

ISOLOC - Appendix I

VGS Guidebush and Bit Selection

VGS: The Leigh Variable Guidebush System

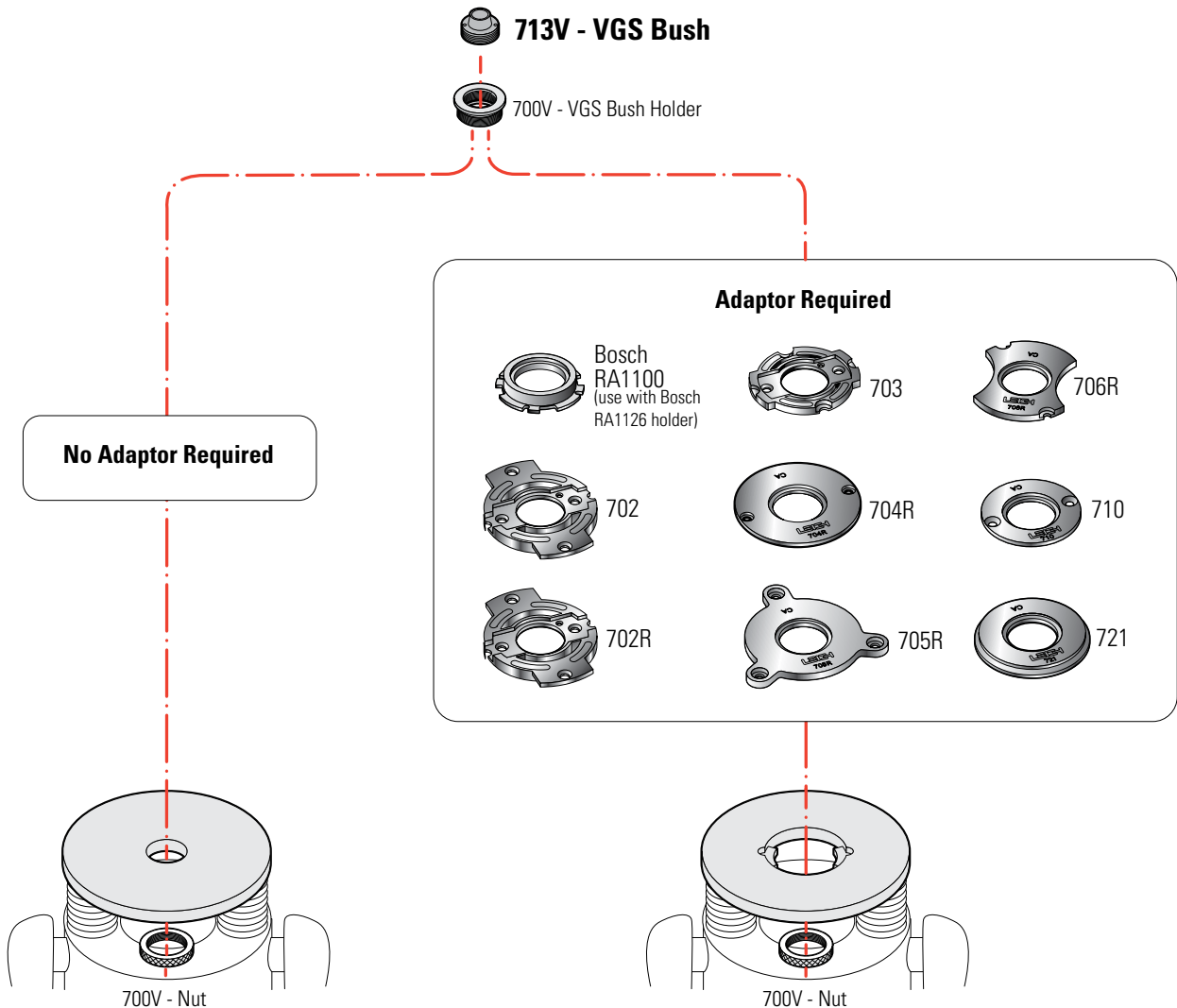
The 5-piece VGS comes with Isoloc Joint Templates, but you may need an adaptor for your router (see the next two pages for adaptor selection).



Do not use the VGS on D-series jig's dovetail fingers or the M2 as the tapered VGS bushes will not index properly on the guide fingers and guide rails.

The Vital Link Between Your Router and Leigh Isoloc Joint Templates

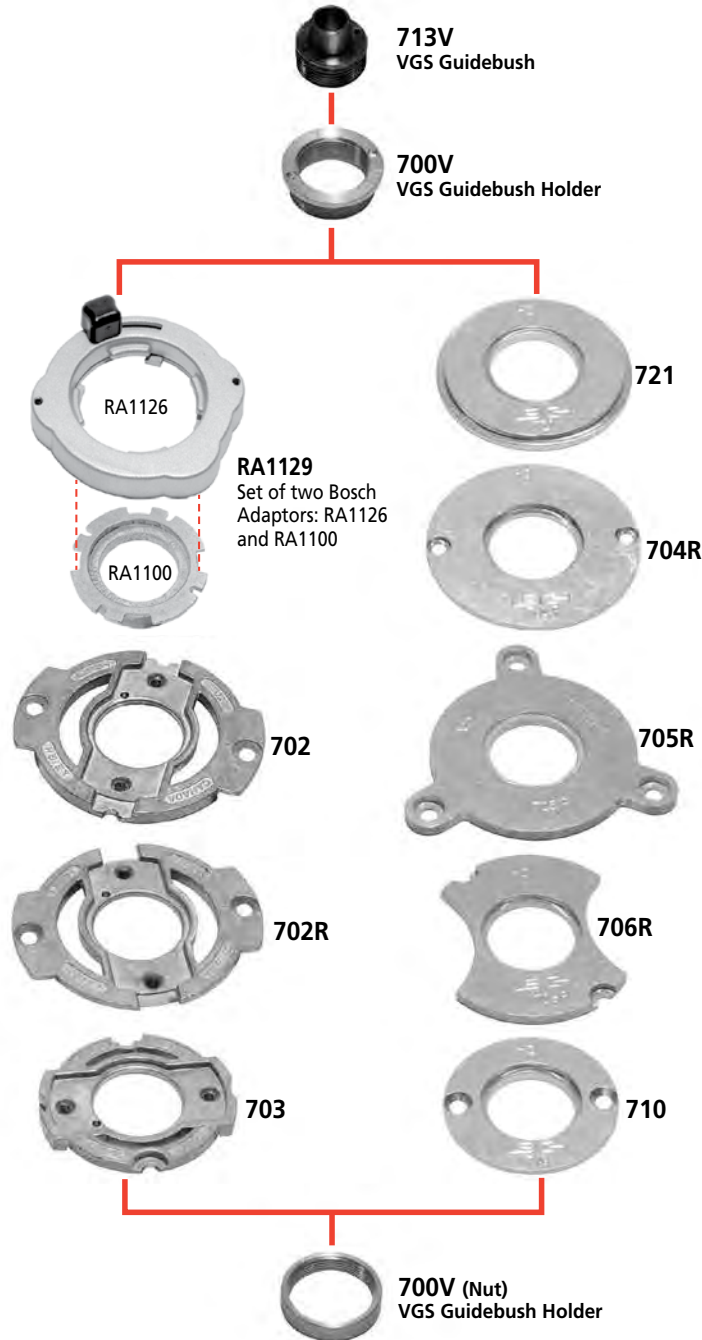
Because there is little or no standardization in the router industry, Leigh has developed a comprehensive guidebush and adaptor system to match your router to Leigh jigs and attachments. The diagram below shows how the VGS parts relate to each other and how they adapt to a router. **There are many adaptor-to-router mounting options. See the complete selection of guide bushing adaptors on the next page. For a list of routers see the VGS Guidebush Adaptor Selection chart on page 47.**



NOTE: Do not use this diagram for part selection. See following pages.

The Leigh VGS guidebush/holder fits directly to most popular router models such as Porter Cable, Black & Decker and Dewalt. Many other makes, e.g., Bosch, Fein, Festool, Milwaukee, etc. either offer or come complete with base adaptors that accept the VGS bush. In addition Leigh offers the nine adaptors below to allow the use of over one hundred other router models, new and old. For a complete list of routers, see the VGS Guidebush Adaptor Selection chart on the next page.

VGS Guidebush Adaptors



VGS Guidebush Adaptor Selection

In order to fit your Leigh VGS holder to your router, you may need an adaptor. Find out in the chart below.

See Leightools.com for the complete list of routers.

DIRECTIONS

A. Locate name of router maker in Column 1.

B. Locate router model in Column 2. If your router is not listed visit leightools.com for a complete, up-to-date list of routers.

C. Locate adaptor required for your router in Column 3.

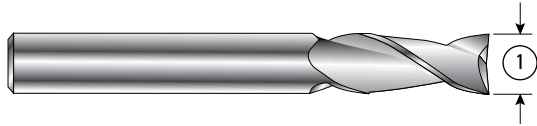
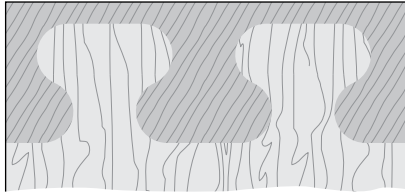
- Order Leigh adaptors (part no's in red) in Column 3 from Leigh.
- Order Bosch adaptors RA1100 and RA1126 in Column 3 from Leigh or your Bosch dealer.
- Order all other adaptors in Column 3 from the router manufacturer's dealer.

Note: Adaptor mounting screws are included with router.

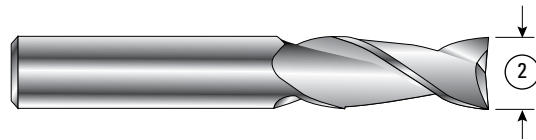
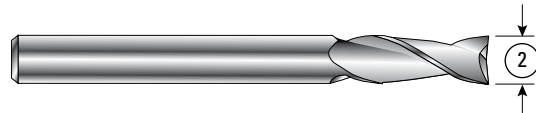
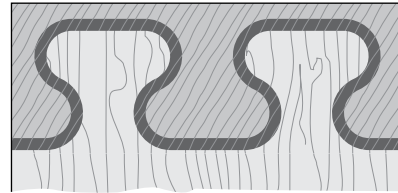
■ MAFELL – Rework adaptor slightly.

1 ROUTER MAKER	2 ROUTER MODEL	3 ROUTER ADAPTOR
AEG	OFE 710 in plunge base	Not Required
	OFSE 2000	703
	RT1350E	706R
BLACK & DECKER	All Professional, HD1250, RP400K, 7614	Not Required
	6200	720673-00
	SR100, 7AEE, KW780 series, KW800, KW850	710
BOSCH	90085, 90088, 90098, 90140, 90150, 90300, 90303, 90305, 91264	Aftermarket base plate required
	1600, 1601, 1602, 1603, 1604, 1606, B1350	RA1110
	North American ROUTERS PRODUCED AFTER mid-2010: 1613EVS, 1613AEVS, 1617, 1617EVS, 1618, 1618EVS, 1619EVS, MR23EVS, MRC23EVS, MRF23EVS, MRP23EVS	RA1100 & RA1126 required. Sold only as Set RA1129. (Set includes RA1100 and RA1126)
	North American ROUTERS PRODUCED BEFORE mid-2010 and others available worldwide that include the RA1126 adaptor: 1613(EVS)(AEVS), 1614(EVS), 1617EVS, 1618EVS, 1619EVS, B1450, GOF900(CE)(ACE), GOF1200, GOF1250(CE)(LCE), GOF1300(CE)(ACE), GOF1600CE, GOF2000CE, GMF1400, GMF1600CE, POF800ACE, POF1100AE, POF1200AE, POF1400ACE	RA1100 required. Sold only as Set RA1129. (Set includes RA1100 & RA1126)
	1611, 1611EVS, 1615, 1615EVS, B1550, GOF1600, GOF1700ACE	702
CRAFTSMAN (SEARS)	All non-plunge models	Aftermarket base plate required
	135275070 Plunge	See Skil 1823 or 1835
	Other plunge models	702
	MD11 Plunge & Fixed Base. MD9.5 Fixed Base	Not Required
DEWALT	DW610, DW616, DW618	Not Required
	DW613, DW615(UK)	710
	DW614, DW615, DW621, DW624, DW625, DW626	N. America Only, Supplied w/router
	DW621K, DW622 and DW626 outside N. America	706R
	DW625 Type 1,2,3,5 outside N. America	702
	DW624 & DW625 Type 4 outside N.America, DW625EK	702R
ELU	OF15, OF15E, OF97, OF97E	706R
	MOF68, MOF69, MOF96, MOF96E	710
	MOF131, MOF177 Type 1, 2, & 3	702
	MOF177 Type 4, MOF177EK	702R
	2720, 2721, 3328	Not Required
	3303, 3304	E09600 or 761 270-00
FEIN	3337, 3338, 3339	702
	RT1800	Supplied w/router
FESTOOL	OF1E, OF2E, OF650, OF900E, OF1000, OF1010E	704R
	OF2000, OF2000E	705R
	OF1400 and OF2200 North America Only	Supplied w/router
	OF1400 Outside North America	493566
	OF2200 Outside North America	494627 O-Ring may be required to keep bushing centered
FREUD	FT1700(2), FT2000, FT2200, FT3000	721
	FT1700VCEK	702R
HITACHI	TR8, TR12, FM8, M8, M12 Series	325211 OR 703
	M12VC, KM12SC, KM12VC	Not Required
MAFELL	M12SA2, M12V2	325224
	LD65E	702 ■
MAKITA	M363, MRP090, RP1800(F), RP1801(F), RP2300(FC), RP2301(FC), 3612C Europe Qk Fit Base	721
	3600, 3606, 3608, 3612, 3612B, 3612BR, 3612C N. America, 3620, 3621, RP0900, RP900K	703
	3601B	321 493-1
	RP0910, RP1110C	706R
	RF1100, RF1101, RD1100, RD1101, RP1101	Not Required
MASTERCRAFT	Please contact Leigh for assistance	
METABO	OF1612, OFE1812 (for all others, please contact Leigh for assistance)	704R
MILWAUKEE	5615, 5616, 5619	49-54-1040 (replacement base)
	5625	49-54-1026 (replacement base)
	5670	Not Required
PERLES	OF808 Series, OFE6990	710
PORTER CABLE (ROCKWELL)	All	Not Required or Supplied w/router
RIDGID	R2930 (for all others, please contact Leigh for assistance)	704R
RYOBI	R30, R50, R150, R151, RE155, R500, R501, R502	703
	R600, R601, RE600, RE601	702
	R160, R161, R162, R163K, R165, R170, R175, RE175, R180, R180PL, R181, R185, ERT1150	706R
SKIL	1823 or 1835	91803
	SK1810, 1815, 1820, 1825	RAS140
	All others	Aftermarket base plate required
TREND	T3, T4, T5, T9, T10, T11 – UniBase required	710
TRITON	TRC001	TGA006 or 704R
	JOF001, MOF001, TRA001	Accessory Kit (includes adaptor) TGA001 or TGA250
WEGOMA	OF850 Series	710

ISOLOC JOINT BIT SELECTION

**Plain Joints: Half-Blind or Through**

For plain joints without inlay, use only a single straight bit; either Leigh No.170 or 170C, $\frac{5}{16}$ " diameter or 8mm diameter ①. The 0.0025" [0.0635mm] diameter difference is easily "adjusted out" with the Leigh VGS.

**Inlaid Joints**

Inlay joints require two straight bits ②: For $\frac{1}{16}$ " wide inlays, use: $\frac{1}{4}$ " diameter (Leigh 168 or 168C), and $\frac{3}{8}$ " diameter (Leigh 173-500 or 173C). For 2mm wide inlays use 6mm and 10mm diameter.
Note: For narrower inlays of $\frac{1}{32}$ " or 1mm, see Step 8-15.