

Universal Components and Accessories



Cross Block

BGS001

The Cross Block is used to connect two components together with one oriented perpendicular to the other.



Connector Block

BGS003

The Connector Block is used to connect two components together in-line with each other.



Pivot Block

BGS004

The Pivot Block is used to connect two components together and provide one lockable degree of freedom between the components.



Wheel Block

BGS008

Three of the sides of the Wheel Block feature dovetail grooves so that it may be attached to other components. A Brake (BTS018) may be installed in the fourth side to lock the wheel. One (1) BTS031 Magnetic Wheel is included.



Double Wheel Block Bracket

BGS048

The Double Wheel Block Bracket is used to mount 2 Wheel Blocks (BGS008) to a Slide Bar.



Stick

BGS016-

The Stick is a basic building component with dovetail grooves on all six sides. Various lengths are available to provide versatility.

Bar Length (cm)	
6	14
8	16
10	18
12	20



Swivel

BGS017

The Swivel connects two components together at right angles and provides one degree of freedom as shown.



Stabilizer Arm with Rotating Joint

CMS006

The Stabilizer Arm with Rotating Joint may be used like the Fixed Stabilizer Arm, but also provides an attachment point for a Stix Frame Side Member (BGS021 see Stix section). A Wheel Block (BGS008) may then be attached to the Stix Frame Side Member to increase tracking of a Microbe scanner on larger pipes.



Handle

CMS004

The Handle may be attached into any dovetail groove.



Removable Knob, M4

PHS021

The Removable Knob provides a tool less method for tightening and loosening most M4 socket head cap screws. It is removable to improve flexibility.



Removable Knob

BTS017

The Removable Knob, which is included by default with most scanning systems, provides a tool less method for tightening and loosening most dovetail connections. It is removable to improve flexibility.



Brake

BTS018

The Brake features a ratchet style handle which may be orientated in the most convenient direction. The brake is engaged by rotating the handle clockwise, and disengaged counterclockwise. It is used in the Microbe as well as the Wheel Block (BGS008).



Universal Tool

CMA006

This tool may be used where a Removable Knob is not feasible because of space restraints. The opposite end may be used for most locations where hex socket screws were necessary.



Encoded Wheel Block

BGS009-A30

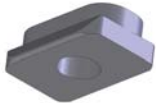
The Encoded Wheel Block is like the Wheel Block (BGS008), but provides encoder feedback. Output is RS422 compatible line driver, 271counts/inch (quadrature decode), power requirements are 4.5-5.5VDC 25ma. One (1) BTS031 Magnetic Wheel is included.



Magnetic Wheel

BTS031

The Magnetic Wheel is used in the Microbe as well as the Wheel Block BGS008. In both applications, two Magnetic Wheels may be installed to effectively double the attraction force.



Dovetail Nut

BT0014

The dovetail nut is used in many components to connect with dovetail grooves on other components.



Long Wheel Block Bracket

BGS045

The long wheel block bracket can be used to mount a wheel block (BGS008) to a frame member or slide bar. Vertical offset is 0.75"



Short Wheel Block Bracket

BGS029

The short wheel block bracket can be used to mount a wheel block (BGS008) to a frame member or slide bar. Vertical offset is 0.5"



Offset Block

PHS020

The offset block can be used to mount a probe holder when greater offset is needed between frame member or slide bar and scanning surface. Vertical offset is 0.31". Horizontal offset is 0.9"




Stix Wrench

BG0041

The Stix Wrench is used for loosening and tightening the colored nut on Frame Side Members (BGS021) and Frame Ends (BGS022)



Irrigation Manifold

CMG002- 

The irrigation manifold can be configured for different sizes of inlet and outlet tubing. It has a maximum of 6 outlets and comes with 4 plugs to block unused ports. 4m of outlet tubing is also supplied.

Outlet tube O.D.
1/16i, 3/32i, 1/8i, 3/16i
Inlet tube O.D., 1/8i, 4mm,
6mm, 1/4i, 8mm, 3/8i, 10mm



Cable Clamp

CMA007

The Cable Clamp is used to hold an encoder cable to any scanning system. It also acts as a strain relief.



Divisible Conduit Mounting Bracket

CES025

The Divisible Conduit Mounting Bracket is available to bundle extra cables Using PMA-Flex. The bracket allows the conduit to be mounted to any feature with a dovetail such as a link or frame bar.



Spring Loaded Encoder

BGS030-A30

Encoder Assembly may be mounted on any Slide Bar with its integrated dovetail clamp. It includes a non-magnetic wheel which remains in contact with the inspected surface by means of a torsion spring. Patch cables are available to input the encoder signal into most major instruments.