

fine boring **SOLUTIONS**

www.alliedmachine.com



Mounts to custom
designed boring tools



Available with
digital 3E^{TECH+} or
analogue adjustment



Accurate adjustments
with easy-to-use
settings



NEW
LAY DOWN CARTRIDGE

ES-BORE



**ALLIED MACHINE
& ENGINEERING**

Allied Machine offers a wide range of drilling, boring, reaming, burnishing, and threading tools to lower your **cost per hole**.



ES-BORE LAY DOWN CARTRIDGE



Digital ES-Bore with 3E^{TECH+}
accuracy of 0.001 mm



Analogue ES-Bore
accuracy of 0.005 mm

ES-Bore

Holder Type	Cutting Direction	Approach Angle	ISO	Insert Form	Part No.	
					Digital (3E ^{TECH+})	Analogue
	Right	90°	CC.. 0602..	101	345032	345036
	Left	90°	CC.. 0602..	101	345033	345037
	Right	90°	TOGX 0802..	20	345042	345046
	Left	90°	TOGX 0802..	20	345043	345047
	Right	95°	CC.. 0602..	101	345030	345034
	Left	95°	CC.. 0602..	101	345031	345035
	Right	95°	TOGX 0802..	20	345040	345044
	Left	95°	TOGX 0802..	20	345041	345045

NOTE: ES-Bore digital fine boring cartridges must be used with the new 3E^{TECH+} module and adapter plate. The ES-Bore cannot be used with 3E^{TECH} module.

NOTE: 3E^{TECH+} module, adapter and charging unit sold separately.

Accessories

Part	Part No.
3E ^{TECH+} Digital Readout Module	536015
Adapter Plate (right)	536017
Adapter Plate (left)	536018
3E ^{TECH+} Charging Unit	536016

NOTE: 3E^{TECH+} module, adapter and charging unit are each sold separately

NOTE: Adapter is required for use of 3E^{TECH+} module on ES-Bore cartridge



NOTE: Metric display pictured
NOTE: Adjustment accuracy of 0.001 mm on diameter



ES-BORE

Ø ≥ 28.00 mm

The ES-Bore lay down cartridge can easily be mounted onto the body of a custom tool while the dimensions allow the cartridge to fit on existing bodies and replace current lay down cartridges.

Allied Machine offers expert engineering support. Whether you need a quote, a test, or an application solution, a highly skilled and trained engineer is standing by, ready to help.

www.alliedmachine.com/contactus

Literature Order Number: ES-BORE-FL_EU-EN

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