

PREMIER MOUNTING VERSATILITY FOR HELWIG BPKs™

MULTIFIT[®] BRACKET BEARING PROTECTION

helwigcarbon.com/shaft-grounding/multifit-brackets

- BRACKETS COVER SHAFT SIZES RANGING FROM 0.5" - 6"
- MOUNTS USING EXISTING RETAINING BOLTS

RUGGED STAINLESS STEEL BRACKETS

2-BOLT
MULTIFIT BRACKET
HELVIGCARBON.COM
BEARING PROTECTION
241561

3-BOLT
MULTIFIT BRACKET
HELVIGCARBON.COM
BEARING PROTECTION
033067

1-BOLT
MULTIFIT BRACKET
HELVIGCARBON.COM
BEARING PROTECTION
012245
ADJUSTABILITY USING SLOTS & INDEXING

4-BOLT
MULTIFIT BRACKET
HELVIGCARBON.COM
BEARING PROTECTION
044782

CENTERING TRIANGLE FOR OPTIMAL BPK™ PERFORMANCE

EXTENDER PLATE INCLUDED FOR HARD TO REACH MOTOR SHAFTS

SLOTTED MOUNTING WINGS OFFER A WIDE RANGE OF BOLT DISTANCE ACCEPTANCE

COMPATIBLE WITH:

- BPK-IM5
- BPK-SB
- BPK-S
- BPK-AM

FULL HARDWARE KIT INCLUDED

BRACKET CLIPS STANDARDIZE THE INTERFACE BETWEEN THE HARDWARE AND BRACKETS

STACKABLE STANDOFFS PROVIDE RELIEF FROM SHOULDERS & KEYWAYS

- IDEAL MOUNTING ACCESSORY FOR MOTOR SHOPS & FIELD INSTALLS
- IN STOCK & READY TO SHIP



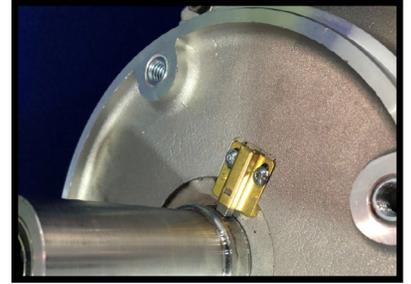
KEY ADVANTAGES

- MultiFit Brackets provide a solid and adjustable base for mounting a Helwig BPK™ without drilling and tapping
- These brackets were designed with versatility in mind, catering to field installs, motor shops and harsh environments
- Use our online **MULTIFIT BRACKET SELECTION TOOL** to determine the best solution for your application

OTHER INSTALLATION OPTIONS

Drill & Tap

- An age old process to “more permanently” mount a BPK, by creating threads on the inner surface of a drilled hole
- A variety of taps are available to match almost any screw type available, including metric and standard measurements. Information required to select the drill bit includes thread count, diameter, thread pitch, and coarse/fine threads.
- Be certain not to drill too deep causing potential damage to the motor internals
- See BPK Installation Instructions for correct mounting bolt size



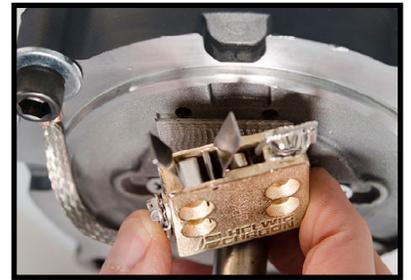
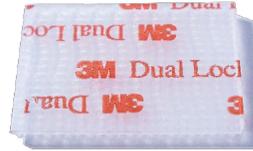
3M VHB™ Foam Tape

- A high-strength, double-sided acrylic foam tape to quickly and easily adhere a BPK. VHB tape creates a long-lasting bond that actually builds strength over time
- VHB tape has the ability to join to a variety of materials including aluminum, steel, glass, plastics and painted, powder-coated surfaces and is high temperature rated up to 220°F
- Must use included grounding strap/wire with VHB tape



3M Dual Lock™ Reclosable Fasteners

- This unique interlocking mushroom-head technology is strong, versatile, durable, easy to install, temperature, moisture and UV resistant
- Dual Lock takes away the alignment headache by eliminating the need to pre-drill holes and can be opened & closed up to 1,000 times before losing 50% of the original tensile strength
- Must use included grounding strap/wire with Dual Lock, available for larger kits



CUSTOM MOUNTING BRACKETS

- For large quantities, we can develop custom brackets for a tailored solution
- Motor OEMs like WEG, Teco Westinghouse, NAE, and World Wide Electric have partnered with Helwig to design multiple custom brackets for their specific motor frames

BPK™ Selection Guide

Shaft Diameter 0.0" 0.5" 1.0" 1.5" 2.0" 2.5" 3.0" 3.5" 4.0" 4.5" 5.0" 5.5" 6.0"

0mm 13mm 25mm 38mm 50mm 64mm 75mm 89mm 101mm 114mm 127mm 140mm 152mm

	0.0"	0.5"	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"	4.5"	5.0"	5.5"	6.0"
BPK-IM2													
BPK-IM5													
BPK-4 / S / SB													
BPK-AM													

- Adjust kit until perpendicular to shaft, use the red retaining clip to set shaft-to-BPK distance
- Ensure the shaft has a surface finish between 8 and 63 RMS (standard motor shaft finish)
- For shaft diameters larger than 6.0" (152mm) or for high vibration/extremely rough applications please contact Helwig for assistance: (800) 962-4851 or carboncrew@helwigcarbon.com