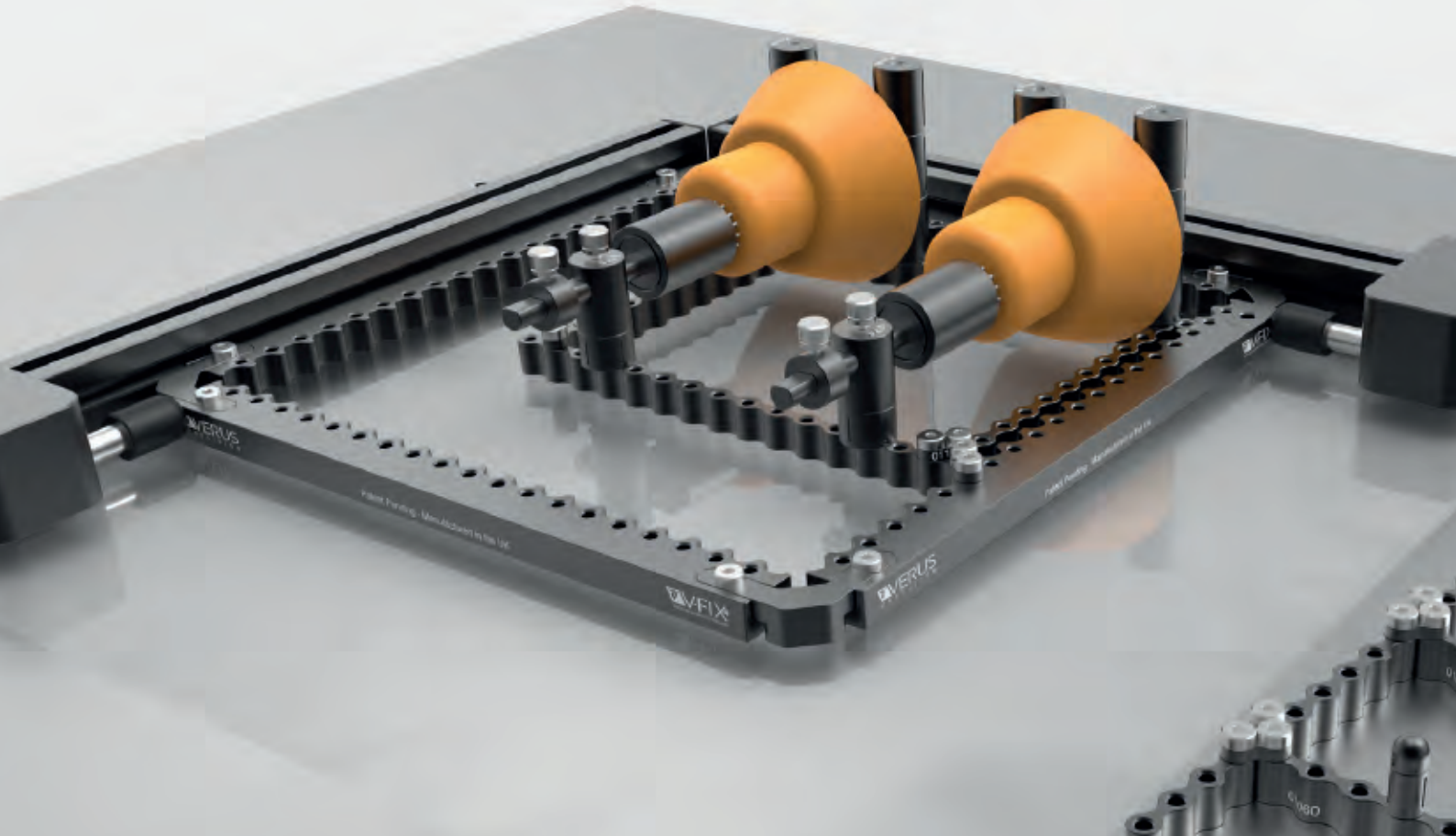


V-FIX⁴™

MODULAR METROLOGY FIXTURES



CATALOGUE 2016

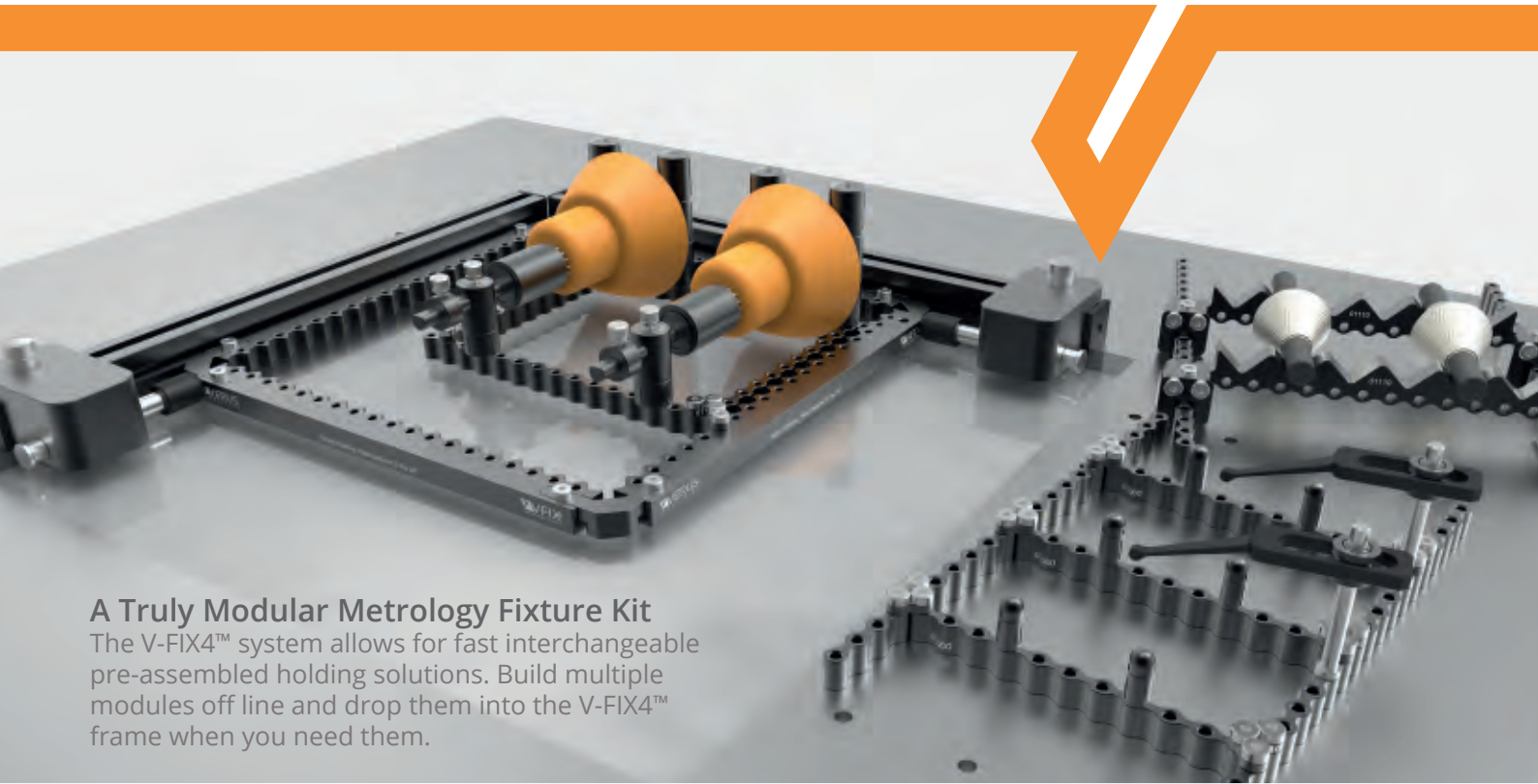
Issue 1



A Verus Precision Product

www.verusprecision.com

Patent Pending



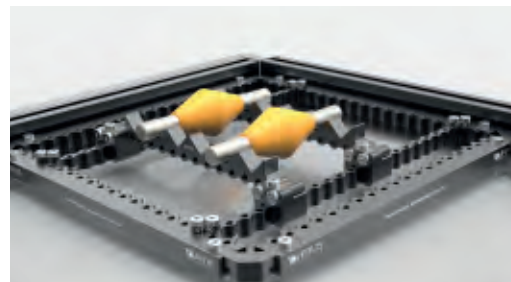
A Truly Modular Metrology Fixture Kit

The V-FIX4TM system allows for fast interchangeable pre-assembled holding solutions. Build multiple modules off line and drop them into the V-FIX4TM frame when you need them.



Maximum Measurement Access

Minimum visual interference due to the unique skeletal system design which requires no base plate.



Completely Flexible

All system components can be assembled in multiple orientations and configurations.



Scalable to Your Specification

Modular design allows rapid extension of kit scale and functionality to accommodate multiple machine and component geometries.



High Quality Precision Manufacture

Hard anodised aluminium construction for durable, robust and repeatable use. Designed and manufactured in the UK and Ireland.

What's in the kit

Basic Kit Options

Product Name	Product Code	3030 Kit	3020 Kit	3015 Kit	2020 Kit	2015 Kit
		Qty	Qty	Qty	Qty	Qty
Outer Rail 150	01010	0	0	2	0	2
Outer Rail 200	01020	0	2	0	4	2
Outer Rail 250	01030	0	0	0	0	0
Outer Rail 300	01040	4	2	2	0	0
Inner Rail 50	01050	4	4	4	4	4
Inner Rail 100	01060	4	4	4	4	4
Inner Rail 150	01070	0	0	4	0	4
Inner Rail 200	01080	0	4	0	4	0
Inner Rail 250	01090	0	0	0	0	0
Inner Rail 300	01100	4	0	0	0	0
Inner Rail Vee	01110	2	0	0	0	0
Corner Connector	01120	4	4	4	4	4
2 Slot Connector	01130	12	12	12	12	12
3 Slot Connector	01140	12	12	12	12	12
4 Slot Connector	01150	4	4	4	4	4
Straight Connector	01160	0	0	0	0	0
Upstand 7-20	01170	6	6	6	6	6
Upstand 7-15	01180	6	6	6	6	6
Upstand 7-10	01190	6	6	6	6	6
Upstand 15-20	01200	6	6	6	6	6
Upstand 15-15	01210	6	6	6	6	6
Upstand 15-10	01220	6	6	6	6	6
Dome Head Pin	01230	4	4	4	4	4
Jill Stand	01240	2	2	2	2	2
Horizontal Pogo	01250	0	0	0	0	0
Convertor	01260	2	2	2	2	2
Adjustable Centres	01270	0	0	0	0	0
Adjustable Peek Clamps	01280	6	6	6	6	6
Clamp Post	01290	6	6	6	6	6
Corner Dock	01310	0	0	0	0	0

What they do



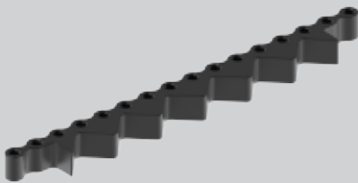
Outer Rails

The Outer Rails come in four sizes; 150mm, 200mm, 250mm and 300mm which can be assembled to suit all measurement machine types.



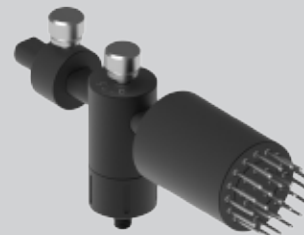
Inner Rails

The Inner Rails come in sizes ranging from 50mm to 300mm stepping in 50mm increments.



Inner Vee Rail

The Inner Vee Rail is 150mm and consists of 6 chambers. Combined with the Converter both horizontal and vertical options are possible.



Horizontal Pogo

Completely unique to the V-FIX⁴™ system is our Horizontal Pogo. The Horizontal Pogo facilitates clamping on complex geometries as each pin can move independently.



Adjustable Peek Clamp

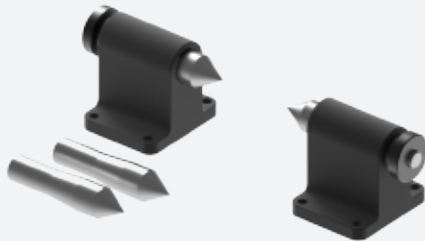
The Adjustable Peek Clamp allows a multitude of positioning scenarios, while the Peek material is both flexible and non-abrasive to the component being held.



Clamp Post

The Clamp Post is used in conjunction with the Adjustable Peek Clamp and if needed the Upstands to reach any height and position needed.

What they do



Adjustable Centres

The V-FIX⁴™ Centres are sprung loaded with the centres being interchangeable to accommodate component variation. Comes with 2 sets of centres.



Jill Stand

The V-FIX⁴™ Jill Stand allows varying height positions which can be locked once set.

Ø15 X 25-30mm



Upstands Ø7mm

Available in the sizes below the Upstands can be used across the entire V-FIX⁴™ system.

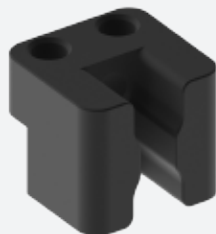
Ø7 X 10mm - Ø7 X 15mm - Ø7 X 20mm



Upstands Ø15mm

Available in the sizes below the Upstands can be used across the entire V-FIX⁴™ system.

Ø15 X 10mm - Ø15 X 15mm - Ø15 X 20mm



Convertor

Converts any horizontal module to a vertical orientation and can be used across the entire V-FIX⁴™ system.



Dome Head Pin

Allows single point contact for component setup.

Ø7 X 6.5mm

What they do



Corner Connector
The Corner Connector allows repeatable assembly of the Outer Rails system.



Straight Connector
The Straight Connector allows repeatable assembly and expansion of the Outer Rail system.



2 Slot Connector
Used to secure all V-FIX⁴™ assemblies.



3 Slot Connector
Used to secure all V-FIX⁴™ assemblies.



4 Slot Connector
Used to secure all V-FIX⁴™ assemblies.



Corner Dock
Our proprietary Corner Dock system can be used to dock a V-FIX⁴™ into a corner of your measurement system*.

*Machine must be specified