ø 20 mm, length 3.2 m	**10059662**
Endless rope	
Endless sling rope ø 12 mm, clear width 5.0 m	**11102737**
Endless sling rope ø 21 mm, clear width 3.0 m	**10310601**
Endless sling rope ø 24 mm, clear width 5.0 m	**10525239**



Deflection pulleys

Model	ID number
Deflection pulley 32 kN	**11430905**
Deflection pulley 50 kN	**10083314**
Deflection pulley 64 kN	**11430906**



Pulley blocks

Note: Supplied WITHOUT rope. If necessary, please order the rope with the appropriate rope diameter and length separately.

Model	ID number
Payload 12 t, 4 pulleys	**10038313**
Payload 20 t, 6 pulleys	**10642509**
Payload 25 t, 8 pulleys	**10642510**
Payload 40 t, 8 pulleys	**10643021**
Payload 50 t, 10 pulleys	**10312252**
Payload 60 t, 12 pulleys	**11582927**
Payload 70 t, 14 pulleys	**11344972**



Wire rope puller with ratchet

Model	ID number
1.4 t	**10553830**
1.8 t	**10689673**



Hoist trolley

Model	ID number
Hand-geared trolley	
for flange width 64 to 305 mm, load capacity 1 t	**11812336**
for flange width 100 to 203 mm, load capacity 3 t	**10461597**
for flange width 124 to 203 mm, load capacity 10 t	**11648636**
for flange width 136 to 305 mm, load capacity 16 t	**11403619**
Reel chain trolley	
for flange width 88 to 203 mm, load capacity 2 t, chain length 1.5 m	**11812343**
for flange width 100 to 203 mm, load capacity 3 t, chain length 1.5 m	**11812346**
for flange width 100 to 203 mm, load capacity 3 t, chain length 5 m	**11812345**
for flange width 114 to 203 mm, load capacity 5 t, chain length 3 m	**11812350**
for flange width 114 to 203 mm, load capacity 5 t, chain length 5 m	**11812349**
for flange width 124 to 203 mm, load capacity 10 t, chain length 12 m	**11812354**



Manual chain hoist

Model	ID number
1 t, 8 m lifting height, manual chain 3 m	**11445159**
2 t, 8 m lifting height, manual chain 1.5 m	**11854702**
3 t, 3 m lifting height, manual chain 3 m	**11513097**
3 t, 5 m lifting height, manual chain 5 m	**11537824**
3 t, 8 m lifting height, manual chain 1.5 m	**11441696**
5 t, 3 m lifting height, manual chain 2.5 m	**11507409**
5 t, 5 m lifting height, manual chain 5 m	**11789214**

Lever chain hoist



Model	ID number
0.75 t, 3.0 m lifting height	**11790976**
0.75 t, 5.0 m lifting height	**11445098**
1.5 t, 5.0 m lifting height	**11441443**
3.0 t, 3.0 m lifting height	**11510747**
3.0 t, 8.0 m lifting height	**11445224**
6.0 t, 3.0 m lifting height	**11441448**
6.0 t, 6.0 m lifting height	**11445093**
9.0 t, 1.5 m lifting height	**10258849**
9.0 t, 3.5 m lifting height	**10155152**

Gauge rod



For keeping the original gauge during work on the rope (rope anchoring).

Model	ID number
Please have the order number of the ropeway installation ready for ordering.	

Shackle



Model	ID number
2.0 t (1/2")	**11434959**
3.25 t (5/8")	**11434960**
4.75 t (3/4")	**11434961**
6.5 t (7/8")	**11434962**
9.5 t (1 1/8")	**11434964**
17.0 t (1 1/2")	**11434967**
25.0 t (1 3/4")	**11131543**
35.0 t (2")	**11434969**



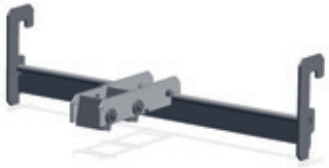
Wire cable clip (EN 13411-5)

Model	ID number
Nominal size	
5.0 mm (3/16")	**10621114**
6.5 mm (1/4")	**10621115**
8.0 mm (5/16")	**10048945**
10.0 mm (3/8")	**10117263**
13.0 mm (1/2")	**10386181**
16.0 mm (5/8")	**10621118**
19.0 mm (3/4")	**10621119**
22.0 mm (7/8")	**10017603**
26.0 mm (1 1/2")	**10126870**
30.0 mm (1 1/8")	**10621120**
34.0 mm (1 1/4")	**10621121**
40.0 mm (1 1/2")	**10621122**
45.0 mm (1 3/4")	**11103028**
50.0 mm (2")	**11103029**
58.0 mm (2 1/4")	**11103031**
65.0 mm (2 1/2")	**11796298**



Clamp plates

Model	ID number
for rope diameter 8 to 10 mm	**11375325**
for rope diameter 12 to 15 mm	**11375326**
for rope diameter 16 to 19 mm	**11375327**
for rope diameter 20 to 24 mm	**11375328**
Further rope diameters on request.	



Hanger arm suspension

Model	ID number
IPE beam 200/240	
for hanger arm 80 x 80 mm	**10938122**
for hanger arm 100 x 100 mm / 120 x 120 mm	**10944242**
for hanger arm 120 x 120 mm	**11912549**
IPE beam 300	
for hanger arm 100 x 100 mm / 120 x 120 mm	**11253238**

Screw-on eye nut with oval link



Model	ID number
for thread M12	**11311217**
for thread M16	**10377806**
for thread M20	**10377807**
for thread M24	**10384944**
for thread M30	**10638545**
for thread M36	**11141693**

Round sling



Model	ID number
Useful length = 0.5 m	
1000 kg	**11517311**
2000 kg	**11517333**
3000 kg	**11517336**
6000 kg	**11517339**
Useful length = 1.0 m	
1000 kg	**11517323**
2000 kg	**11517302**
3000 kg	**11517317**
4000 kg	**11517319**
6000 kg	**11517328**
Useful length = 1.5 m	
2000 kg	**11517305**
Useful length = 2.0 m	
1000 kg	**11517329**
2000 kg	**11517308**
3000 kg	**11517315**
4000 kg	**11517303**
6000 kg	**11517309**
10,000 kg	**11517341**
Useful length = 4.0 m	
3000 kg	**11517304**
4000 kg	**11517316**
6000 kg	**11517307**
8000 kg	**11517314**
10,000 kg	**11517342**

Further lengths on request

General







Toolbox

Model	ID number
Toolbox, contents: 9-piece Allen key set 1.5 to 10 mm, double open-end wrench (wrench size 8 to 24), adjustable wrench, ratchet, sockets (size 10, 16, 17, 18, 19, 24), flat-bladed screwdriver, Phillips screwdriver, combination pliers, pry bar length 400 mm, soft-face hammer / cross peen hammer, feeler gauge 20-piece (0.05 to 1.00 mm), tape measure (length 3 m)	**11517295**

Accessories	
Holder for toolbox on the railing (lockable)	**11556483**



Tape measure

Model	ID number
Tape measure, length 3 m	**10962859**



Zinc paint

Zinc paint for repairing galvanized surfaces.

Model	ID number
Zinc paint repair kit, contents: 1 x zinc paint 100 ml, 1 x sanding block, 3 x touch up brush, 1 x cloth, 1 x wooden spatula	**11310940**
Zinc paint 5 kg	**10989921**

Grease gun



Model	ID number
Grease gun with hose 0.3 m	10016858
Angle coupling 90°, rotatable	12188215

Push type grease gun



Model	ID number
Push type grease gun, volume 120 cm³	10194016

Grease filling pump with grease flow meter



Model	ID number
Battery-operated grease filling pump with grease flow meter	11786445

Hydraulic jack



Model	ID number
Hydraulic jack with pumping rod	10102490

Hydraulic unit with remote control



Model	ID number
230 V, 700 bar, hydraulic hose 0.6 m	**10809090**
230 V, 700 bar, hydraulic hose 2 m	**10275298**

Compressor



Model	ID number
230 V, tank capacity: 24 l, incl. accessories: 10 m pressure hose and handheld tire inflator	**12010082**

Manual air pump



Model	ID number
with pressure gauge and hose 1.29 m	**11437773**

Aluminum round rod



Model	ID number
Length 0.25 m, diameter 15 mm	**10013692**

Pry bar



Model	ID number
400 x 14 mm, with cone and curved blade	10016595

Torque wrench



Model	ID number
10 to 100 Nm, 1/2" drive	10386381
20 to 200 Nm, 1/2" drive	10377509
80 to 400 Nm, 3/4" drive	11233378
155 to 760 Nm, 3/4" drive	10368062

Screw extraction set



Model	ID number
Size 1 to 5, M5 to M20 right-hand thread	10755464

Square hollow key



For the catwalk of the D-Line runway.

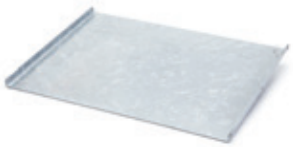
Model	ID number
Square hollow key 6 mm	11440805

Oil drain hose with safety valve



Model	ID number
Connection dimensions M22 x 1.5, hose length 0.5 m	**11106243**

Loading plate for cabins



The loading plate is placed between the cabin and platform edge to avoid overloading the footboard.

Model	ID number
for DG8/10	**11470703**

Parts cleaning unit



Model	ID number
Parts cleaning unit IBS type M, 200 l, external dimensions 1145 x 670 x 1050 mm (WxDxH)	**10457564**

Cartridge gun



Model	ID number
Cartridge gun	**10013177**



Adhesive tape with Doppelmayr logo

Model	ID number
100 running meters	10655588



Edge protection

Model	ID number
Three-quarters round (length 1 m, 40 mm)	10315016










Operating materials

Model	ID number
Station and hydraulic equipment	
Silamin 510, 1 l bottle	11183595
Anticorit corrosion protection, 1 l bottle	11527131
Sheave assemblies	
Spheerol LZ grease, 0.4 kg cartridge	11786391
Spheerol LZ grease, 50 kg drum	11786392
Break fork switch	
Vaseline grease white, 0.4 kg cartridge	11007328
Gearbox	
Doppelmayr gearbox oil 80W-90, 210 liter barrel	11178143
Doppelmayr gearbox oil 80W-90, 60 liter barrel	11178142
Doppelmayr gearbox oil 80W-90, 20 liter can	11126269
Grips	
Lubricating grease Gleitmetall AS1000, 1 kg tin (silver)	10098911
Emergency drive - gear rim	
Grizzlygrease lubricant, 500 ml spray can	10550848
Bullwheel bearing assembly	
Lubricating grease Mobilith SHC 460, 0.4 kg cartridge	10484451
Mobilith SHC 460 grease, 16 kg bucket	10948053
Mobilith SHC 460 grease, 50 kg drum	11180980





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