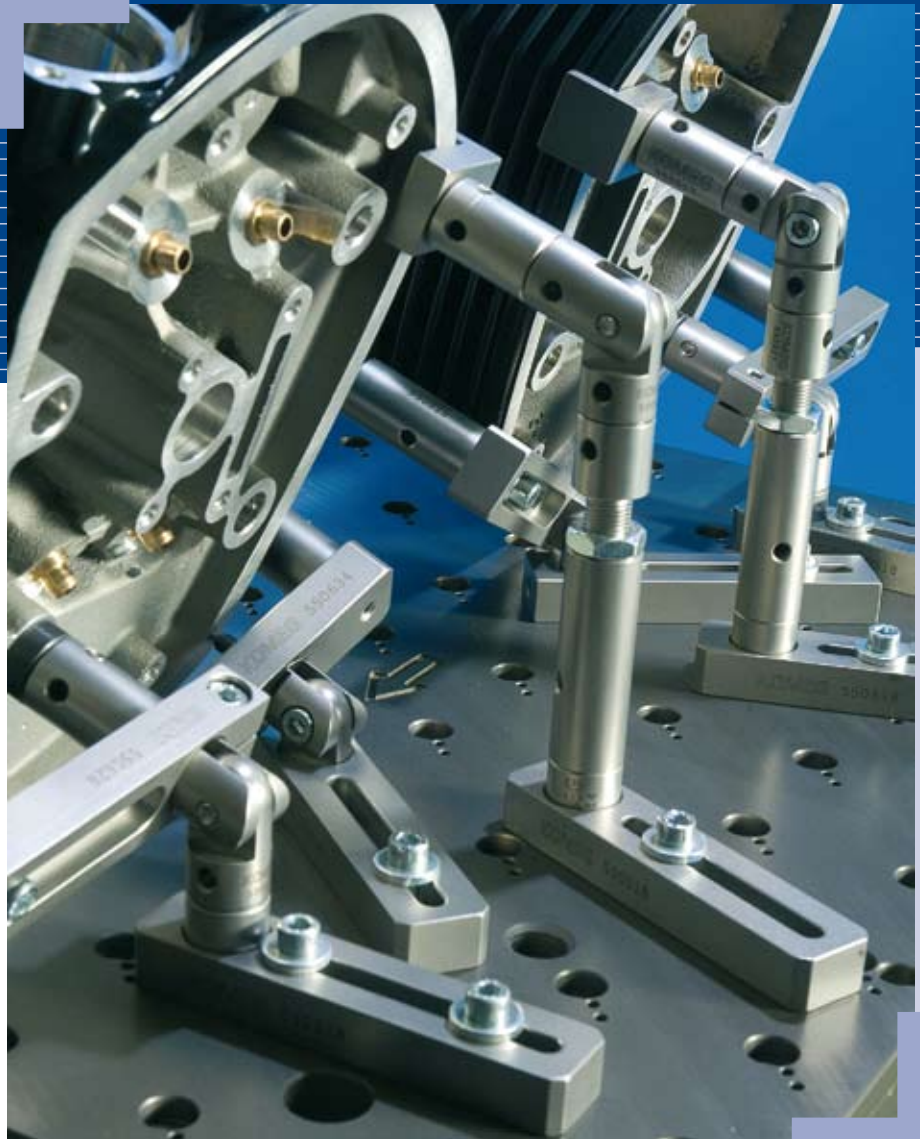


KOMEG REPRO-FIX

PRE 983022



The modular universal clamping system for
coordinate measuring systems

KOMEG: Noticeably More Experience. Measurably Better Results.

KOMEG
REPRO-FIX

Substantiated experience, reliable expertise and future-oriented concepts: For more than three decades KOMEG has been among the international innovation generators of sophisticated industrial measuring technique, setting important technological milestones and providing groundbreaking customer-specific solutions.

KOMEG implemented for example the first in-line measuring computers for SPC application worldwide as well as the first modular clamping system for reproducible manufacturing - proficiency and knowledge that are being broadened and deepened consistently ever since.

Today KOMEG develops, produces and distributes important components and systems for manufacturing and coordinate measuring technique:

- Probe components for all CMM brands
- Special styli and configurations
- Modular indexable clamping systems for tactile and vision measuring technique
- Handling technique and loading systems
- Air-conditioned cabinets and air-conditioning technique
- Special solutions
- Measuring and quality data systems

55 employees are permanently concerned with the progress of measuring technique on the 3500 m² large state-of-the-art KOMEG Development and Production Center in Völklingen, Saarland - and with the satisfaction of customers from manifold industrial production branches - from machine and automotive engineering as well as electrical and plastics engineering, pharma industry and medical technology.

KOMEG's strong points are its extraordinary creativity, commitment and local presence - based on a very strong foundation: as a member of Mitutoyo Group, the most versatile supplier of length measuring technique world-wide and internationally leading full-range supplier in this branch of industry, offering more than 5000 products.

KOMEG's expertise and MITUTOYO's strength complement one another to enable complex and consistent system solutions - to the benefit and advantage of highly demanding users of measuring technique.

With noticeably more experience. For measurably better results.

KOMEG: We have an idea...



KOMEG

KOMEG



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Reference list

- AE DRUCKGUSS
- BEHR
- BENTELER
- BMW
- BOSCH REXROTH
- BRINKMANN
- DAIMLER CHRYSLER
- EADS
- FAURECIA INNENRAUMSYSTEME
- FORD
- GETRAG
- GRÜNER SYSTEMTECHNIK
- GÜNTHER HEISSKANAL
- HYDRO ALUMINIUM ALUCAST
- INA-SCHAEFFLER
- KEIPER
- MÄRKISCHE WERKE
- MT TECHNOLOGIES
- NOTHELFER
- OLHO - TECHNIK
- OPEL
- PEGUFORM
- PIERBURG
- ROBERT BOSCH
- SACHSENRING
- SKL MAGDEBURG
- STADCO LIMITED
- UMFORMTECHNIK STENDAL
- VAILLANT
- VOEST ALPINE MATZNER
- VOLKSWAGEN
- WITZENMANN
- ZF GETRIEBE

Quality

KOMEG Industrielle Messtechnik GmbH uses a certified quality management system according to DIN EN ISO 9001: 2000-12



Mitutoyo Group

Mitutoyo Group - with experience and competence from all over the world -

Successful in all fields of length measurement having a lead of 70 years in research and development.

Having over 70 years of experience Mitutoyo belongs to the pioneers and trend-setters of precision measuring technology worldwide.

Today, the Mitutoyo Group, starting from their Japanese roots, has branches, factories and national distribution networks with more than 5,000 employees in over 20 countries. In addition, there are Mitutoyo agents in approx. 60 further countries.

Mitutoyo is the worldwide largest seller with the greatest variety of more than 5,000 products of production measuring systems.

Hand tools, form, surface and profile measuring systems, optical and picture processing systems as well as 2D and 3D-CMMs are developed and produced in 12 Japanese factories as well as in additional facilities in Germany, the Netherlands, Brazil, Mexico, USA and China.

- active on all important global economic markets
- synergetic effects by a worldwide network for quick exchange of experiences and knowledge
- highly innovative due to investments in research and development
- trend-setting by many national and international patents
- exemplary by customer-oriented concepts as e.g. M³ Solutions for complete individual solutions for special measuring applications all in one hand.



Mitutoyo Group

Mitutoyo Group

M³ Solutions - Individual Solutions for special applications all in one hand -

The best way for seamless integration of measuring systems into the production process

M³ Solutions stands for Mitutoyo Measurement Metrology, a global, innovative and customer-oriented concept of the Mitutoyo Group. We have made the realization of individual system solutions and their optimal integration to our business.

The development partners of M³ Solutions Europe are closely integrated into these activities: the KOMEK Industrielle Messtechnik GmbH as well as the British Mitutoyo Gauging Technology (MGT). As members of the international Mitutoyo Group and as specialists for individual equipment of measuring stations, from workpiece loading to readjustment of the production machines, they complete the service concept of all being in one hand.

- integrated production-related system solutions
- technical competence in all fields of production measuring technology
- complex overall solutions by integration of strong partners of the worldwide network of the Mitutoyo Group:
 - feeding systems
 - automatic sorting machines
 - parts handling with sorting, classification, selective pairing
 - integration into control systems
 - readjustment of production machines
 - individual equipment of measuring stations with air-conditioned cabins etc.

The Mitutoyo logo is displayed in red text on a white background, which is part of a vertical blue gradient bar.The Mcube logo features a stylized red 'm' with a blue sphere above it, positioned above the word 'Mcube' in a bold, black, sans-serif font. This logo is also set against a white background within the vertical blue gradient bar.The KOMEK logo is shown in a bold, black, sans-serif font on a white background, located at the bottom of the vertical blue gradient bar.

Practice-oriented and compatible

Practice-oriented and economical

The repro-fix clamping system has been developed especially for coordinate measuring systems. During development special attention was paid to the following elementary features:

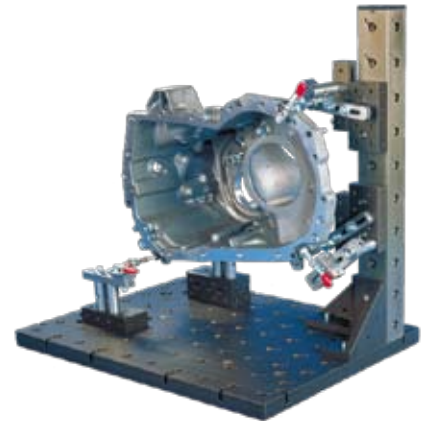
- universal system
- logical concept
- high profitability
- reproducible set-up
- high rigidity
- high stability
- easy handling
- flexible application

Optimal access

Straight construction and direct screw connection ensure highest stability with optimal access to the workpiece.

Lower costs

The high flexibility of the repro-fix system saves set-up material. This results in economical advantages: lower costs and a smaller stock.



KOMEG REPRO-FIX

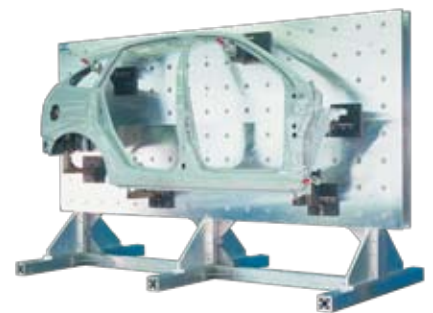
Reproducible set-up

In case of repeated measurements the reproducible set-up allows positioning of the workpiece in always same position in space. Small position deviations due to tolerances are automatically compensated by the alignment routine of the CMM. The CMM can be immediately started in automatic operation mode.

Constantly compatible

A large variety of clamping tasks can be realized by the range of system components which has been constantly improved from year to year: from watch housing to car body. Basic grid and mounting principle remain always the same. I.e. all components can be constantly used.

A convincing concept: for repeating measuring tasks and for non-recurring parts fixture!



Reproducible and universal set-up

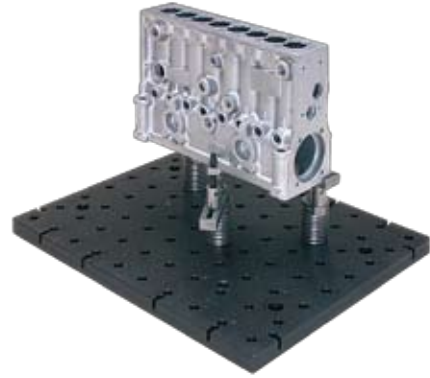
Reproducible set-up in modular pinning technique

Part-specific receiving modules are snapped in on a grid base, base plates or grid profiles. Thus, in case of reassembly of the fixture the workpiece to be measured takes always exactly the same position and the CMM can be started in CNC-operation mode without new alignment.

After measurement the fixture is disassembled and the part-specific receiving modules are stored, whereas, the base can be used for new tasks. Thus, the advantages of conventional fixturing systems are combined with those of economical modular systems.

The base plates and grid profiles are made of hard-anodized aluminium, the part-specific receiving modules are of stainless steel.

The assembly of the fixture components is realized by direct screw connections onto the base as well as between each other. This ensures an excellent stability and durability which are essential for a reliable measurement of your workpieces.



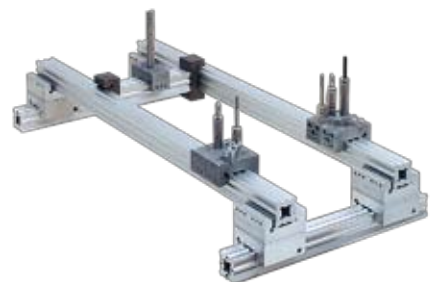
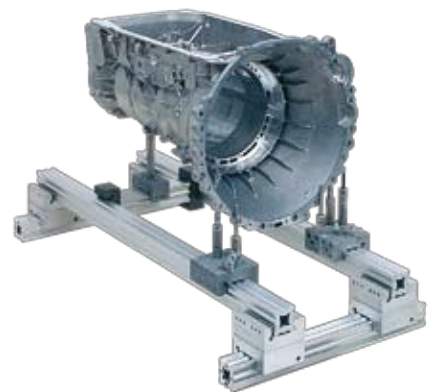
KOMEG REPRO-FIX

KOMEG REPRO-FIX

Universal set-up

Contrary to the reproducible assembly principle, the receiving modules are not mounted into twist-secured base elements but directly connected with screws onto the base.

The use of pins and brackets as central construction elements has proved very successful. Receiving and clamping points can be reached very straightly and quickly with these elements because angle position as well as height and overhang of the brackets can be continuously adjusted. The set-up does not only save material and consequently, money, but it is also very "slim" allowing good access to the workpiece. An excellent stability is ensured by using steel components for the assembly of receiving columns. Direct screw connections onto the base and between each other also contribute to the stability. Furthermore, they also make system handling easier as there are no auxiliary assembly tools necessary.



quick-fix / quick-rail

Quick clamping system quick-fix for quick measurements „in between“

The quick clamping system quick-fix has been developed to complete our program with a very simple and low-priced system. It is based on centrally clamped hydraulic articulated arms and is mainly suitable for simple tasks.

Parts clamping is absolutely quick and simple, realized in two steps:

- Fix part with clamping unit on articulated arm 1
- Use two more arms as base and for stabilization

With an absolutely small number of parts an astonishing large number of tasks can be realized with this simple, economy-priced but very effective method in no time.



Rail system quick-rail for mounting on CMM

With the development of the quick-rail system a further extremely quick and simple clamping system has been realized. Once mounted to the CMM, it allows the user to easily set-up a receiving fixture with nearly no limitation in its variety. Horizontally, the receiving points can be freely positioned by the rail system. Vertically, adjustment is possible by the use of height-adjustable location pins. Thus, you can clamp workpieces in a reproducible way in the measuring space of the CMM. Thus, all workpieces of a series have the same position and can be immediately measured with the CNC-program which has once been created.

Of course, the quick-rail system which is protected by patent is compatible with the KOMEG repro-fix system as all other KOMEG systems. This makes always an extension of the clamping system possible.

As the clever system allows a very quick fixture set-up, the short period of time necessary pays also in case of small series and even in case of individual parts.



OPTI-FIX OPTI-FIX

Clamping system for optical measuring systems

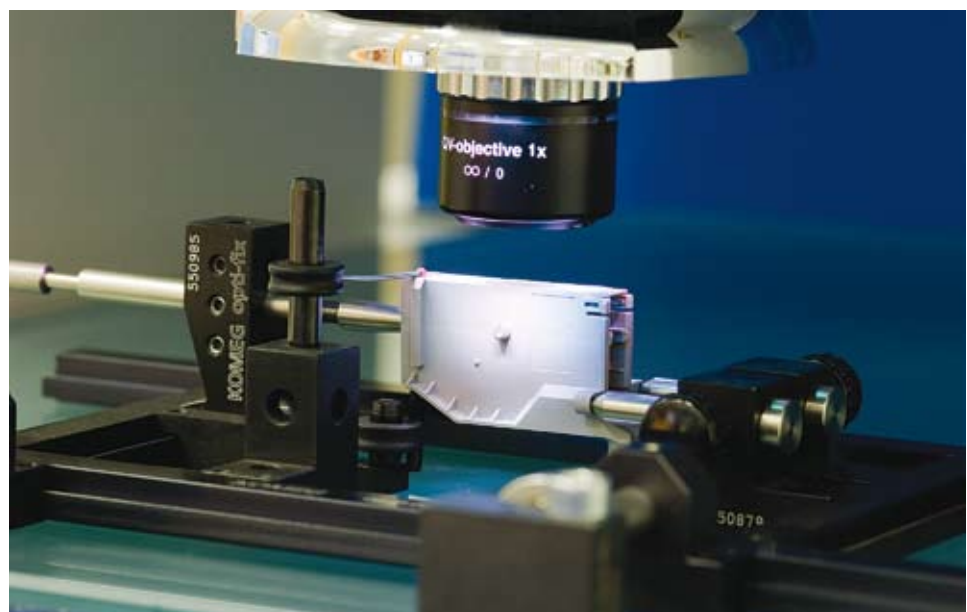
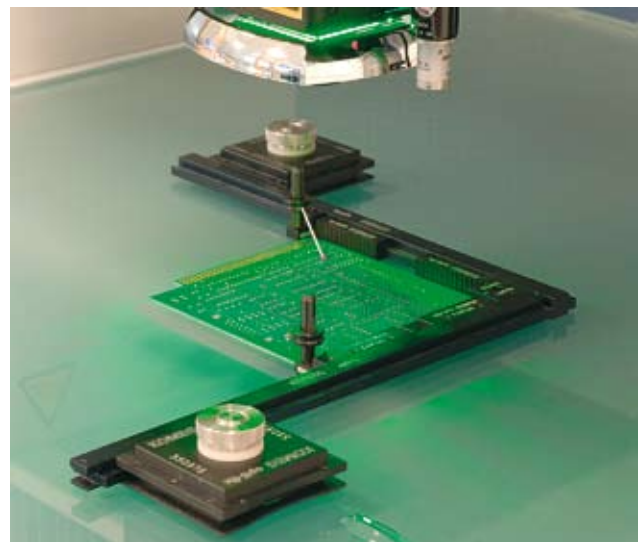
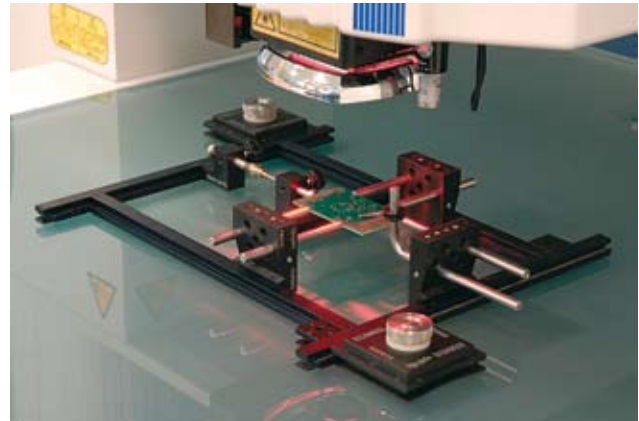
The patented modular clamping system opti-fix has been developed especially for optical measuring systems. It ensures safe fixing of workpieces during measurement, thus, contributing to reliable measuring results. Furthermore, it makes series measurements considerably easier.

All fixture elements are anodized in flat-black to avoid disturbing reflexions of ambient light or lighting systems.

The clamping elements can be mounted on the measuring table either with an extension frame which is fixed with receivers or by vacuum clamping plates which can be fixed at any place at the measuring table.

Absolutely different clamping problems can be solved quickly and simply with an astonishingly small number of elements. Troublesome improvising with insecure aids has finally been eliminated.

Please request the separately catalog opti-fix!



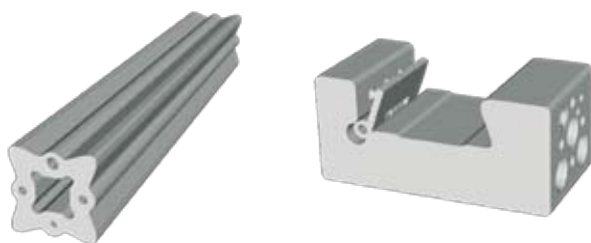
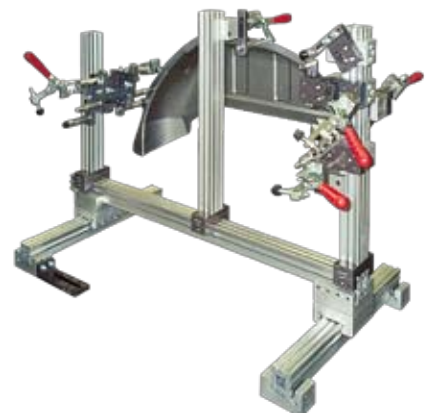
S-profile

Dovetail profile "S50":

Aluminium dovetail profile, patented worldwide, 50 x 50, if required with or without bore grid at the ends, anodized or hard-coated.

The very solid profile cross section, which has been confirmed by the University of Saarland, allows a functional stable construction without using a framework structure.

The patented profiles are especially extruded for Komeg. They are for extreme flexible receiving of the continuously adjustable slider elements.



KOMEG REPRO-FIX

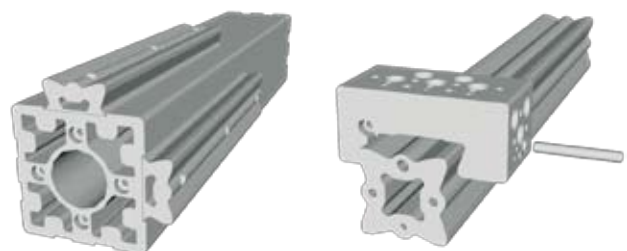
Profile "S100":

Aluminium profile which is worldwide patented, 100 x 100, anodized or hart-coated.

Also the profiles "S100" are especially extruded for Komeg. They combine perfectly the two assembly types "R" and "S".

A type-specific and also reproducible bore grid arrangement is possible. Furthermore, the system allows continuously adjustable sliding on the dovetail profile base.

Simply attachable standard profile rails are used as joining element to realize this.



R-profile

Grid profile

Torsion-resistant aluminium grid profile with indexing bores and threaded joint M6 with a grid distance of 50 mm.

To avoid wear of the respective connecting threads, the grid profiles are only offered hard-anodized.

25 µm of the hard-coating penetrate the material and 25 µm are applied onto the element. Thus, a general protection of 50 µm can be assumed which is sufficiently functional.

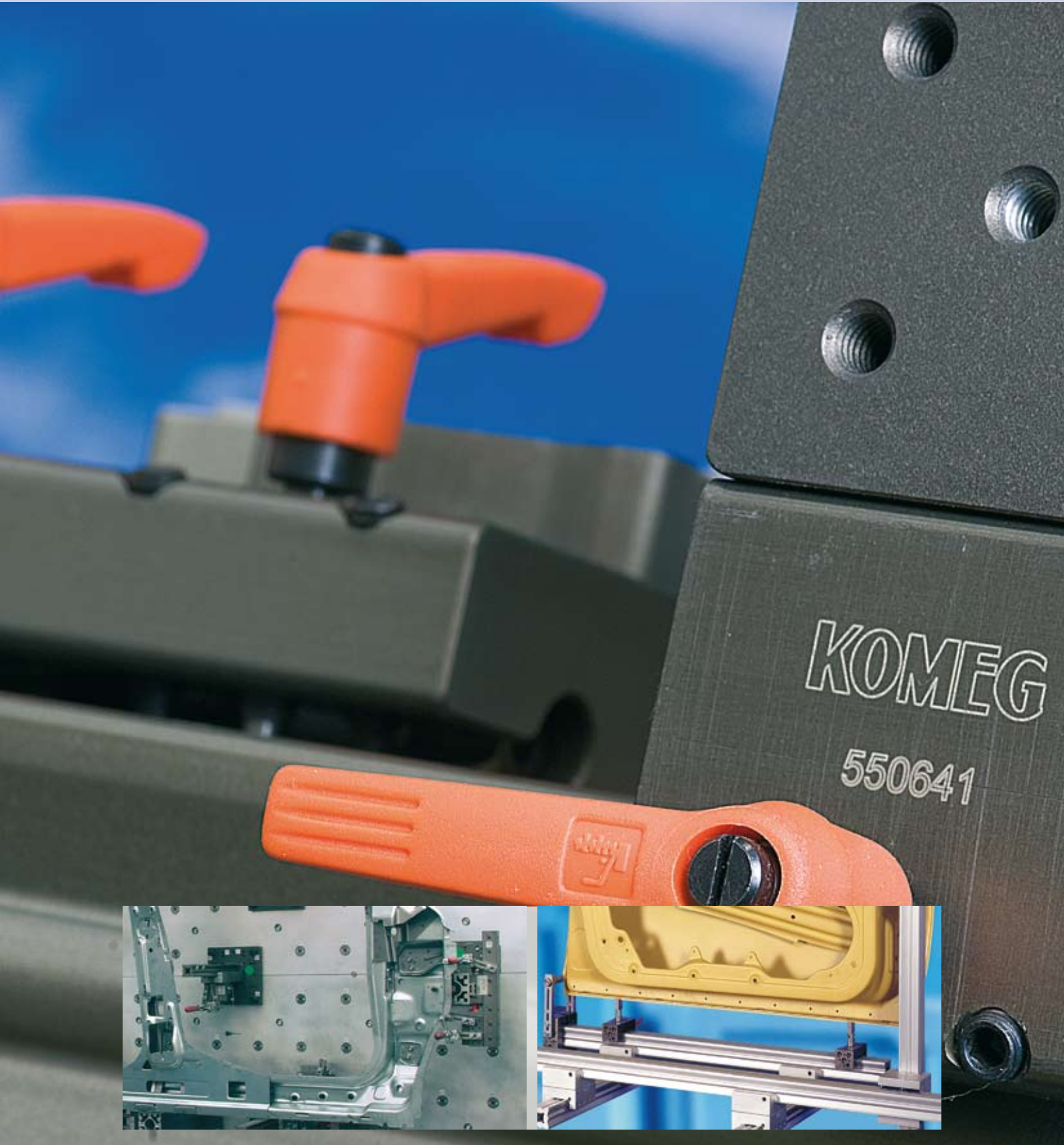
The very solid profile cross section, which has been confirmed by the University of Saarland, allows a functional stable construction for any application without using a framework structure.

The profiles have the same receiving bores as the base plates and allow also reproducible pinning of part-specific receiving modules.

The grid profiles are available from L = 200 up to L = 2500 mm, L = length.



KOMEG REPRO-FIX



Base plate field / Base plate wall

KOMEG clamping systems for car bodies/system variants

Base plate field

To receive parts in horizontal position, there are base plate fields of steel and aluminium available which have pinning bores with connecting thread and locating holes in a grid distance of 200 mm.

Flatness accuracy < 0.1 mm

Standard version M6 / 12.5 H7

The base plate fields are for indexable receiving of the units.

The possible sizes depend on the individual use.

The base is the platform to receive different parts, such as blank car body, underbody groups, hood, flap, roof etc.

This receiving system replaces complete individual single holding fixtures which are expensive. Consequently, costs and stock volume are reduced to a minimum.

Base plate wall

There are stable base plate walls in bonded, finned sandwich construction available to receive parts in vertical position.

Flatness accuracy < 0.1 mm

Two pinning systems with a grid distance of 200 mm are offered:

- threaded bolt
- spherical expanding arbour

The base plate wall is used for indexable receiving of units.

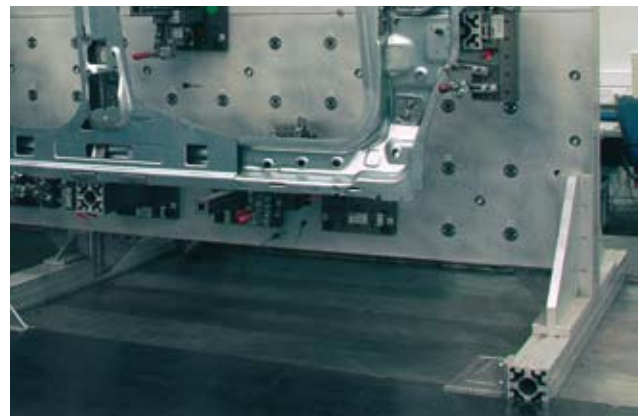
The sizes depend on individual requirements.

Side panel of car usually approx. 3,500 x 1,800 mm.

The very solid base is for receiving of different parts, such as e.g. side panel, inner and outer side panel, A-column, B-column, C-column, wheel housing etc.

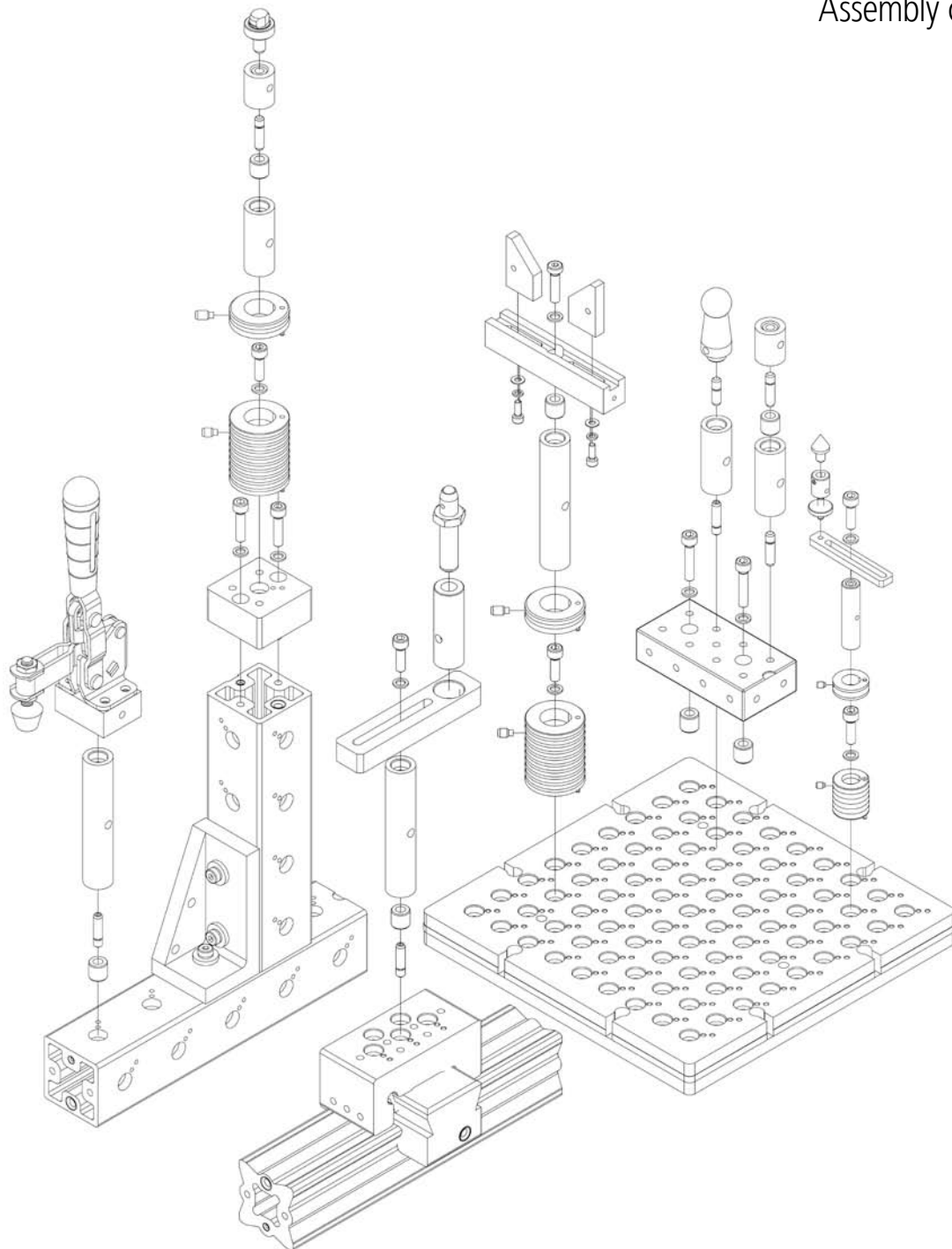
- each in arrangement right/left

This receiving system replaces complete individual single holding fixtures which are expensive. Consequently, costs and stock volume are reduced to a minimum.



KOMEG REPRO-FIX

Assembly concept

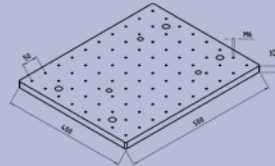
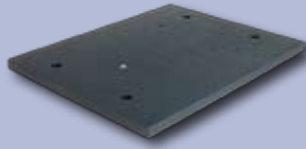




Basic elements

Base plate uni 500 x 400 mm

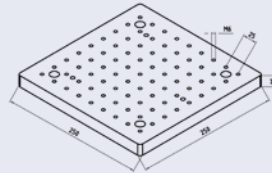
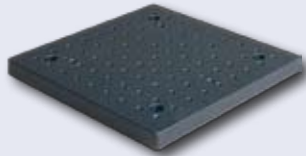
Made of hard-anodized aluminium, with connecting thread M6, grid distance 50 mm



Part No. 550 715
hard-anodized
Weight 10400 g

Base plate uni 250 x 250 mm

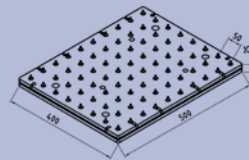
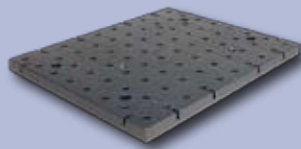
Made of hard-anodized aluminium, with connecting thread M6, grid distance 25 mm



Part No. 550 637
hard-anodized
Weight 3800 g

Base plate repro 500 x 400 mm

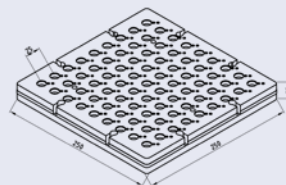
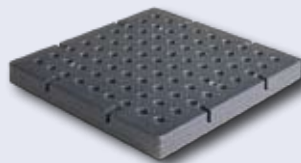
Made of hard-anodized aluminium, with indexing bores 12,5 H7 for twist-secured fixing of precision base solids and connecting thread M6, grid distance 50 mm



Part No. 550 466
hard-anodized
Weight 12800 g

Base plate repro 250 x 250 mm

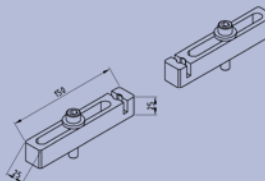
Made of hard-anodized aluminium, with indexing bores 12,5 H7 for twist-secured fixing of precision base solids and connecting thread M6, grid distance 25 mm



Part No. 550 467
hard-anodized
Weight 3800 g

Positioning guide

For fixing of base plates on the measuring table



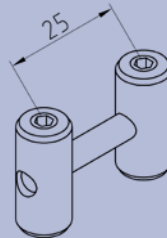
Part No. 550 432
hard-anodized
Weight 450 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Plate connector

For the assembly of base plates repro and for mounting of positioning guides at the sides of base plates or between two base plates



Part No.

550 404

L = 25 mm

550 448

L = 50 mm

Weight

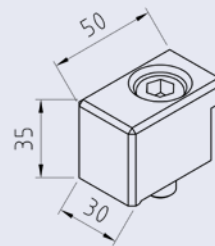
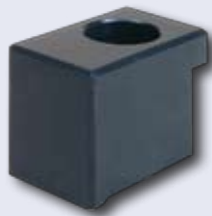
31 g

Weight

35 g

Clamping claw

For fixing of base plates on the measuring table



Part No.

550 937

for thread M8

550 936

for thread M10

550 475

for thread M12

Weight

55 g

Weight

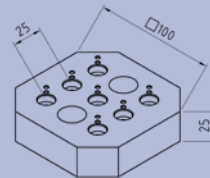
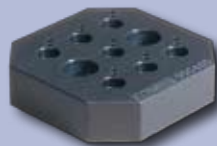
60 g

Weight

65 g

Base plate small

E.g. as base element for positioning of the combination articulated arm and clamping unit indexing bores with grid distance 25 mm



Part No. 550 465

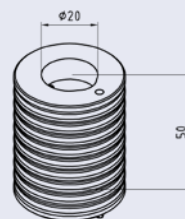
hard-anodized

Weight

537 g

Precision base solid

Non-twistable connecting elements between the base plate repro or the grid profiles and the part specific receiving modules



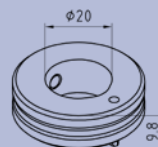
Part No. 550 468

Weight

365 g

Indexing ring

For exact positioning in case of reassembly as connecting element between dismantlable basic assembly and the part specific receiving modules which are stored as complete units



Part No. 550 469

Weight

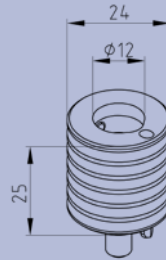
83 g



Basic elements

Precision base solid mini

Non-twistable connecting elements between the base plate repro or the grid profiles and the part specific receiving modules

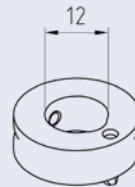


Part No. 550 407

Weight 68 g

Indexing ring mini

For exact positioning in case of reassembly as connecting element between the dismantlable basic assembly and the part specific receiving modules which are stored as complete units

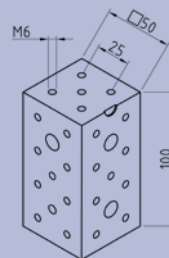


Part No. 550 408

Weight 20 g

Extension ashlar

For modular assembly on profiles and base plates. Also an alternative to the cylindrical precision base solids

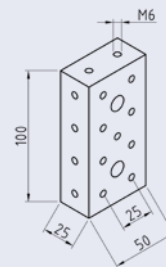


Part No. 550 597

hard-anodized
Weight 563 g

Extension plate

For modular assembly on profiles and base plates. Also an alternative to the cylindrical precision base solid

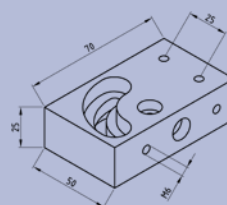
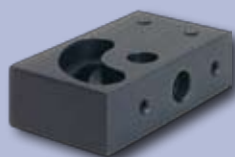


Part No. 550 601

hard-anodized
Weight 563 g

Swivel plate

For fastening of e.g. brackets or locations pins at any angle vertically and in space



Part No. 550 604

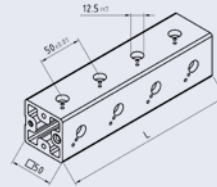
hard-anodized
Weight 297 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Grid profile

For vertical and horizontal basic assembly, with grid bores for cylindrical and cubic base bodies.



Part No.

550 570	L = 200 mm
550 501	L = 250 mm
550 611	L = 400 mm
550 502	L = 500 mm
550 571	L = 750 mm
550 503	L = 1000 mm
550 593	L = 1250 mm

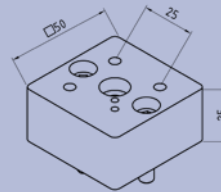
Weight	740 g
Weight	920 g
Weight	1470 g
Weight	1836 g
Weight	2600 g
Weight	3600 g
Weight	4400 g

hartcoatiert

Further lengths and types on demand

Terminator 50

For front mounting of precision base solids on profiles with bore grid at the ends

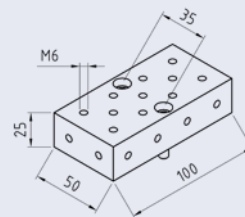


Part No. 550 513

hard-anodized
Weight 152 g

Terminator 100

For modular front assembly at profiles with bore grid at the ends

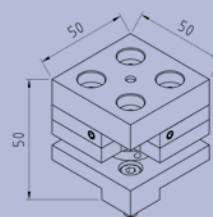


Part No. 550 203

hard-anodized
Weight 300 g

Adjusting element XYZ

Compact adjusting element for the adjustment of all 3 axes withing the range of +/- 2,5mm



Part No. 550 961

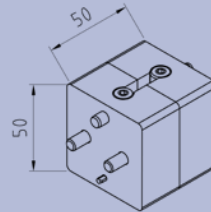
Weight 275 g



Basic elements

Connector set

For front connection of profiles

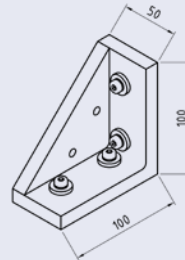


Part No. 550 512

hard-anodized
Weight 378 g

Angle 100 / 100

For rectangular connection of profiles and for assembly of profiles on base plates

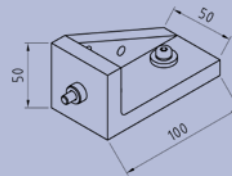


Part No. 550 509

hard-anodized
Weight 409 g

Angle 100 / 50

For rectangular connection of profiles and for assembly of profiles on base plates

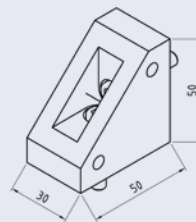


Part No. 550 511

hard-anodized
Weight 260 g

Angle 50 / 50

For rectangular connection of profiles and assembly of profiles on base plates

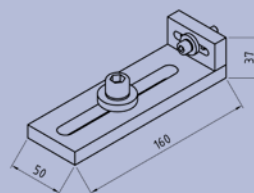
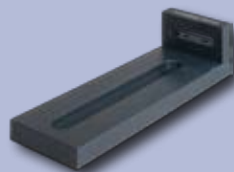


Part No. 550 510

hard-anodized
Weight 114 g

Fastening bracket for R-profiles

For fastening of R-profiles on measuring table



Part No. 550 586

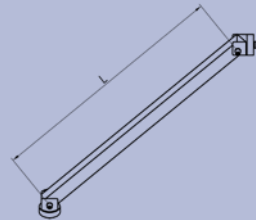
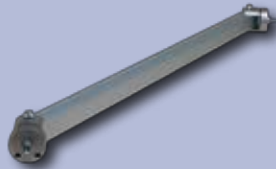
hard-anodized
Weight 244 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Bracing with knuckle joints

For stiffening without tension of frame constructions

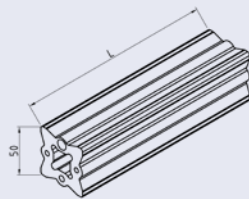
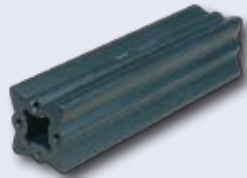


Part No.

550 690	L = 508 mm		
550 689	L = 1023 mm		
550 692	L = 559 mm		
550 691	L = 1266 mm		
Weight		1200 g	
Weight		2100 g	
Weight		1300 g	
Weight		2500 g	

Profile S50 with bore grid at the ends

For basic assembly with extension possibilities at the ends



Part No.

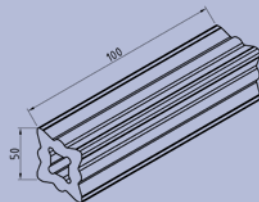
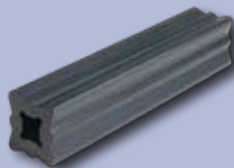
550 669	L = 200 mm	Weight	920 g
550 670	L = 250 mm	Weight	1150 g
550 671	L = 400 mm	Weight	1840 g
550 672	L = 500 mm	Weight	2200 g
550 673	L = 750 mm	Weight	3400 g
550 674	L = 1000 mm	Weight	4400 g
550 675	L = 1250 mm	Weight	5800 g
550 676	L = 1500 mm	Weight	7000 g
550 677	L = 2000 mm	Weight	9200 g
550 678	L = 2500 mm	Weight	11600 g

hard-anodized

Other lengths up to L = 4000 mm on demand

Profile S50 with bore grid at the ends

For basic assembly of frame constructions



Part No.

550 679	L = 200 mm	Weight	920 g
550 680	L = 250 mm	Weight	1150 g
550 681	L = 400 mm	Weight	1840 g
550 682	L = 500 mm	Weight	2200 g
550 683	L = 750 mm	Weight	3400 g
550 684	L = 1000 mm	Weight	4400 g
550 685	L = 1250 mm	Weight	5800 g
550 686	L = 1500 mm	Weight	7000 g
550 687	L = 2000 mm	Weight	9200 g
550 688	L = 2500 mm	Weight	11600 g

hard-anodized

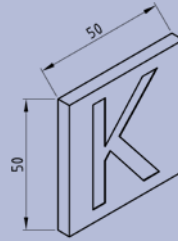
Other lengths up to L = 4000 mm on demand



Basic elements

Cover plate 50

For basic assembly of frame constructions

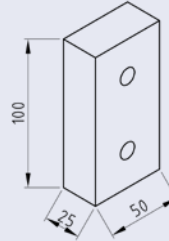


Part No. 550 534

Weight 10 g

Profile base plate

As profile base plate on profile frame constructions



Part No. 550 602

hard-anodized

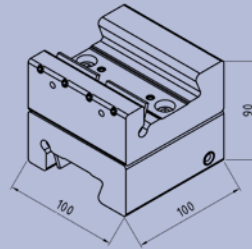
Weight 320 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Cross connector

For frame constructions as well as lateral attachment of S-profiles

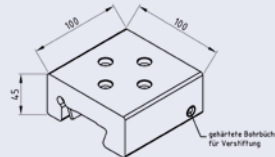


Part No. 550 647

hard-anodized
Weight 1893 g

Slider element 100 x 100 mm

For front connection of profiles or for mounting of receiving modules as repro-fix assembly or as special CAD-element

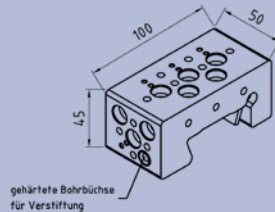


Part No. 550 855

hard-anodized
Weight 930 g

Slider element with complete bore grid

For connection of all kinds of repro-fix elements, profiles, twist-secured base elements, extension plates, extension ashlars, location pins, etc.

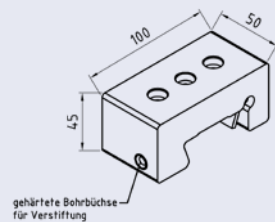


Part No. 550 641

hard-anodized
Weight 423 g

Slider element with simple bore grid

For connection of repro-fix elements and building of bracings for stiffening of constructions

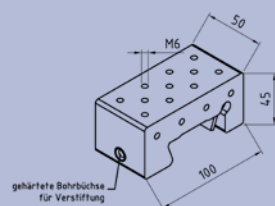


Part No. 550 643

hartcoatiert
Weight 428 g

Slider element M6

For connection of repro-fix elements without indexing bores



Part No. 550 957

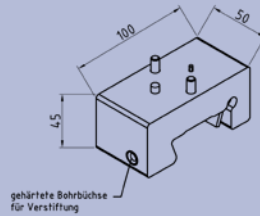
hard-anodized
Weight 450 g



Basic elements

Slider element for profile connection

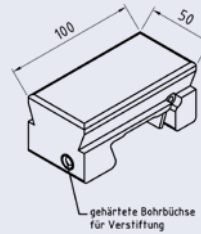
For connection of repro-fix
profiles with bore grid at the
ends



Part No. 550 772
hard-anodized
Weight 460 g

Slider element with dovetail guiding

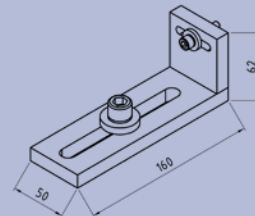
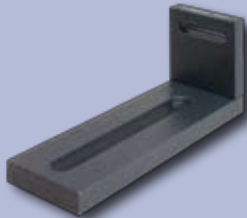
For constructin of adjustable
cross connections e.g. as
vertical positioning element



Part No. 550 645
hard-anodized
Weight 446 g

Fastening bracket for S-profiles

For fasting of S-profiles on
on measuring table



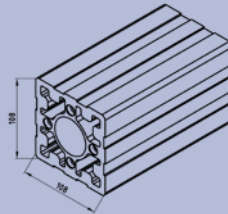
Part No. 550 923
hard-anodized
Weight 280 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Profile S100 with bore grid at the ends

For basic construction with front connection, e.g. on locating plates



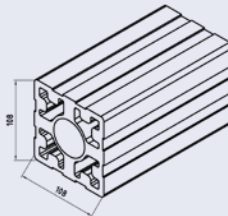
Part No. 550 868

Weight 17000 g (lfm.)

Lengths depending on requirements

Profile S100 without bore grid at the ends

For stable basic construction of large fixtures, front connection not possible



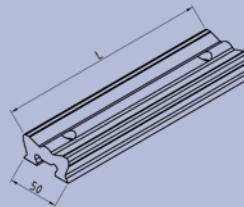
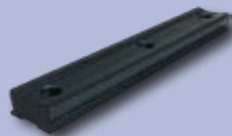
Part No. 550 867

Weight 17000 g (lfm.)

Lengths depending on requirements

Attachable profile rail

For mounting on profile S100 at positions where an adjustable connection via slider element is necessary



Part No.

550 631 L = 200 mm

550 632 L = 300 mm

550 633 L = 500 mm

hard-anodized

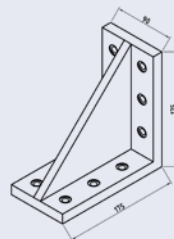
Weight 430 g

Weight 650 g

Weight 1060 g

Angle 175 / 175

For rectangular connection of profiles S100

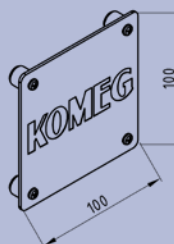


Part No. 550 863

Weight 1490 g

Profile cover plate S100

To cover the ends of profile S100



Part No. 550 927

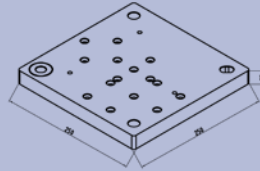
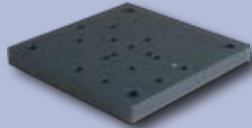
Weight 50 g



Basic elements

Locating plate for spherical expanding arbour

As basic element for construction of receiving units for reproducible assembly on plate field or base plate wall



Part No. 550 929
hard-anodized
Weight 4000 g

Spherical expanding arbour

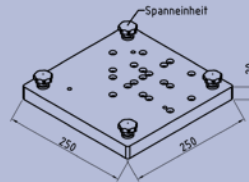
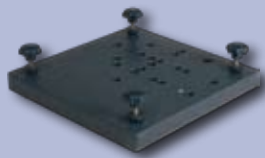
For reproducible fastening of locating plate 550 929 on plate field or base plate wall



Part No. 550 930
hard-anodized
Weight 195 g

Locating plate with threaded bolt

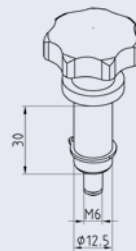
As basic element for construction of receiving units for reproducible assembly on plate field or base plate wall



Part No. 550 928
hard-anodized
Weight 4100 g

Fastening element M6

For reproducible fastening of locating plate 550 928 on plate field or base plate wall



Part No. 550 497
Weight 60 g

Reference sphere

With thread M6



Part No. 550 935
Weight 95 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS





Assembly elements

Location pin

For height adjustment of a workpiece fixture



Part No.

550 603 L = 12,5 mm

550 514 L = 25 mm

550 515 L = 50 mm

550 516 L = 100 mm

Weight 23 g

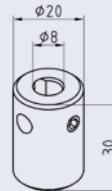
Weight 49 g

Weight 101 g

Weight 223 g

Location pin with fitting bore

For connection of elements with 8 mm connection pin

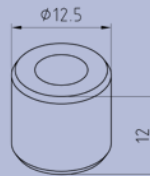


Part No. 550 517

Weight 57 g

Positioning pin

For reproducible assembly of repro-fix elements with indexing bores

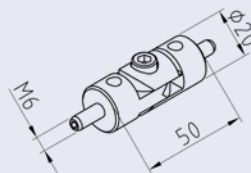


Part No. 550 461

Weight 7 g

Knuckle joint

For angular adjustment

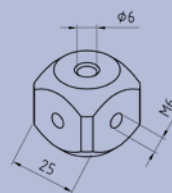


Part No. 550 529

Weight 106 g

Cube M6

For perpendicular assembly in space



Part No. 550 521

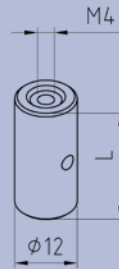
Weight 96 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Location pin mini

For height adjustment of a workpiece fixture



Part No.

550 410 L = 12,5 mm

550 411 L = 25 mm

550 412 L = 50 mm

550 413 L = 100 mm

Weight 9 g

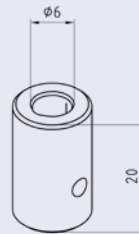
Weight 20 g

Weight 40 g

Weight 84 g

Location pin mini with fitting bore

For connection of elements with 6 mm connection pin



Part No. 550 414

Weight 14 g

Threaded pin

For connecting the repro-fix elements



Part No.

550 592 M6 x 20 mm

550 557 M6 x 25 mm

550 437 M4 x 12 mm

550 402 M4 x 25 mm

Weight 3 g

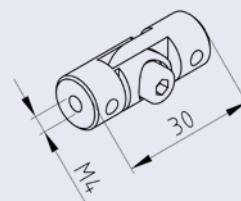
Weight 4 g

Weight 2 g

Weight 3 g

Knuckle joint mini

For angular adjustment

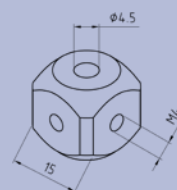


Part No. 550 421

Weight 16 g

Cube M4

For perpendicular assembly in space



Part No. 550 423

Weight 20 g



Assembly elements

Adjustable location pin lower part

For receiving of adjustable elements for precise height adjustment of workpiece fixtures

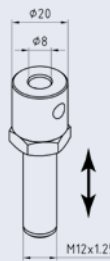


Part No. 550 528

Weight 101 g

Adjustable location pin with fitting bore

For precise height adjustment of workpiece fixtures with 8 mm connection pin

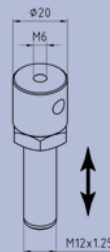


Part No. 550 526

Weight 84 g

Adjustable location pin with thread M6

For precise height adjustment of workpiece fixtures with thread M6

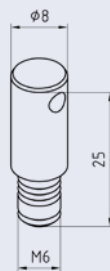


Part No. 550 527

Weight 86 g

Pivot pin

E.g. as pivot part in combination with location pin with 8 mm fitting bore



Part No. 550 335

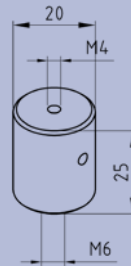
Weight 7 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Adaptor M6 / M4

Connection element of system variants repro-fix M6 and repro-fix mini M4

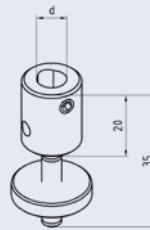


Part No. 550 458

Weight 51 g

Adjustable location pin mini d = 6 mm

For precise height adjustment of workpiece fixtures with 6 mm connection pin

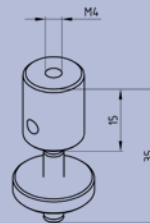


Part No. 550 415

Weight 18 g

Adjustable location pin mini d = M4

For precise height adjustment of workpiece fixtures with thread M4

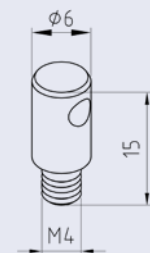


Part No. 550 416

Weight 18 g

Pivot pin mini

E.g. as pivot part in combination with location pin with 6 mm fitting bore



Part No. 550 422

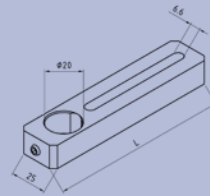
Weight 3 g



Assembly elements

Receiver bracket

For assembly of any receiving position in space by boom construction and for continuous adjustment of location pins in axial direction



Part No.

550 518 L = 115 mm

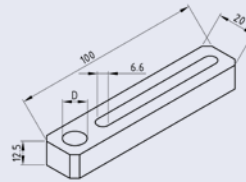
550 519 L = 160 mm

Weight 242 g

Weight 345 g

Receiver bracket

For assembly of any receiving position in space by boom construction



Part No. 550 517

550 345 D = M6

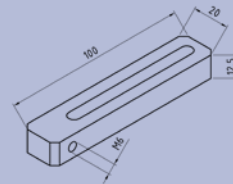
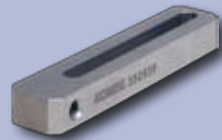
550 342 D = M12

Weight 144 g

Weight 140 g

Receiver bracket with lateral bore M6

For assembly of any receiving position and angle in space by boom construction for direction connection with threaded pin M6

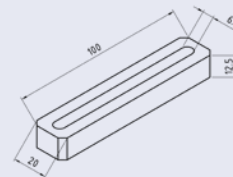


Part No. 550 939

Weight 140 g

Receiver bracket

For vertical assembly of any receiving position and angle in space by boom construction as well as for receiving of adaptor elements

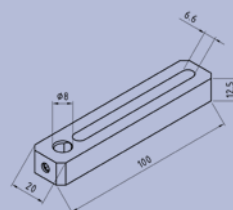
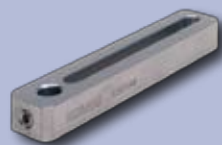


Part No. 550 520

Weight 133 g

Receiver bracket with pin boring

For vertical assembly of any receiving position and angle in space by boom construction as well as for receiving of straight pins and other elements with 8 mm connection pin



Part No. 550 598

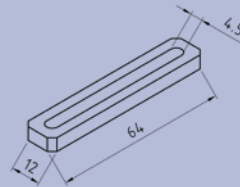
Weight 140 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Receiver bracket mini

For vertical assembly of any receiving position and angle in space by boom construction as well as for receiving of adaptor elements

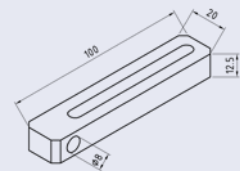


Part No. 550 419

Weight 20 g

Receiver bracket with lateral bore

For assembly of any receiving position and angle in space by boom construction for connection of elements with 8 mm connection pin

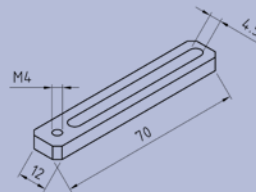


Part No. 550 630

Weight 140 g

Receiver bracket M4 mini

For assembly of any receiving position in space by boom construction with thread M4

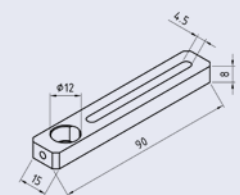


Part No. 550 418

Weight 23 g

Receiver bracket mini

For assembly of any receiving position in space by boom construction and for continuous adjustment of location pins in axial direction

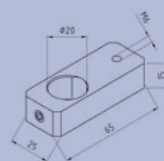


Part No. 550 417

Weight 60 g

Receiver bracket 65

For mounting a spring clip directly on a location pin



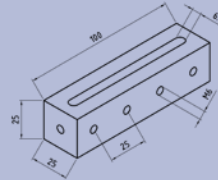
Part No. 550 634

Weight 148 g

Assembly elements

Receiver bracket with thread

For assembly of additional fastening threads for twist-secured screw connection of e.g. receiver brackets or for additional attachment of receiving points



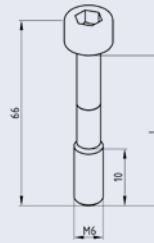
Part No. 550 605

hard-anodized

Weight 125 g

Clamping screw

For rotatable fastening of adaptor elements



Part No. 550 517

550 464 L = 35 mm

550 358 L = 40 mm

550 463 L = 45 mm

550 338 L = 60 mm

Weight 7 g

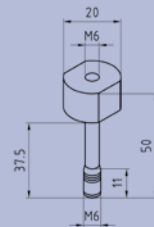
Weight 9 g

Weight 8 g

Weight 12 g

Clamping screw with inside thread

For fastening of adaptor elements and front extension with thread M6



Part No. 550 337

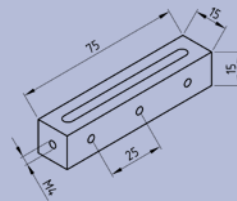
Weight 33 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Receiver bracket with thread mini

For assembly of additional fastening threads for twist-secured screw connection of e.g. receiver brackets or for additional attachment of receiving points

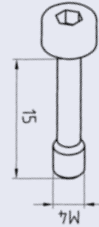


Part No. 550 420

Weight 68 g

Clamping screw mini

For rotatable fastening of adaptor elements

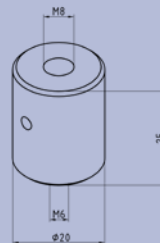


Part No. 550 425

Weight 2 g

Adaptor M6 / M8

Connection element of repro-fix M6 system and thread M8



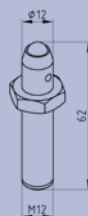
Part No. 550 459

Weight 49 g

Positioning and stopper elements

Ball pressure screw

For precise height adjustment of a bearing point in combination with location pin 550 528 or receiver bracket 550 342



Part No. 550 759

Weight 57 g

Cone receiver

For receiving parts in bores or centerings etc.

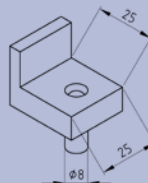
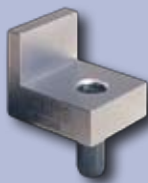


Part No. 550 365

Weight 26 g

Stopper element

For receiving a workpiece in a defined position

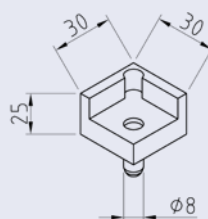


Part No. 550 249

Weight 77 g

Back square

For receiving a workpiece in a defined position in XYZ



Part No. 550 042

Weight 104 g

Back square

For receiving a workpiece in a defined position in XYZ



Part No. 550 248

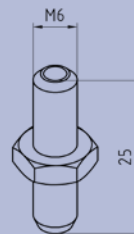
Weight 27 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Ball pressure screw mini

For precise height adjustment of a bearing point with thread M6



Part No. 550 551

Weight 4 g

Cone receiver mini

For receiving parts in bores or centerings etc.

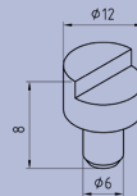


Part No. 550 261

Weight 6 g

Stopper element mini

For receiving a workpiece in a defined position

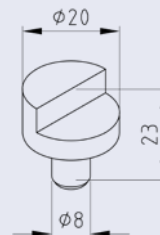


Part No. 550 250

Weight 8 g

Stopper element

For receiving a workpiece in a defined position

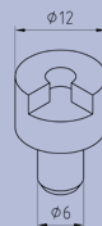


Part No. 550 982

Weight 25 g

Back square mini

For receiving a workpiece in a defined position in XYZ



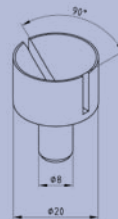
Part No. 550 247

Weight 8 g

Positioning and stopper elements

Centring receiver

For receiving of e.g. rotationally symmetrical parts without a centring

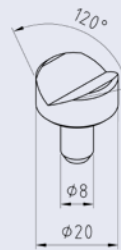


Part No. 550 996

Weight 26 g

V-block

For receiving of e.g. rotationally symmetrical parts in a defined position

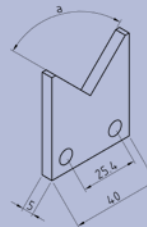


Part No. 550 058

Weight 24 g

Prism

For receiving of e.g. rotationally symmetrical parts in a defined position



Part No.

550 340 a = 90°

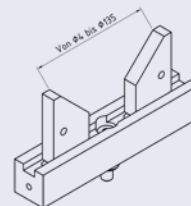
550 341 a = 120°

Weight 56 g

Weight 58 g

Universal prism

For receiving of rotationally symmetrical part of d = 4 to 135 mm in a defined position

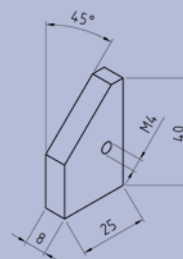


Part No. 550 523

Weight 330 g

Prism wing

Accessory to universal prism



Part No. 550 343

Weight 44 g

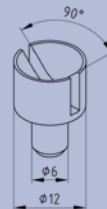
further angles available on demand

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Centring receiver mini

For receiving of e.g. rotationally symmetrical parts without a centring



Part No. 550 995

Weight 7 g

V-block mini

For receiving of e.g. rotationally symmetrical parts in a defined position

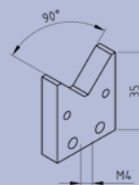


Part No. 550 262

Weight 7 g

Prism mini

For receiving of e.g. rotationally symmetrical parts in a defined position

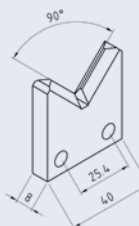


Part No. 550 436

Weight 50 g

Knife-edge prism

For receiving of e.g. rotationally symmetrical parts in a defined position

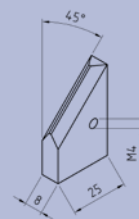


Part No. 550 283

Weight 83 g

Knife-edge prism wing

Accessory to universal prism



Part No. 550 355

Weight 45 g

Positioning and stopper elements

Support

For receiving of workpieces
in a defined position



Part No.

550 049 $a = 90^\circ$ $\beta = 85^\circ$

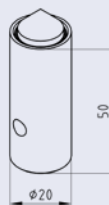
550 056 $a = 120^\circ$ $\beta = 50^\circ$

Weight 60 g

Weight 60 g

Spring-loaded cone

As centering plane support
in case of bores and
centerings



Part No. 550 535

Weight 90 g

Holder for resinous compounds

For making of free-form
receivers



Part No. 550 547

Weight 111 g

Straight pin mini

As stopper element



Part No.

550 451 L = 20 mm

550 452 L = 40 mm

550 435 L = 60 mm

Weight 4 g

Weight 7 g

Weight 12 g

Straight pin

As stopper element



Part No.

550 000 L = 30 mm

550 001 L = 50 mm

550 002 L = 65 mm

550 003 L = 85 mm

Weight 12 g

Weight 19 g

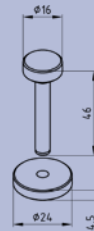
Weight 25 g

Weight 30 g

SYSTEM COMPONENTS

Knurled screw, knurled nut

Can be used as adjustable stopper or clamping element



Part No.

550 550

Knurled screw

550 496

Knurled nut

Weight

19 g

Weight

10 g

Spring-loaded cone mini

As centering plane support in case of bores and centerings



Part No. 550 430

Weight

16 g

2K Resinous compound

For making of free-form receivers



Part No.

550 361

100 g

550 347

400 g

Weight

110 g

Weight

420 g

Straight pin with inside thread

As stopper element



Part No.

550 004

L = 32 mm

550 005

L = 40 mm

550 006

L = 70 mm

550 007

L = 120 mm

Weight

24 g

Weight

32 g

Weight

55 g

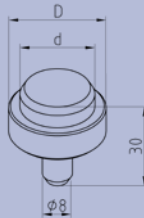
Weight

102 g

Positioning and stopper elements

Straight pin cap

For receiving workpieces
in bores

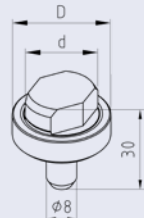


Part No.

550 059	d=4,0 mm	D=10 mm	Weight	25 g
550 060	d=4,5 mm	D=10 mm	Weight	25 g
550 061	d=5,0 mm	D=10 mm	Weight	25 g
550 062	d=5,5 mm	D=10 mm	Weight	26 g
550 063	d=6,0 mm	D=10 mm	Weight	26 g
550 064	d=6,6 mm	D=20 mm	Weight	26 g
550 065	d=8,0 mm	D=20 mm	Weight	27 g
550 066	d=9,0 mm	D=20 mm	Weight	28 g
550 067	d=10,0 mm	D=20 mm	Weight	28 g
550 068	d=11,0 mm	D=20 mm	Weight	29 g
550 069	d=12,0 mm	D=20 mm	Weight	29 g
550 070	d=13,5 mm	D=20 mm	Weight	30 g
550 071	d=16,0 mm	D=20 mm	Weight	32 g
550 072	d=17,5 mm	D=20 mm	Weight	35 g
550 073	d=20,0 mm	D=20 mm	Weight	38 g
550 074	d=22,0 mm	D=26 mm	Weight	58 g
550 075	d=24,0 mm	D=28 mm	Weight	66 g
550 076	d=24,0 mm	D=30 mm	Weight	76 g
550 077	d=26,0 mm	D=32 mm	Weight	85 g
550 078	d=27,0 mm	D=33 mm	Weight	92 g
550 079	d=29,0 mm	D=35 mm	Weight	101 g
550 080	d=30,0 mm	D=36 mm	Weight	108 g
550 080	d=32,0 mm	D=38 mm	Weight	119 g

Swordsphaped pin cap

For receiving workpieces
in bores



Part No.

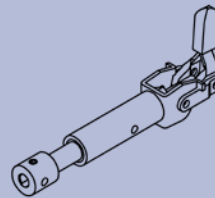
550 081	d=4,0 mm	D=10 mm	Weight	25 g
550 082	d=4,5 mm	D=10 mm	Weight	25 g
550 083	d=5,0 mm	D=10 mm	Weight	25 g
550 084	d=5,5 mm	D=10 mm	Weight	26 g
550 085	d=6,0 mm	D=10 mm	Weight	26 g
550 086	d=6,6 mm	D=20 mm	Weight	26 g
550 087	d=8,0 mm	D=20 mm	Weight	27 g
550 088	d=9,0 mm	D=20 mm	Weight	28 g
550 089	d=10,0 mm	D=20 mm	Weight	28 g
550 090	d=11,0 mm	D=20 mm	Weight	29 g
550 091	d=12,0 mm	D=20 mm	Weight	29 g
550 092	d=13,5 mm	D=20 mm	Weight	30 g
550 093	d=16,0 mm	D=20 mm	Weight	32 g
550 094	d=17,5 mm	D=20 mm	Weight	35 g
550 095	d=20,0 mm	D=20 mm	Weight	38 g
550 096	d=22,0 mm	D=26 mm	Weight	58 g
550 097	d=24,0 mm	D=28 mm	Weight	66 g
550 098	d=24,0 mm	D=30 mm	Weight	76 g
550 099	d=26,0 mm	D=32 mm	Weight	85 g
550 099	d=27,0 mm	D=33 mm	Weight	92 g
550 100	d=29,0 mm	D=35 mm	Weight	101 g
550 101	d=30,0 mm	D=36 mm	Weight	108 g
550 102	d=32,0 mm	D=38 mm	Weight	119 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Axially adjustable centering receiver

For adjustment of workpieces in bores which have to be accessible for measurement

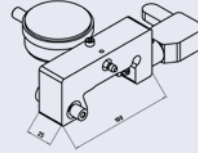


Part No. 550 782

Weight 297 g

Adjustment device for repro-fix S slider

For positioning by micrometer and dial gauge of slider elements on the S-profiles



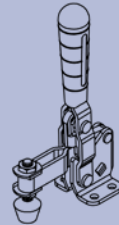
Part No. 550 826

Weight 440 g



Clamping elements

Vertical clamping unit M8

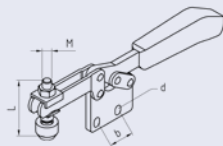


Part No. 550 701
Weight 342 g

Knee lever clamp

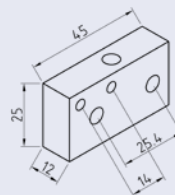


Part No.			
550 009	Clamping member M8	Weight	337 g
550 010	Clamping member M4	Weight	26 g
550 012	Special clamp. member M8 L = 80 mm	Weight	33 g
550 013	Special clamp. member M4 L = 28 mm	Weight	7 g



Fastening element

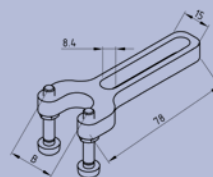
For connection of knee lever clamps and prisms



Part No. 550 522
Weight 95 g

Clamping fork

For clamping of parts having bores or bearing points which have to be accessible for measurement

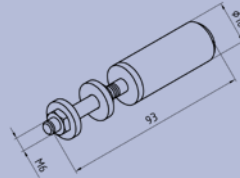


Part No.
550 918 B = 25 mm
550 932 B = 34 mm
Weight 31 g
Weight 35 g
Special types on demand

SYSTEM COMPONENTS

Clamping force limiter

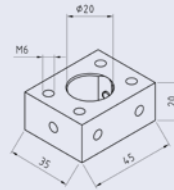
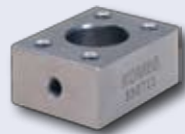
For compensated clamping in case of different material thicknesses of part



Part No. 550 959

Weight 50 g

Fixing plate for vertical clamping unit

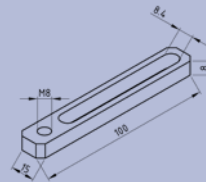
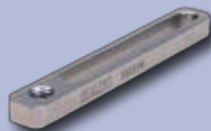


Part No. 550 711

Weight 175 g

Clamp extension M8

For extension of clamping units with clamping member M8

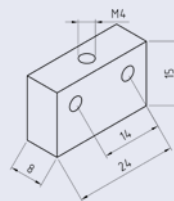


Part No. 550 536

Weight 52 g

Rectangular receiving element mini

For fastening of knee lever clamps with thread M4

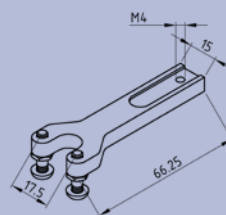


Part No. 550 424

Weight 20 g

Clamping fork mini

For clamping of parts having bores or bearing points which have to be accessible for measurement



Part No. 550 933

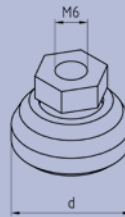
Weight 20 g



Clamping elements

Carrying piece with knuckle

For pressing or receiving of inclined surfaces



Part No.

550 548 d = 13 mm

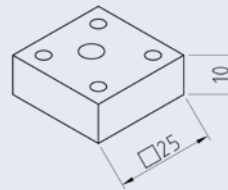
550 549 d = 20 mm

Weight 11 g

Weight 16 g

Fastening plate 25

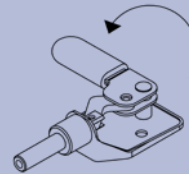
For receiving of vertical and horizontal con-rod clamps M4



Part No. 550 356

Weight 43 g

Con-rod clamp horizontal LH M4

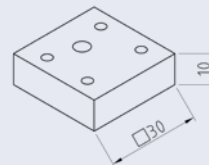
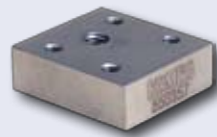


Part No. 550 494

Weight 55 g

Fastening plate 30

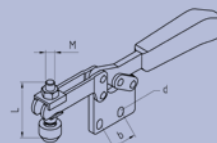
For receiving of vertical con-rod clamp M6 and knee lever clamp M5



Part No. 550 357

Weight 67 g

Knee lever clamp M5



Part No. 550 612

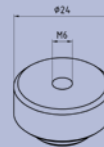
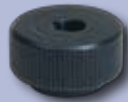
Weight 40 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Quick clamping nut M6

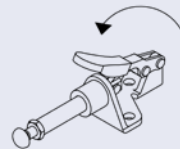
For quick fastening by
threaded bolt



Part No. 550 558

Weight 37 g

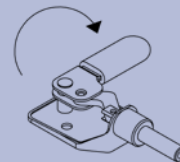
Con-rod clamp vertical M4



Part No. 550 492

Weight 40 g

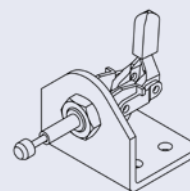
Con-rod clamp horizontal RH M4



Part No. 550 493

Weight 55 g

Con-rod clamp complete M6

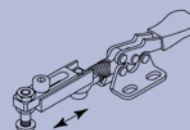
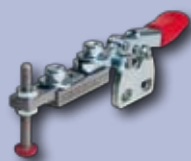


Part No. 550 934

Weight 190 g

Clamp set, adjustable

Zur Längeneinstellung des
Spannpunktes



Part No. 550 277

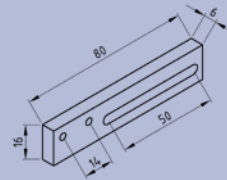
Weight 42 g



Clamping elements

Clamp shifting element

For positioning of knee lever clamp M4

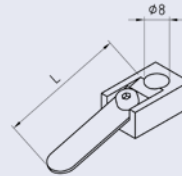


Part No. 550 280

Weight 49 g

Spring clip

For simple and quick clamping of parts



Part No.

550 554 d = 8 mm L = 40 mm

550 279 d = 8 mm L = 60 mm

550 278 d = 6 mm L = 40 mm

550 292 d = 6 mm L = 60 mm

Weight 25 g

Weight 27 g

Weight 27 g

Weight 29 g

Single spring leaves:

550 320 L = 40 mm

550 321 L = 60 mm

550 738 L = 80 mm

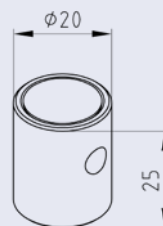
Weight 3 g

Weight 4 g

Weight 5 g

Magnetic receiver

For simple and quick clamping of parts by magnet

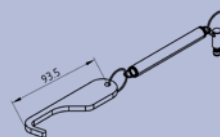


Part No. 550 339

Weight 49 g

Hook spanner

For simple and quick clamping of parts, consisting of clamping hook, spring and connection M6



Part No. 550 211

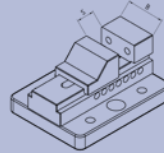
Weight 45 g

SYSTEM COMPONENTS

SYSTEM COMPONENTS

Precision vice

For simple part fixing with base plate for easy mounting on the measuring table



Part No.

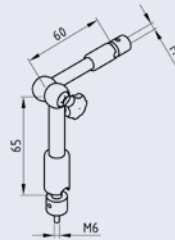
550 470 B = 32 mm

S = 43 mm

Weight 400 g

Hydraulic articulated arm

In connection with e.g. clamping unit or receiving elements, for easy and quick positioning of workpieces within the measuring volume of the CMM



Part No.

550 703 M6/M4 r = 150 mm

550 702 M6/M6 r = 260 mm

Weight 230 g

Weight 670 g

Straight pin with thread

For receiving of spring clip, d = 8 mm, directly on base plates or assembly elements



Part No. 550 716

Weight 32 g

Magnetic receiver mini

For quick and simple clamping of parts by magnet

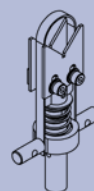


Part No. 550 427

Weight 11 g

Clamping unit with belt

For clamping of small, rotationally symmetrical parts in prisms Variable function unit made of prisms, clamping belt and spring for pull down



Part No. 550 788

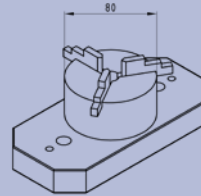
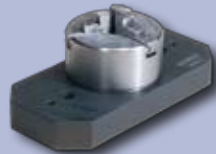
Weight 150 g



Clamping elements

Precision three jawed collet chuck

For simple part fixing with base plate for easy mounting on the measuring table



Part No. 550 472

Outside clamp.range = 2 - 80 mm

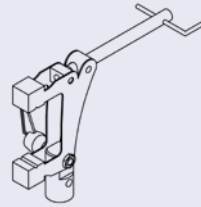
Inside clamp.range = 25 - 78 mm

Weight 1200 g

Further lengths and types on demand

Clamping unit

For easy and quick clamping of workpieces



Part No.

550 707 M4 0-25 mm

550 717 M6 0-50 mm

550 718 M6 0-75 mm

Weight 5 g

Weight 450 g

Weight 650 g

Mobile parts storage facilities MTL



Part No.: 551 084

Lockable drawers with insertable compartments

6 pieces

Drawers 200 mm high 1 piece

Drawers 160 mm high 1 piece

Drawers 100 mm high 2 pieces

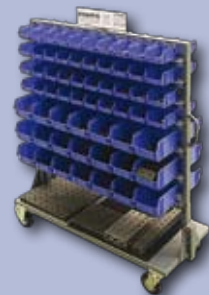
Drawers 70 mm high 1 piece

Drawers 50 mm high 1 piece

Dimensions W/D/H mm
(H with rollers/T with handle)

600/700/960

Mobile parts storage facilities MTO



Part No.: 550 318

Storage boxes

80 x size DF4

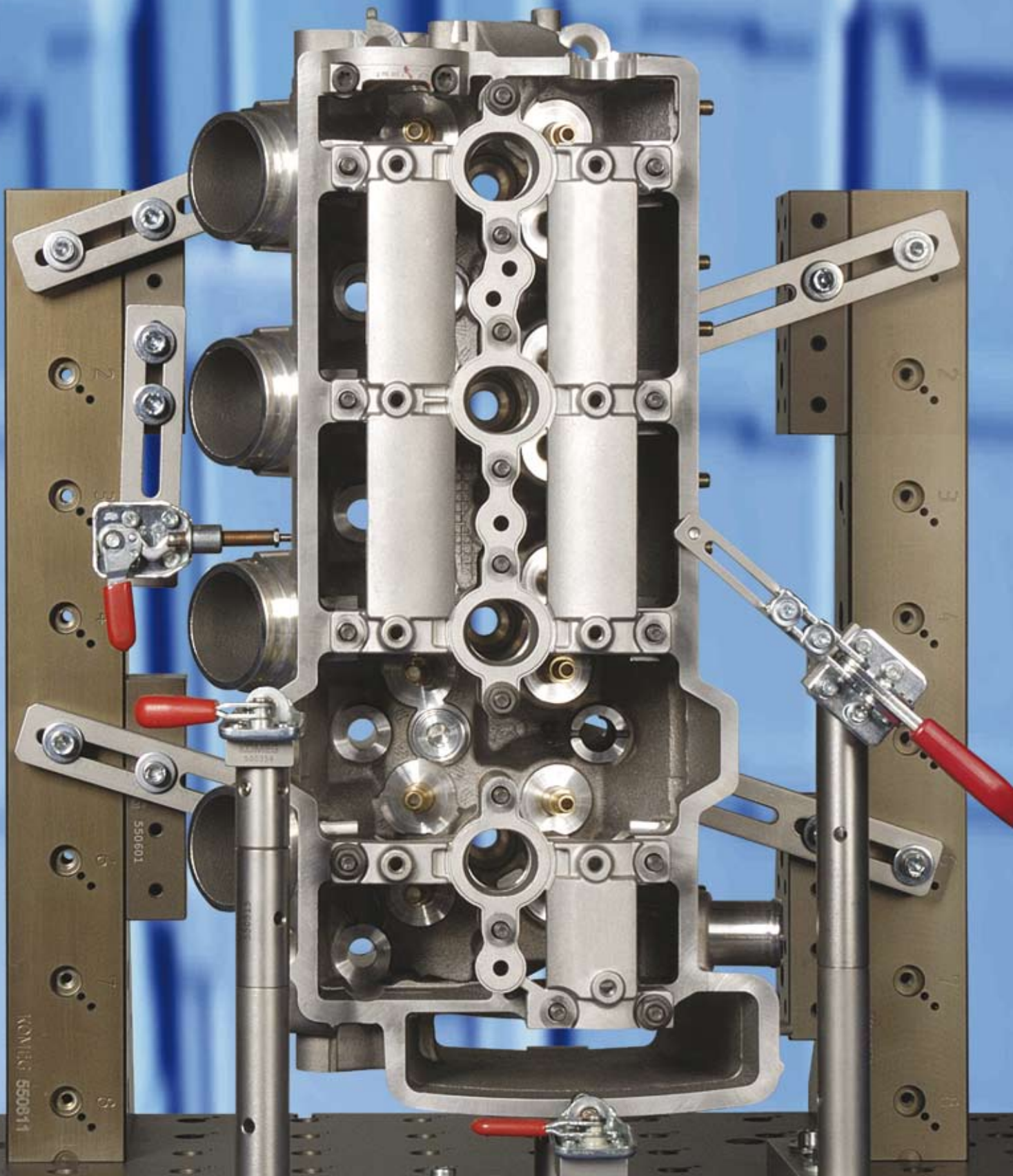
80 x size DF5

Dimensions W/D/H mm
(H with rollers)

1150/600/1450

SYSTEM COMPONENTS

SYSTEM COMPONENTS



Kit repro-set S



Part No.: 550 204

Kit repro-set S

Kit with 81 parts for small and smallest parts on basis of a repro-fix base plate 250 x 250 mm.

A reproducible assembly in modular construction is ensured by the use of precision base solids in the first level and the appropriate indexing rings in the second level.

The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time and in case of reassembly set-up times are reduced to a minimum.



KOMEG KITS

KOMEG KITS

Part No.	Qty.	Part name
550467	1	Base plate repro 250 x 250 mm
550407	6	Precision base solid; d = 12 mm
550408	6	Indexing ring; d = 12 mm
550110	6	Cap screw M6 x 20 mm
550490	1	Screw set SM 1
550410	4	Location pin; L = 12,5 mm
550411	4	Location pin; L = 25 mm
550412	4	Location pin; L = 50 mm
550413	4	Location pin; L = 100 mm
550417	3	Receiver bracket; d = 12 mm
550418	2	Receiver bracket with thread M4
550424	3	Rectangular receiving element
550247	1	Back square; d = 6 mm
550250	1	Stopper element; d = 6 mm
550420	1	Receiver bracket with thread mini
550419	1	Bracket
550421	1	Knuckle joint, complete
550415	2	Adjustable location pin; d = 6 mm
550416	1	Adjustable location pin M4
550430	2	Spring-loaded cone
550261	1	Cone receiver; d = 6 mm
550262	1	V-block; d = 6 mm
550423	1	Cube M4
550422	3	Pivot pin; d = 6 mm / M4
550427	2	Magnetic receiver; d = 12 mm
550425	3	Clamping screw M4 x 20 mm
550278	2	Spring clip without ball
550010	3	Knee lever clamp, small M4
550435	2	Straight pin; d = 6 mm L = 60 mm
550436	2	Prism, flat
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550573	1	Hexagon spanner – ball head SW 2
550368	2	Lever mini d = 3 mm
	81	

- 1 Base plate repro 250 x 250 mm
- 2 Precision base solid
- 3 Indexing ring
- 4 Receiver bracket
- 5 Spring clip



Kit repro-set M

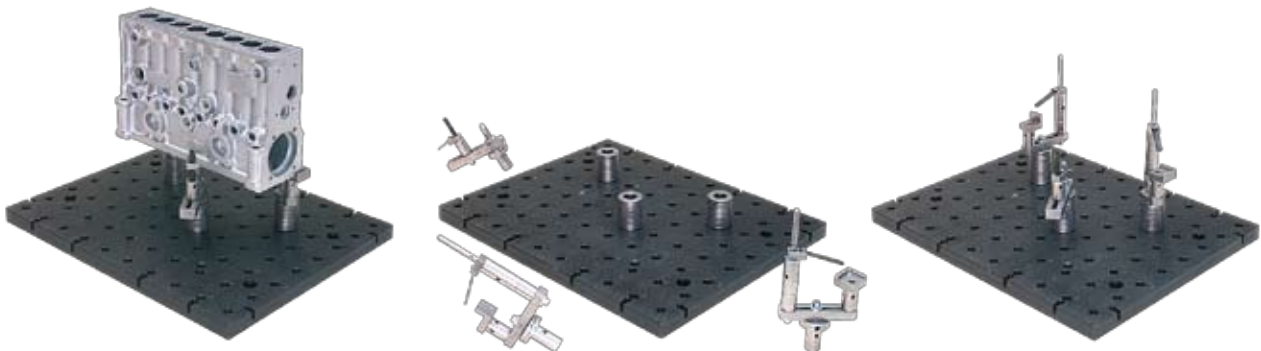


Part No.: 550 206

Kit repro-set M

Kit with 144 parts for small to medium size parts on the basis of a repro-fix base plate 500 x 400 mm.

A reproducible assembly in modular construction is ensured by the use of precision base solids in the first level and the appropriate indexing rings in the second level and in case of reassembly set-up times are reduced to a minimum. The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time.



KOMEG KITS

KOMEG KITS

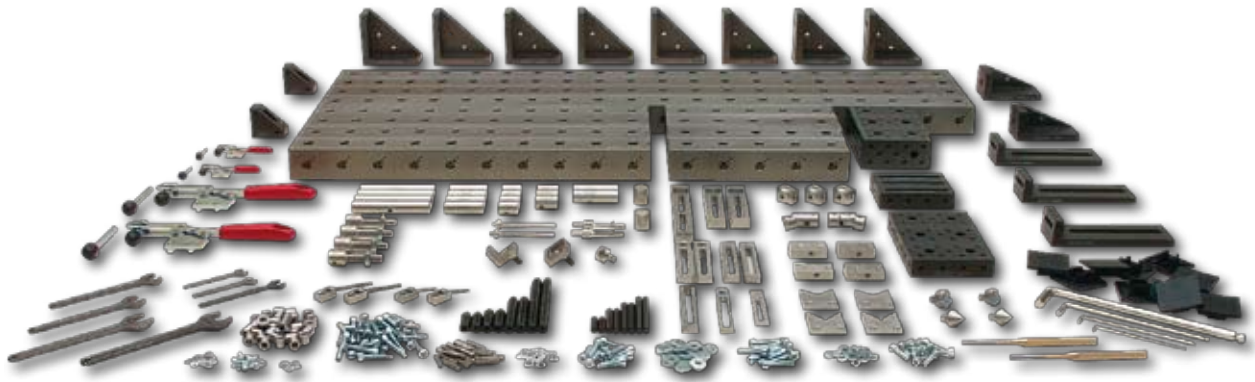
Part No.	Qty.	Part name
550466	1	Base plate repro 500 x 400 mm
550468	6	Precision base solid d = 20 mm
550469	6	Indexing ring d = 20 mm
550110	6	Cap screw M6 x 20 mm
550553	1	Screw set S2
550514	4	Location pin; d = 20 mm L = 25 mm
550515	4	Location pin; d = 20 mm L = 50 mm
550516	4	Location pin; d = 20 mm L = 100 mm
550517	3	Location pin with flat head
550518	2	Receiver bracket; L = 115 mm
550519	1	Receiver bracket; L = 160 mm
550342	2	Receiver bracket M12 x 1,25 mm
550345	2	Receiver bracket M6
550536	1	Clamp extension M8
550522	4	Fastening element
550042	1	Back square
550248	1	Back square, round; d = 8 mm
550249	1	Stopper element, angular; d = 8 mm
550520	1	Receiver bracket
550529	2	Knuckle joint, complete
550461	20	Positioning pin
550526	2	Adjust.location pin, upper part; d = 8 mm
550527	2	Adjust.location pin, upper part M6
550528	2	Adjust.location pin, lower part; d = 20 mm
550365	2	Cone receiver; d = 8 mm
550058	2	V-block; d = 8 mm
550537	2	Height adjustable screw support M6
550521	3	Cube M6
550335	3	Pivot pin
550339	2	Magnetic receiver
550279	2	Spring clip without ball
550554	2	Spring clip without ball
550280	1	Clamp shifting element
550000	2	Straight pin; d = 8 mm L = 30 mm
550001	2	Straight pin; d = 8 mm L = 50 mm
550002	2	Straight pin; d = 8 mm L = 65 mm
550003	2	Straight pin; d = 8 mm L = 80 mm
550004	2	Straight pin w.i.t.; d = 12 mm L = 32 mm
550005	2	Straight pin w.i.t.; d = 12 mm L = 40 mm
550006	2	Straight pin w.i.t.; d = 12 mm L = 70 mm
550007	2	Straight pin w.i.t.; d = 12 mm L = 120 mm
550012	2	Special clamping member M8

Part No.	Qty.	Part name
550013	2	Special clamping member M4
550009	2	Knee lever clamp, large M8
550010	2	Knee lever clamp, small M4
550340	2	Prism 90°
550341	2	Prism 120°
550759	3	Ball pressure screw; d = 8 mm
550716	2	Straight pin with thread, M6 x 75 mm
550123	2	Lever d=5mm
550131	2	Single-end spanner SW 7
550130	2	Single-end spanner SW 13
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550578	1	Hexagon spanner – ball head SW10
550573	1	Hexagon spanner – ball head SW 2
550367	1	Single-end spanner SW 19
550543	1	Single-end spanner SW 10
550542	1	Single-end spanner SW 17
	144	

- 1 Base plate repro 500 x 400 mm
- 2 Precision base solid
- 3 Indexing ring
- 4 Stopper element
- 5 Spring clip



Kit repro-set L



Part No.: 550 205

Kit repro-set L

Kit consisting of 239 parts for large parts and parts with extensive surfaces on the basis of repro-fix grid profiles with lengths from $L = 250$ mm to $L = 1000$ mm.

The flexibility in use of the high-stable grid profiles allows a torsion-resistant assembly in the plane as well as in space and ensures a quick target-oriented point finding.

By the use of extension ashlar and extension plates, the reproducibility can also be ensured in this case.

The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time.



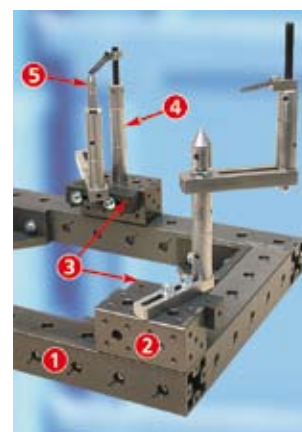
KOMEG KITS

KOMEG KITS

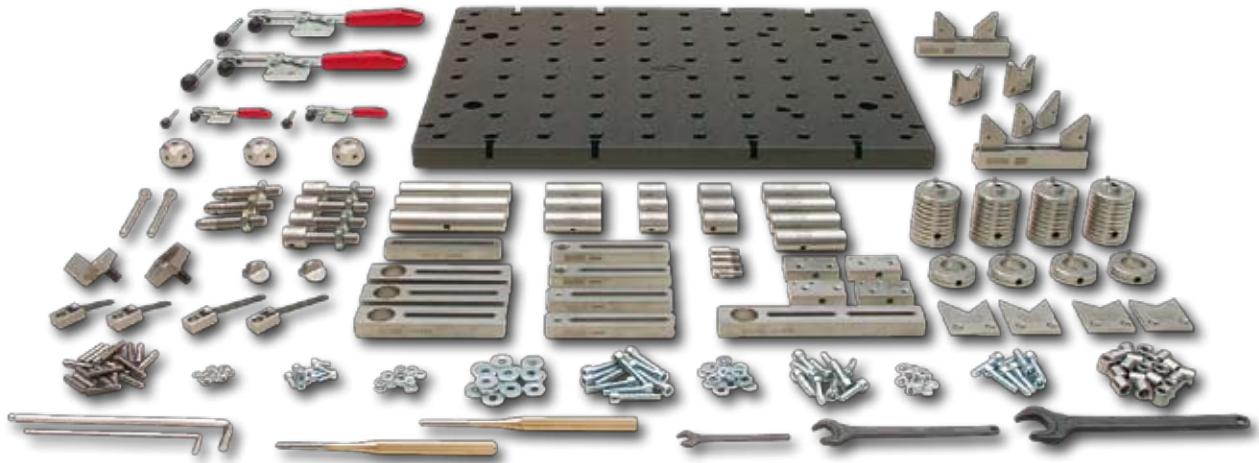
Part No.	Qty.	Part name
550501	4	Grid profile; L = 250 mm
550502	4	Grid profile; L = 500 mm
550503	4	Grid profile; L = 1000 mm
550509	8	Angle 100 / 100 mm, light duty type
550510	2	Angle 50 / 50 mm
550511	2	Angle 100 / 50 mm
550461	34	Positioning pin
550597	3	Extension ashlar
550601	3	Extension plate
550534	10	Cover plate 50 x 50 mm
550564	34	Cap screw M6 x 30 mm
550586	3	Fastening bracket for profile
550605	3	Receiver bracket with thread
550553	1	Screw set S2
550514	4	Location pin; d = 20 mm L = 25 mm
550515	4	Location pin; d = 20 mm L = 50 mm
550516	4	Location pin; d = 20 mm L = 100 mm
550517	3	Location pin with flat head
550518	2	Receiver bracket; L = 115 mm
550519	1	Receiver bracket; L = 160 mm
550342	2	Receiver bracket M12 x 1,25 mm
550345	2	Receiver bracket M6
550536	1	Clamp extension M8
550522	4	Fastening element
550042	1	Back square
550248	1	Back square, round; d = 8 mm
550249	1	Back square, angular; d = 8 mm
550520	1	Receiver bracket
550529	2	Knuckle joint, complete
550461	20	Positioning pin; \varnothing 12,49 mm L = 12 mm
550526	2	Adjust. locat. pin, upper part; d = 8 mm
550527	2	Adjust. location pin, upper part M6
550528	2	Adjust. locat. pin, lower part; d = 20 mm
550365	2	Cone receiver; d = 8 mm
550058	2	V-block; d = 8 mm
550537	2	Height adjustable screw support M6
550521	3	Cube M6
550335	3	Pivot pin
550339	2	Magnetic receiver
550279	2	Spring clip without ball
550554	2	Spring clip without ball
550280	1	Clamp shifting element

Part No.	Qty.	Part name
550000	2	Straight pin; d = 8 mm L = 30 mm
550001	2	Straight pin; d = 8 mm L = 50 mm
550002	2	Straight pin; d = 8 mm L = 65 mm
550003	2	Straight pin; d = 8 mm L = 80 mm
550004	2	Straight pin w.i.t.; d = 12 mm L = 32 mm
550005	2	Straight pin w.i.t.; d = 12 mm L = 40 mm
550006	2	Straight pin w.i.t.; d = 12 mm L = 70 mm
550007	2	Straight pin w.i.t.; d = 12 mm L = 120 mm
550012	2	Special clamping member M8
550013	2	Special clamping member M4
550009	2	Knee lever clamp, large M8
550010	2	Knee lever clamp, small M4
550340	2	Prism 90°
550341	2	Prism 120°
550759	3	Ball pressure screw; d = 8 mm
550716	2	Straight pin with thread M6 x 75 mm
550123	2	Lever d = 5 mm
550131	2	Single-end spanner SW 7
550130	2	Single-end spanner SW 13
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550578	1	Hexagon spanner – ball head SW10
550573	1	Hexagon spanner – ball head SW 2
550367	1	Single-end spanner SW 19
550543	1	Single-end spanner SW 10
550542	1	Single-end spanner SW 17
	239	

- 1 Grid profile
- 2 Extension ashlar
- 3 Receiver bracket with thread
- 4 Location pin
- 5 Ball pressure screw



Kit repro-set Rotation



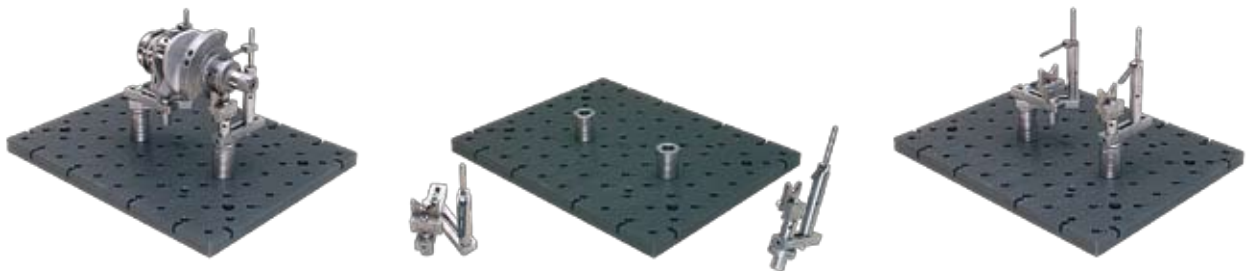
Part No.: 550 943

Kit repro-set Rotation

User-specific kit consisting of **110** parts on the basis of a repro-fix base plate 500 x 400 mm with thread M6, grid distance 50 mm, for receiving of rotationally symmetrical parts with a diameter from 3 mm to 132 mm.

A reproducible assembly in modular construction is ensured by the use of precision base solids in the first level and the appropriate indexing rings in the second level and in case of reassembly set-up times are reduced to a minimum.

The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time, even in case parts with larger diameters have to be measured.



KOMEG KITS

KOMEG KITS

Part No.	Qty.	Part name
550466	1	Base plate repro 500 x 400 mm
550468	4	Precision base solid; d = 20 mm
550469	4	Indexing ring; d = 20 mm
550110	4	Cap screw M6 x 20 mm
550429	1	Screw set S-RT
550514	3	Location pin; d = 20 mm L = 25 mm
550515	3	Location pin; d = 20 mm L = 50 mm
550516	3	Location pin; d = 20 mm L = 100 mm
550517	3	Location pin with flat head
550518	3	Receiver bracket; L = 115 mm
550519	1	Receiver bracket; L = 160 mm
550345	2	Receiver bracket M6
550522	4	Fastening element
550520	1	Receiver bracket
550461	20	Positioning pin
550523	2	Universal prism
550355	2	Knife-edge prism guide
550526	2	Adjust. locat. pin, upper part; d = 8 mm
550527	2	Adjust. locat. pin, upper part M6
550528	4	Adjust. locat. pin, lower part; d = 20 mm
550759	3	Ball pressure screw; d = 8 mm
550058	2	V-block; d = 8 mm
550521	3	Cube M6
550335	4	Pivot pin
550340	2	Prism 90°
550341	2	Prism 120°
550283	2	Knife-edge prism
550279	2	Spring clip without ball
550554	2	Spring clip without ball
550012	2	Special clamping member M8
550013	2	Special clamping member M4
550009	2	Knee lever clamp, large M8
550010	2	Knee lever clamp, small M4
550342	2	Receiver bracket M12 x 1,25 mm
550716	2	Straight pin with thread, M6 x 75 mm

Part No.	Qty.	Part name
550576	1	Hexagon spanner – ball head SW 5
550574	1	Hexagon spanner – ball head SW3
550131	1	Single-end spanner SW 7
550543	1	Single-end spanner SW 10
550367	1	Single-end spanner SW 19
550123	2	Lever d = 5 mm
	110	

- 1 Base plate repro 500 x 400 mm
- 2 Precision base solid
- 3 Indexing ring
- 4 Receiver bracket 115 mm
- 5 Knife-edge prism



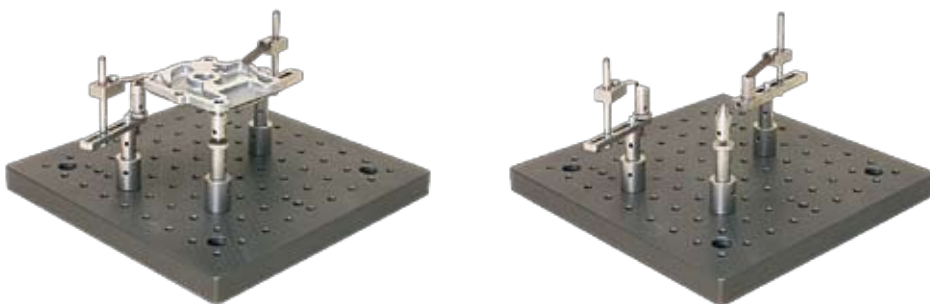
Kit uni-set S



Part No.: 550 207

Kit uni-set S

Kit consisting of 87 parts for small and smallest parts on the basis of a base plate 250 x 250 mm with thread M6, grid 25 mm, for adaptor connection of location pins $d = 12$ mm. The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time.



Mitutoyo

KOMEG KITS

KOMEG KITS

Part No.	Qty.	Part name
550637	1	Base plate uni 250 x 250 mm
550461	8	Positioning pin
550458	8	Adaptor M6 / M4
550557	8	Pin with thread M6 x 25 mm
550490	1	Screw set SM 1
550410	4	Location pin L = 12,5 mm
550411	4	Location pin L = 25 mm
550412	4	Location pin L = 50 mm
550413	4	Location pin L = 100 mm
550417	3	Receiver bracket d = 12 mm
550418	2	Receiver bracket with thread M4
550424	3	Rectangular receiving element
550247	1	Back square d = 6 mm
550250	1	Stopper element; d = 6 mm
550420	1	Receiver bracket with thread mini
550419	1	Bracket
550421	1	Knuckle joint, complete
550415	2	Location pin, adjustable; d = 6 mm
550416	1	Location pin, adjustable M4
550430	2	Spring-loaded cone
550261	1	Cone receiver; d = 6 mm
550262	1	V-block; d = 6 mm
550423	1	Cube M4
550422	3	Pivot pin; d = 6 mm / M4
550427	2	Magnetic receiver; d = 12 mm
550425	3	Clamping screw M4 x 20 mm
550278	2	Spring clip without ball
550010	3	Knee lever clamp, small M4
550435	2	Straight pin; d = 6 mm L = 60 mm
550436	2	Prism, flat
550131	2	Single-end spanner SW 7
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550573	1	Hexagon spanner – ball head SW 2
550368	2	Lever mini d = 3 mm
	87	

- 1 Base plate uni 250 x 250 mm
- 2 Adaptor M6 / M4
- 3 Location pin
- 4 Receiver bracket d = 12 mm



Kit uni-set M

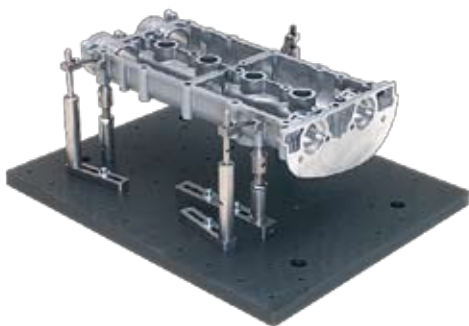


Part No.: 550 208

Kit uni-set M

Kit consisting of 126 parts for medium-size and heavy parts on the bases of a base plate 500 x 400 mm, with thread M6, grid distance 50 mm for direct connection of location pins $d = 20$ mm.

The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time.



KOMEFG KITS

KOMEFG KITS

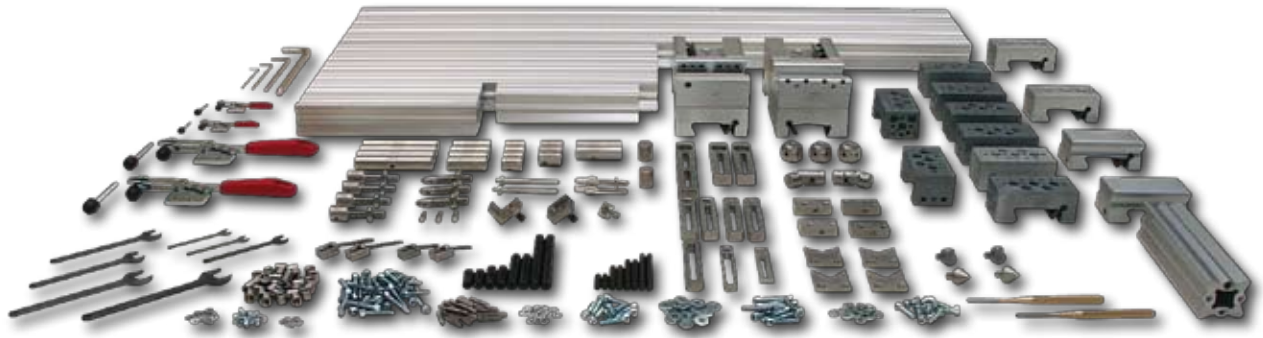
Part No.	Qty.	Part name
550715	1	Base plate uni 400 x 500 mm
550553	1	Screw set S2
550514	4	Location pin; d = 20 mm L = 25 mm
550515	4	Location pin; d = 20 mm L = 50 mm
550516	4	Location pin; d = 20 mm L = 100 mm
550517	3	Location pin with flat head
550518	2	Receiver bracket; L = 115 mm
550519	1	Receiver bracket; L = 160 mm
550342	2	Receiver bracket M12 x 1,25 mm
550345	2	Receiver bracket M6
550536	1	Clamp extension M8
550522	4	Fastening element
550042	1	Back square
550248	1	Back square, round; d = 8 mm
550249	1	Stopper element, angular; d = 8 mm
550520	1	Receiver bracket
550529	2	Knuckle joint, complete
550461	20	Positioning pin
550526	2	Adjust. locat. pin, upper part; d = 8 mm
550527	2	Adjust. location pin, upper part M6
550528	2	Adjust. locat. pin, lower part; d = 20 mm
550365	2	Cone receiver; d = 8 mm
550058	2	V-block; d = 8 mm
550537	2	Height adjustable screw support M6
550521	3	Cube M6
550335	3	Pivot pin
550339	2	Magnetic receiver
550279	2	Spring clip without ball
550554	2	Spring clip without ball
550280	1	Clamp shifting element
550000	2	Straight pin; d = 8 mm L = 30 mm
550001	2	Straight pin; d = 8 mm L = 50 mm
550002	2	Straight pin; d = 8 mm L = 65 mm
550003	2	Straight pin; d = 8 mm L = 80 mm
550004	2	Straight pin w.i.t.; d = 12 mm L = 32 mm
550005	2	Straight pin w.i.t.; d = 12 mm L = 40 mm
550006	2	Straight pin w.i.t.; d = 12 mm L = 70 mm
550007	2	Straight pin w.i.t.; d = 12 mm L = 120 mm
550012	2	Special clamping member M8
550013	2	Special clamping member M4
550009	2	Knee lever clamp, large M8
550010	2	Knee lever clamp, small M4

Part No.	Qty.	Part name
550340	2	Prism 90°
550341	2	Prism 120°
550759	3	Ball pressure screw d = 8 mm
550716	2	Straight pin with thread, M6 x 75 mm
550123	2	Lever d = 5 mm
550131	2	Single-end spanner SW 7
550130	2	Single-end spanner SW 13
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550578	1	Hexagon spanner – ball head SW10
550573	1	Hexagon spanner – ball head SW 2
550367	1	Single-end spanner SW 19
550543	1	Single-end spanner SW 10
550542	1	Single-end spanner SW 17
	126	

- 1 Base plate uni 500 x 400 mm
- 2 Receiver bracket 160 mm
- 3 Adjust. location pin, lower part
- 4 Adjust. location pin, upper part
- 5 Cone receiver



Kit uni-set L

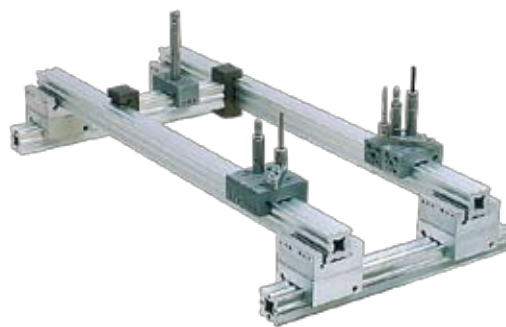
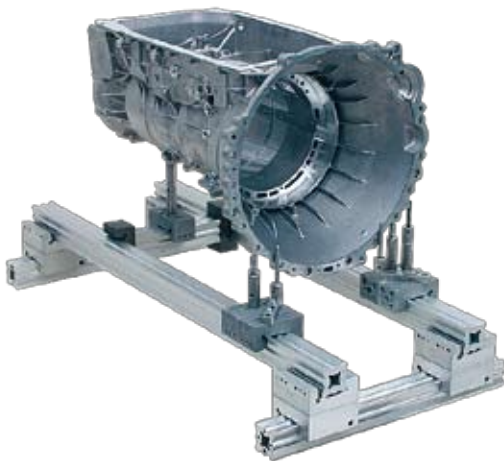


Part No.: 550 209

Kit uni-set L

Kit consisting of 187 parts on the basis of dovetail profiles with lengths from $L = 200$ mm to $L = 1000$ mm for large parts and parts with extensive surfaces.

The flexibility in use of the high-stable and patented KOMEG S-Profiles in combination with cross connectors and slider elements ensures functional stability in the plane as well as in space. It also allows a quick target-oriented point finding. The slider elements with connection thread are continuously adjustable for precise positioning. The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time.



KOMEG KITS

KOMEG KITS

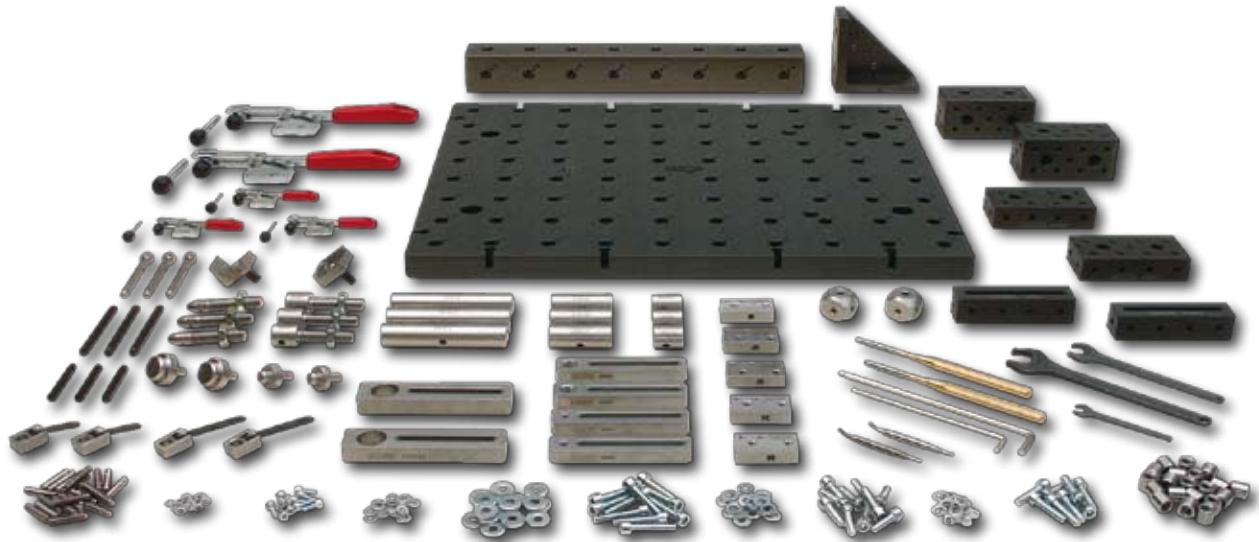
Part No.	Qty.	Part name
550669	2	Profile w. bore grid; L = 200 mm
550670	2	Profile w. bore grid; L = 250 mm
550672	4	Profile w. bore grid; L = 500 mm
550684	4	Profile without b.g.; L = 1000 mm
550647	4	Cross connector
550641	8	Slider element, bore grid
550643	2	Slider element for bracing
550645	2	Slider element, dovetail
550461	40	Positioning pin
550534	10	Cover plate 50 x 50 mm
550772	4	Slider elem. for profile attachm.
550553	1	Screw set S2
550514	4	Location pin; d = 20 mm L = 25 mm
550515	4	Location pin; d = 20 mm L = 50 mm
550516	4	Location pin; d = 20 mm L = 100 mm
550517	3	Location pin with flat head
550518	2	Receiver bracket L = 115 mm
550519	1	Receiver bracket L = 160 mm
550342	2	Receiver bracket M12 x 1,25 mm
550345	2	Receiver bracket M6
550536	1	Clamp extension M8
550522	4	Fastening element
550042	1	Back square
550248	1	Back square, round; d = 8 mm
550249	1	Stopper element, angular; d = 8 mm
550520	1	Receiver bracket
550529	2	Knuckle joint, complete
550526	2	Adjust. locat. pin, upper part; d = 8 mm
550527	2	Adjust. location pin, upper part M6
550528	2	Adjust. locat. pin, lower part; d = 20 mm
550365	2	Cone receiver; d = 8 mm
550058	2	V-block; d = 8 mm
550537	2	Height adjustable screw support M6
550521	3	Cube M6
550335	3	Pivot pin
550339	2	Magnetic receiver
550279	2	Spring clip without ball
550554	2	Spring clip without ball
550280	1	Clamp shifting element
550000	2	Straight pin; d = 8 mm L = 30 mm
550001	2	Straight pin; d = 8 mm L = 50 mm
550002	2	Straight pin; d = 8 mm L = 65 mm

Part No.	Qty.	Part name
550003	2	Straight pin; d = 8 mm L = 80 mm
550004	2	Straight pin w.i.t.; d = 12 mm L = 32 mm
550005	2	Straight pin w.i.t.; d = 12 mm L = 40 mm
550006	2	Straight pin w.i.t.; d = 12 mm L = 70 mm
550007	2	Straight pin w.i.t.; d = 12 mm L = 120 mm
550012	2	Special clamping member M8
550013	2	Special clamping member M4
550009	2	Knee lever clamp, large M8
550010	2	Knee lever clamp, small M4
550340	2	Prism 90°
550341	2	Prism 120°
550759	3	Ball pressure screw; d = 8 mm
550716	2	Straight pin with thread, M6 x 75 mm
550123	2	Lever d = 5 mm
550131	2	Single-end spanner SW 7
550130	2	Single-end spanner SW 13
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550578	1	Hexagon spanner – ball head SW10
550573	1	Hexagon spanner – ball head SW 2
550367	1	Single-end spanner SW 19
550543	1	Single-end spanner SW 10
550542	1	Single-end spanner SW 17
	187	

- 1 Basic profile S50
- 2 Slider element bore grid
- 3 Receiver bracket M6
- 4 Location pin 50 mm
- 5 Location pin 25 mm



Kit uni-set Engine + Gearbox



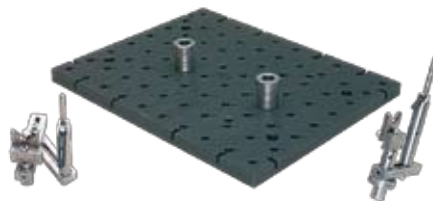
Part No.: 550 940

Kit uni-set Engine + Gearbox

User-specific kit consisting of 110 parts on the basis of a repro-fix base plate 500 x 400 mm with thread M6, grid distance 50 mm for receiving of engine housings and gearbox cases.

The extension ashlars and extension plates in connection with positioning pins allow reproducible pinning of receiving modules.

Due to the compatibility to the other KOMEG repro-fix components, any extension of the kit is possible.



KOMEG KITS

KOMEG KITS

Part No.	Qty.	Part name
550466	1	Base plate repro 500 x 400 mm
550597	2	Extension ashlar
550601	2	Extension plate
550611	1	Grid profile L = 400 mm
550509	1	Angle 100 / 100 mm, light duty type
550461	16	Positioning pin
550605	2	Receiver bracket with thread
550514	3	Location pin; d = 20 mm L = 25 mm
550515	3	Location pin; d = 20 mm L = 50 mm
550516	3	Location pin; d = 20 mm L = 100 mm
550517	3	Location pin with flat head
550526	2	Adjust. locat. pin, upper part; d = 8 mm
550527	1	Adjust. locat. pin, upper part M6
550528	2	Adjust. locat. pin, lower part; d = 20 mm
550759	3	Ball pressure screw d = 8 mm
550518	2	Receiver bracket L = 115 mm
550345	2	Receiver bracket M6
550342	2	Receiver bracket M12 x 1,25 mm
550522	5	Fastening element
550010	3	Knee lever clamp, small M4
550009	2	Knee lever clamp, large M8
550521	2	Cube M6
550042	1	Back square
550249	1	Stopper element, angular; d = 8 mm
550067	2	Straight pin cap; d= 10 mm D = 20 mm
550073	2	Straight pin cap; d= 20 mm D = 26 mm
550001	3	Straight pin; d = 8 mm L = 50 mm
550003	3	Straight pin; d = 8 mm L = 80 mm
550716	3	Straight pin with thread, M6 x 75 mm
550279	2	Spring clip without ball
550554	2	Spring clip without ball
550461	12	Positioning pin; \varnothing 12,49mm L=12mm
550295	1	Screw set S2

Part No.	Qty.	Part name
550123	2	Lever d = 5 mm
550131	2	Single-end spanner SW 7
550130	2	Single-end spanner SW 13
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550578	1	Hexagon spanner – ball head SW10
550573	1	Hexagon spanner – ball head SW 2
550367	1	Single-end spanner SW 19
550543	1	Single-end spanner SW 10
550542	1	Single-end spanner SW 17
	108	

- 1 Base plate repro 500 x 400 mm
- 2 Extension ashlar
- 3 Straight pin with thread
- 4 Spring clip
- 5 Ball pressure screw



Kit uni-set Magnet



Part No.: 550 949

Kit uni-set Magnet

User-specific kit consisting of 66 parts on the basis of a base plate 500 x 400 mm, thread M6, grid 50 mm for receiving of parts by magnets.

Due to the compatibility to the other KOMEG repro-fix elements, any extension of the kit is possible.



KOMEG KITS

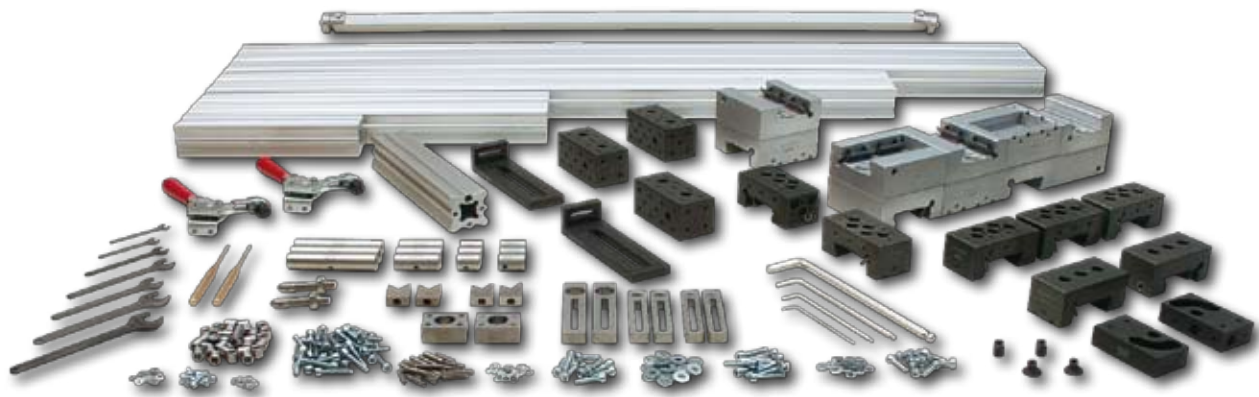
KOMEG KITS

Part No.	Qty.	Part name
550715	1	Base plate uni 500 x 400 mm
550518	2	Receiver bracket; L = 115 mm
550339	6	Magnetic receiver
550514	4	Location pin; d = 20 mm L = 25 mm
550515	4	Location pin; d = 20 mm L = 50 mm
550516	4	Location pin; d = 20 mm L = 100 mm
550461	20	Positioning pin
550557	20	Pin with thread, M6 x 25 mm
550307	1	Screw set MAG
550576	1	Hexagon spanner – ball head SW 5
550574	1	Hexagon spanner – ball head SW 3
550123	2	Lever d = 5 mm
	66	

- 1 Base plate uni 500 x 400 mm
- 2 Receiver bracket 115 mm
- 3 Magnetic receiver
- 4 Location pin 50 mm



Kit uni-set Car Body



Part No.: 550 946

Kit uni-set Car Body

User-specific kit consisting of 96 parts on the basis of dovetail profiles, lengths from L = 250 mm to L = 1250 mm, designed for receiving of car body parts, such as car doors, hoods and other extensive parts in the field of vehicle construction.

The high-stable and patented KOMEG repro-fix S-profiles in connection with cross connectors and slider elements ensure functional stability and torsional strenght in the plane as well as in space and allow a quick target-oriented point finding.

The compatibility to the other KOMEG repro-fix elements allows an extension of the kit at any time.



KOMEG KITS

KOMEG KITS

Part No.	Qty.	Part name
550685	2	Profile without bore grid; L = 1250 mm
550675	1	Profile with bore grid; L = 1250 mm
550672	2	Profile with bore grid; L = 500 mm
550674	2	Profile with bore grid; L = 1000 mm
550670	2	Profile with bore grid; L = 250 mm
550643	2	Slider element for bracing, hard-anodized
550689	1	Bracing; C = 1023 mm
550647	5	Cross connector
550641	5	Slider element, bore grid, hard-anodized
550597	3	Extension ashlar
550586	2	Fastening bracket for profile
550553	1	Screw set S2
550514	3	Location pin; d = 20 mm L = 25 mm
550515	3	Location pin; d = 20 mm L = 50 mm
550516	3	Location pin; d = 20 mm L = 100 mm
550518	2	Receiver bracket; L = 115 mm
550517	3	Location pin with flat head
550054	2	Support; $\alpha = 30^\circ$ $\beta = 60^\circ$
550056	2	Support; $\alpha = 40^\circ$ $\beta = 50^\circ$
550604	2	Swivel plate
550342	2	Receiver bracket M12 x 1,25 mm
550759	2	Ball pressure screw; d = 8 mm
550345	2	Receiver bracket M6
550711	2	Fixing plate for vertical clamping unit
550701	2	Vertical clamping unit M8
550627	1	Clamping force limiter
550549	2	Carrying piece with knuckle M6 x 20 mm
550548	2	Carrying piece with knuckle M6 x 13 mm
550461	20	Positioning pin; \varnothing 12,49 mm L = 12 mm

Part No.	Qty.	Part name
550123	2	Lever d = 5 mm
550131	2	Single-end spanner SW 7
550130	2	Single-end spanner SW 13
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550578	1	Hexagon spanner – ball head SW10
550573	1	Hexagon spanner – ball head SW 2
550367	1	Single-end spanner SW 19
550543	1	Single-end spanner SW 10
550542	1	Single-end spanner SW 17
	96	

- 1 Basic profile S50
- 2 Slider element, bore grid
- 3 Extension ashlar
- 4 Receiver bracket M12 x 1.25 mm
- 5 Clamping force limiter



Kit quick-set M4



Part No.: 550 228

Kit quick-set M4

Kit consisting of 25 parts on the basis of a base plate 250 x 250 mm.

The use of hydraulic articulated arms in connection with spring clip clamping devices and a clamping unit makes quick-fix M4 a simple and flexible solution for quick clamping of small and light parts in case of often changing or non-recurring tasks.



KOMEG KITS

KOMEG KITS

Part No.	Qty.	Part name
550637	1	Base plate uni 250 x 250 mm
550703	3	Hydr. articulated arm M4; r = 150 mm
550705	3	Receiving elem. for art. arm M4; 90 mm
550452	2	Straight pin; d = 6 mm L = 40 mm
550435	2	Straight pin; d = 6 mm L = 60 mm
550278	2	Spring clip without ball
550292	2	Spring clip without ball
550706	3	Ball pressure screw and nut M4
550707	1	Clamping unit 0 - 25 mm / M4
550308	1	Screw set S2
550131	1	Single-end spanner SW 7
550573	1	Hexagon spanner – ball head SW 2
550574	1	Hexagon spanner – ball head SW 3
550368	1	Lever mini d = 3 mm
550123	1	Lever d = 5 mm
	25	

1 Hydraulic articulated arm M4

2 Clamping unit 0 - 25 mm



Kit quick-set M6



Part No.: 550 229

Kit quick-set M6

Kit consisting of 29 parts on the basis of a base plate 500 x 400 mm, for fixing of medium-size parts in case of often changing non-recurring tasks.

The use of hydraulic articulated arms in combination with a clamping unit and spring clip clamping units allows quick and stable positioning in space.

„The simple solution for quick in-between measurement!“

The compatibility to the other KOMEG repro-fix elements allows extension of the kit at any time.



Mitutoyo

KOMEG KITS

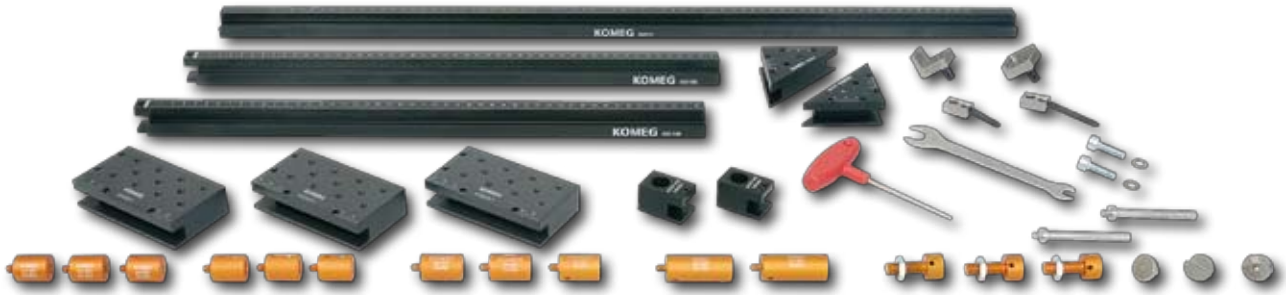
KOMEG KITS

Part No.	Qty.	Part name
550715	1	Base plate uni 500 x 400 mm
550702	3	Hydr. articulated arm M6; r = 260 mm
550704	3	Receiving elem. for art. arm M6 x 100 mm
550001	2	Straight pin; d = 8 mm L = 50 mm
550003	2	Straight pin; d = 8 mm L = 80 mm
550554	2	Spring clip without ball
550279	2	Spring clip without ball
550320	2	Spring leaf; L = 40 mm
550321	2	Spring leaf; L = 60 mm
550551	3	Ball pressure screw and nut M6
550599	1	Clamping unit 0 - 50 mm / M6
550339	1	Magnetic receiver
550309	1	Screw set S2
550543	1	Single-end spanner SW 10
550574	1	Hexagon spanner – ball head SW 3
550576	1	Hexagon spanner – ball head SW 5
550123	1	Lever d = 5 mm
	29	

- 1 Hydraulic articulated arm M6
- 2 Clamping unit 0 - 50 mm
- 3 Receiving element for art. arm M6
- 4 Spring clip



Kit quick-rail



Part No.: 550 914

Kit quick-rail Basic

Kit consisting of 31 parts belonging to the patented „flexible rail system“ for direct mounting onto CMM table. The continuously adjustable rail system allows a very quick assembly of fixtures simply by sliding the basis elements with the integrated adaptor elements.

The quick-rail system is fully compatible to the KOMEQ repro-fix components and thus, an extension of the kit is possible at any time.



KOMEG KITS

KOMEG KITS

Part No.	Qty.	Part name
550911	1	Clamp. prof rail without groove L = 800 mm
550199	2	Rail profile with slot; L = 500 mm
550908	2	Clamping claw QR M8
550909	2	Corner connector QR
550907	3	Clamping plate QR
551040	3	Adjustable location pin Ø 20 mm
551043	3	Location pin Ø 20mm with bore 8 mm
551030	2	Location pin Ø 20mm x 50 mm
551029	3	Location pin Ø 20mm x 25 mm
550279	1	Spring clip, Ø 8mm, L = 60 mm
550554	1	Spring clip, Ø 8mm, L = 40 mm
550042	1	Back square
550249	1	Stopper element, angular ; L = 500 mm
550248	1	Back square, round; d = 8 mm
550982	1	Stopper element Ø 20 mm
551070	1	Support element Ø 20 mm
550716	1	Straight pin with thread M6 x 75 mm
551054	1	Double open-ended spanner SW 10-17
550658	1	Hexagon spanner with t-handle
	31	

- 1 Clamping plate
- 2 Ball pressure screw M12
- 3 Stopper element
- 4 Rail profile





FAX-Order

KOMEG

Industrielle Messtechnik GmbH
Zum Wasserwerk 3
66333 Völklingen
Germany
FAX-No.: +49 6898/91 11 100

We hereby order the following repro-fix elements for delivery to the address mentioned below:

Description	Part No.:	Quantity	Price/item

Company's address:

Delivery address:

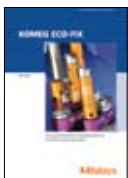
Our order No.:

Signature



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