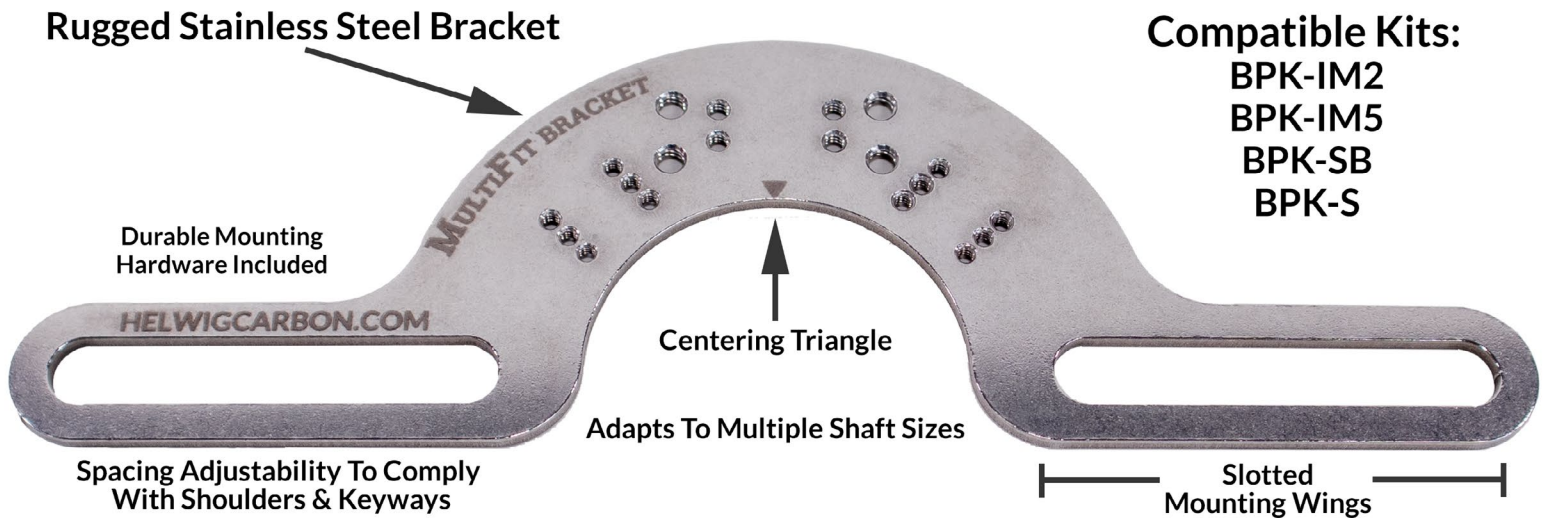


# MULTIFIT BRACKETS

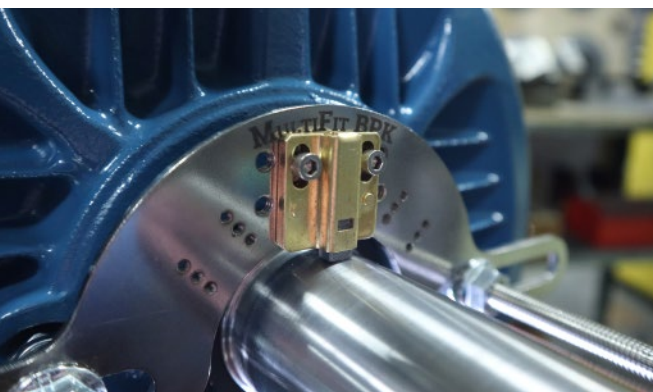
[helwigcarbon.com/shaft-grounding](http://helwigcarbon.com/shaft-grounding)



■ IDEAL MOUNTING ACCESSORY FOR MOTOR SHOPS & FIELD INSTALLS

Bolt Pattern	2 or 4		3	
Bracket Style				
Shaft Size	Standard 0.5" - 3.5"	Metric 13mm - 89mm	Standard 1.25" - 3.5"	Metric 32mm - 89mm
Bolt Size	#12, 1/4", 5/16", 3/8"	M4, M6, M8, M10	5/16", 3/8"	M8, M10
Bolt Center Distance	2.36" - 9.06"	60mm - 230mm	3.07" - 7.84"	78mm - 199mm

■ IN STOCK & READY TO SHIP IN 1-2 BUSINESS DAYS



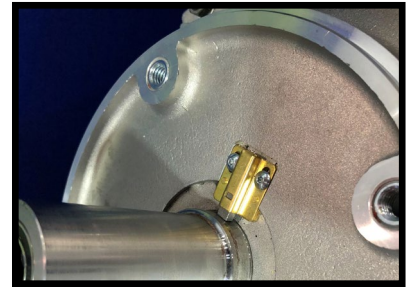
## KEY ADVANTAGES

- 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
- Installation in as little as 15 minutes

# OTHER INSTALLATION OPTIONS

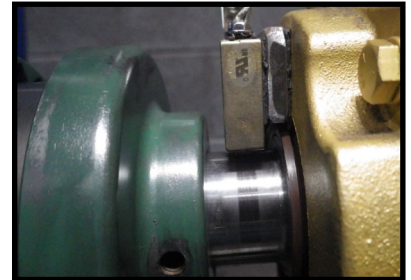
## Drill & Tap

- 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



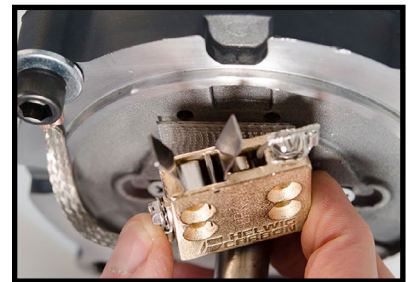
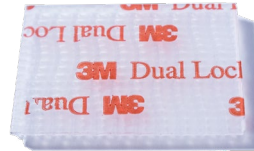
## 3M VHB™ Foam Tape

- 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"
<b>BPK-IM2</b>													
<b>BPK-IM5</b>													
<b>BPK-4 / S / SB</b>													
<b>BPK-AM</b>													

- 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