

# KOMEG ECO-FIX

PRE 983042



The economically priced clamping system for coordinate measuring systems

# KOMEG: Noticeably More Experience. Measurably Better Results.

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 probes 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 m<sup>2</sup> 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.

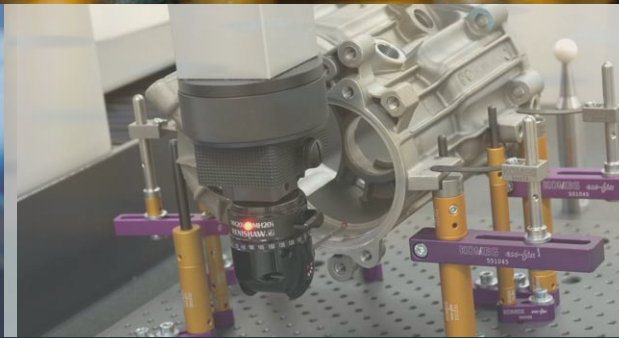
With noticeably more experience. For measurably better results.

KOMEG: We have an idea...



# KOMEG

**KOMEG**



# Systematical Design, Colours for Improved Functionality

The modular clamping system eco-fix allows relaxed working in many ways. For the first time, functions and colours are conjoint in a practice-oriented concept for time-saving economical working and confusion-proof handling.

Systematical design, keeping an eye on the essential: eco-fix concentrates on accomplishing nearly every clamping task in a likewise cost- and performance-optimizing way. Logically assignable elements in an uncomplicated and userfriendly design build up on the base plate equipped only with threads.



The major advantage of eco-fix is that - in contrast to conventional solutions - no additional joints are required due to the state-of-the-art construction. These are the ideas that count in a daily job routine and make eco-fix noticeably better priced than similar systems – without saving on performance and versatility.

The results are systematic efficiency at compelling profitability and considerably reduced costs at enormous versatility.

Even optically eco-fix sets new highlights: The distinctive modern colouring of the eco-fix components is by far more than a styling feature. Due to the clear optical differentiation of the elements the clamping device is distinctly silhouetted against the workpiece to be measured – a decisive advantage for interactive documentation.



# KOMEG ECO-FIX

Another strong point: Assignment of system components during setup and storage is noticeably easier, faster and cannot be mixed up - thus saving time and labor costs – and once again increasing the economic benefit of eco-fix compared to other clamping systems.

The refreshing appearance and state-of-the-art styling of eco-fix are combined with an outstanding durability and resistibility. The system's base plates are made from hardcoated, the receptacle modules from anodized aluminium – which means long-lasting operation even under rougher conditions. Additionally, eco-fix features an extremely high load-carrying capacity.

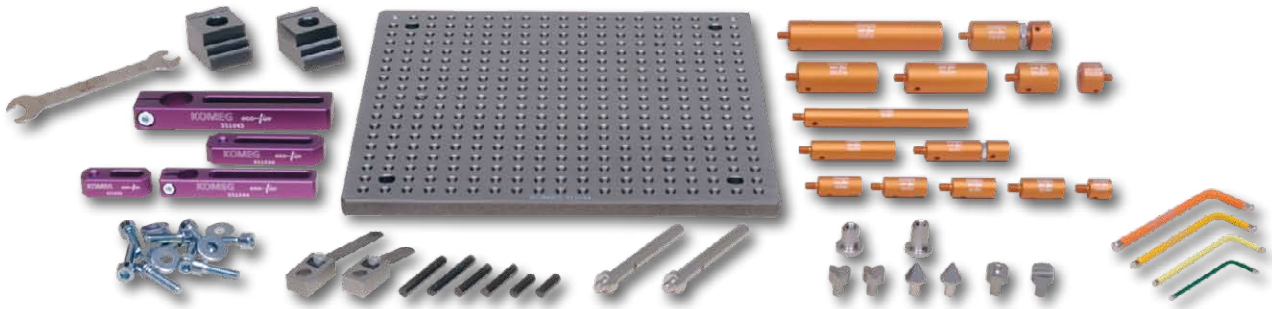
And: The low own weight of the elements ensures easy and safe handling as well as uncomplicated storing. In eco-fix, lightness meets strength!

By the way: eco-fix complements KOMEG's repro-fix clamping system featuring receptacle modules made from hardened steel – approved and successful for many years. eco-fix and repro-fix are combinable and expandable as required.

**KOMEG's eco-fix shows you how fascinating ideas can be!**



# Eco-Fix Kit S

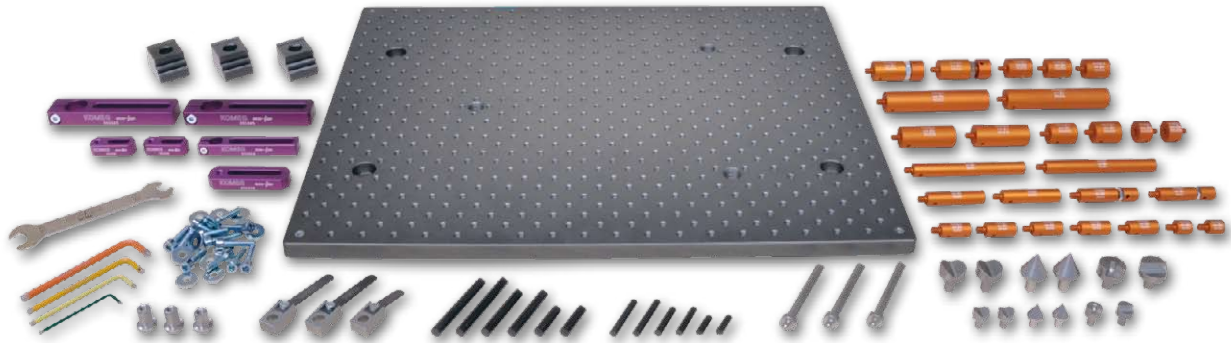


Part No. 551048

| Part No. | Qty. | Part name   |
|----------|------|---|
| 551024   | 1    | Location pin $\varnothing$ 12 mm x 13 mm          |
| 551025   | 1    | Location pin $\varnothing$ 12 mm x 25 mm          |
| 551026   | 1    | Location pin $\varnothing$ 12 mm x 50 mm          |
| 551027   | 1    | Location pin $\varnothing$ 12 mm x 100 mm         |
| 551028   | 1    | Location pin $\varnothing$ 20 mm x 13 mm          |
| 551029   | 1    | Location pin $\varnothing$ 20 mm x 25 mm          |
| 551030   | 1    | Location pin $\varnothing$ 20 mm x 50 mm          |
| 551031   | 1    | Location pin $\varnothing$ 20 mm x 100 mm         |
| 551032   | 2    | Clamping claw eco-fix                             |
| 551034   | 1    | Base plate 250 mm x 250 mm                        |
| 551035   | 1    | Receiver bracket small                            |
| 551036   | 1    | Receiver bracket large                            |
| 551040   | 1    | Adjustable location pin $\varnothing$ 20 mm       |
| 551041   | 1    | Adjustable location pin $\varnothing$ 12mm        |
| 551042   | 3    | Location pin $\varnothing$ 12 mm with bore 6 mm   |
| 551044   | 1    | Receiver bracket L = 90; $\varnothing$ 12 mm      |
| 551045   | 1    | Receiver bracket L = 120; $\varnothing$ 20 mm     |
| 550716   | 2    | Straight pin with thread                          |
| 550279   | 1    | Spring clip, $\varnothing$ 8 mm, L = 60 mm        |
| 550554   | 1    | Spring clip, $\varnothing$ 8 mm, L = 40 mm        |
| 550262   | 2    | V-block mini                                      |
| 550261   | 2    | Cone receiver mini                                |
| 550250   | 1    | Stopper element mini                              |
| 550247   | 1    | Back square mini                                  |
| 550888   | 2    | Straight pin $\varnothing$ 6 mm x 20 mm           |
| 550889   | 2    | Straight pin $\varnothing$ 6 mm x 30 mm           |
| 550890   | 2    | Straight pin $\varnothing$ 6 mm x 40 mm           |
| 551046   | 1    | Slotted nut for receiver bracket h = 12 mm        |
| 551047   | 1    | Slotted nut for receiver bracket h = 15 mm        |
| 551050   | 1    | Allen key 2 mm                                    |
| 551051   | 1    | Allen key 3 mm                                    |
| 551052   | 1    | Allen key 4 mm                                    |
| 551053   | 1    | Allen key 5 mm                                    |
| 551504   | 1    | Double open-ended spanner SW10                    |
| 550591   | 8    | Washer $\varnothing$ 6,4 mm x $\varnothing$ 17 mm |
| 550110   | 6    | Cylinder head screw M6 x 20                       |
| 550563   | 2    | Cylinder head screw M6 x 25                       |
|          | 59   |   |

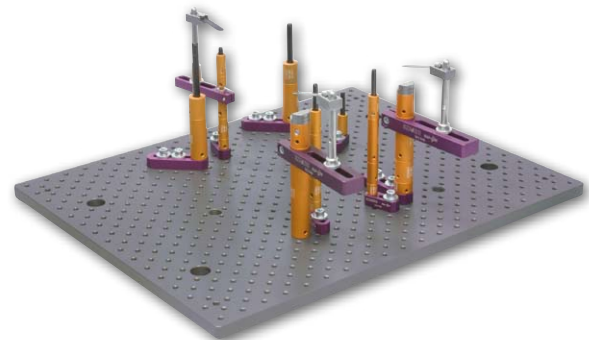
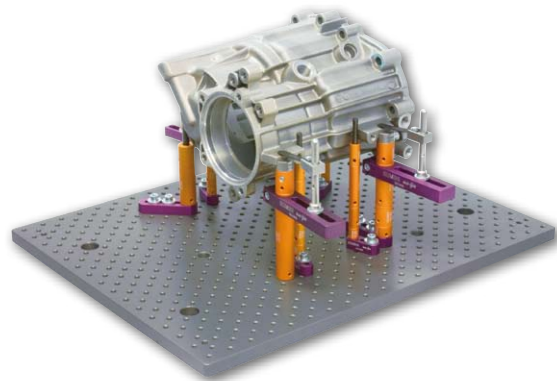


# Eco-Fix Kit L



Part No. 551049

| Part No. | Qty. | Part name                                  |
|----------|------|--|
| 551024   | 2    | Location pin ø 12 mm x 13 mm               |
| 551025   | 2    | Location pin ø 12 mm x 25 mm               |
| 551026   | 2    | Location pin ø 12 mm x 50 mm               |
| 551027   | 2    | Location pin ø 12 mm x 100 mm              |
| 551028   | 2    | Location pin ø 20 mm x 13 mm               |
| 551029   | 2    | Location pin ø 20 mm x 25 mm               |
| 551030   | 2    | Location pin ø 20 mm x 50 mm               |
| 551031   | 2    | Location pin ø 20 mm x 100 mm              |
| 551032   | 3    | Clamping claw eco-fix                      |
| 551033   | 1    | Base plate 500 mm x 400 mm                 |
| 551035   | 2    | Receiver bracket small                     |
| 551036   | 1    | Receiver bracket large                     |
| 551040   | 2    | Adjustable location pin ø 20 mm            |
| 551041   | 2    | Adjustable location pin ø 12 mm            |
| 551042   | 3    | Location pin ø 12 mm with bore 6 mm        |
| 551043   | 3    | Location pin ø 20 mm with bore 8 mm        |
| 551044   | 1    | Receiver bracket L = 90 mm, ø 12 mm        |
| 551045   | 2    | Receiver bracket L = 120 mm, ø 20 mm       |
| 550716   | 3    | Straight pin with thread                   |
| 550279   | 2    | Spring clip, ø 8 mm, L = 60 mm             |
| 550554   | 1    | Spring clip, ø 8 mm, L = 40 mm             |
| 550262   | 2    | V-Block mini                               |
| 550261   | 2    | Cone receiver mini                         |
| 550250   | 1    | Stopper element mini                       |
| 550247   | 1    | Back square mini                           |
| 550058   | 2    | V-block                                    |
| 550365   | 2    | Cone Receiver                              |
| 550982   | 1    | Stopper element                            |
| 550248   | 1    | Back square                                |
| 550888   | 2    | Straight pin ø 6 mm x 20 mm                |
| 550889   | 2    | Straight pin ø 6 mm x 30 mm                |
| 550890   | 2    | Straight pin ø 6 mm x 40 mm                |
| 550000   | 2    | Straight pin ø 8 mm x 30 mm                |
| 550001   | 2    | Straight pin ø 8 mm x 50 mm                |
| 550002   | 2    | Straight pin ø 8 mm x 65 mm                |
| 551046   | 1    | Slotted nut for receiver bracket h = 12 mm |
| 551047   | 2    | Slotted nut for receiver bracket h = 15 mm |
| 551050   | 1    | Allen key 2 mm                             |
| 551051   | 1    | Allen key 3 mm                             |
| 551052   | 1    | Allen key 4 mm                             |
| 551053   | 1    | Allen key 5 mm                             |
| 551504   | 1    | Double open-ended spanner SW10             |
| 550591   | 12   | Washer D = 6,4 mm / D = 17 mm              |
| 550110   | 6    | Cylinder head M6 x 20 mm                   |
| 550563   | 6    | Cylinder head M6 x 25 mm                   |
|          | 98   |  |





### Ask for the KOMET repro-fix Catalogue.

Get concise information about KOMET's manifold ground-breaking CMM clamping systems.



### Ask for the KOMET Probe Catalogue.

Get concise information about KOMET's manifold probe elements.



### Ask for the KOMET opti-fix Catalogue.

Get concise information about KOMET's innovative and economically-priced clamping system.

Coordinate Measuring Machines

Vision Measuring Systems

Form Measurement

Optical Measuring

Sensor Systems

Test Equipment and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments and Data Management

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