

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 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

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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.

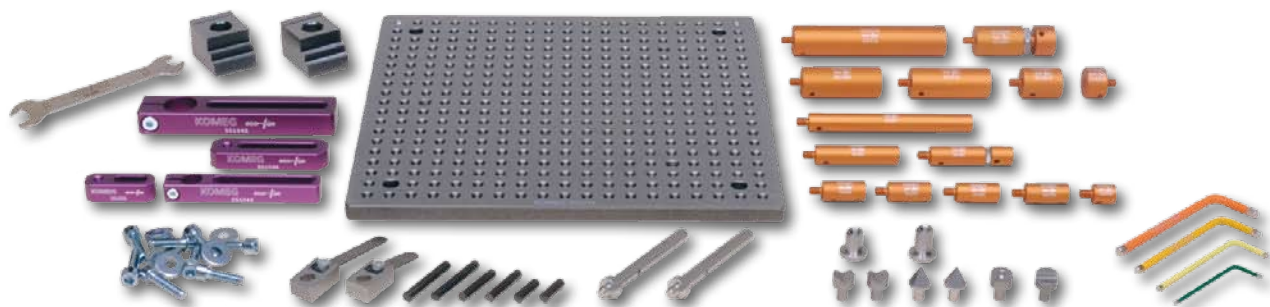
And: The low own weight of the elements ensures easy and safe handling as well as uncomplicated storing. In eco-fix, lightness meets strength!

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

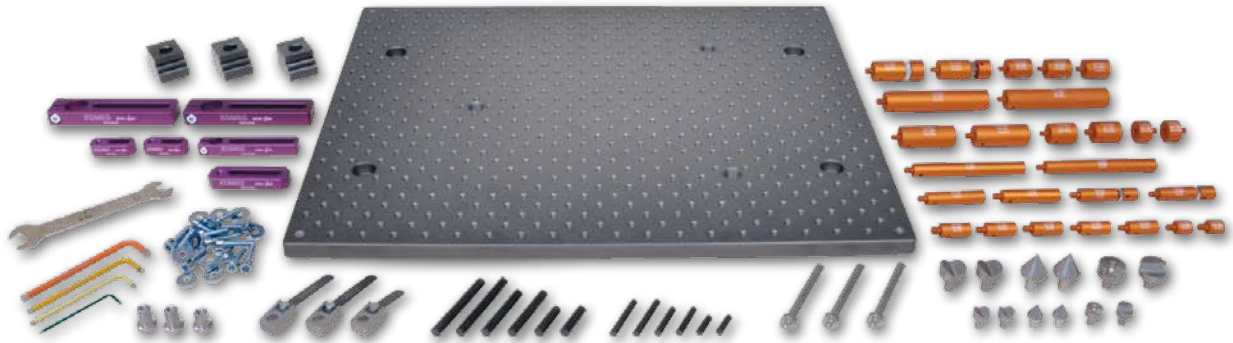


Part No. 551048

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
551054	1	Double open-ended spanner SW 10-17
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
551069	1	Support element \varnothing 12 mm
	60	

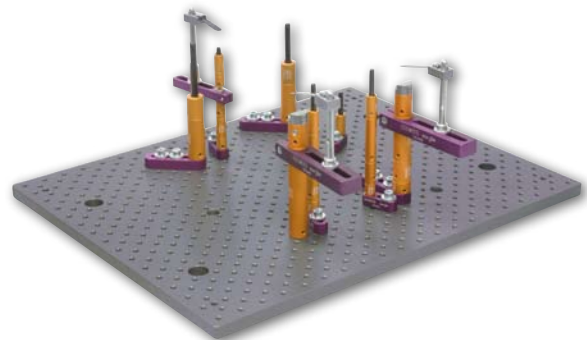
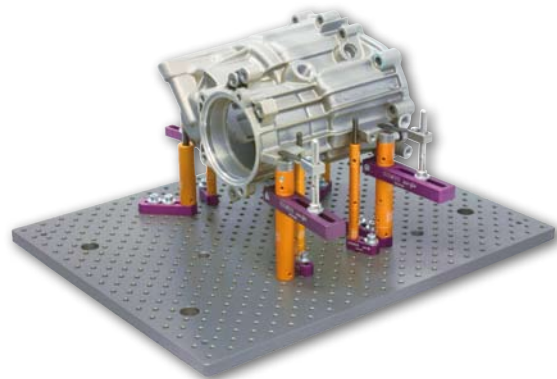


Eco-Fix Kit L



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
551054	1	Double open-ended spanner SW 10-17
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
551069	1	Support element ø 12 mm
551070	1	Support element ø 20 mm
	100	





Ask for our general brochure “Coordinate measuring machines”.

It provides you with a compact overview of the wide diversity offered by next-generation CMM technology developed by Mitutoyo.



Ask for the KOME G repro-fix Catalogue.

Get concise information about KOME G’s manifold ground-breaking CMM clamping systems.



Ask for the KOME G Probe Catalogue.

Get concise information about KOME G’s manifold probe elements.



Ask for the KOME G opti-fix Catalogue.

Get concise information about KOME G’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

Mitutoyo Nederland b.v.
 Storkstraat 40
 3905 KX Veenendaal
 T 0031 318 534911
 F 0031 318 534811
 sales@mitutoyo.nl
 www.mitutoyo.nl

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