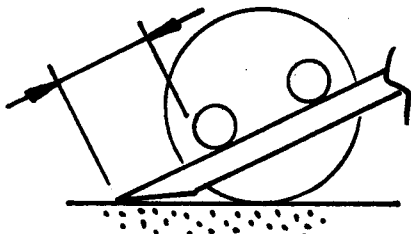


Richard Kell honing guide - large wheel version.

From August 2013 my no.2 guide is supplied with large rollers as standard, capacity zero $\rightarrow 2\frac{3}{4}$ " (70mm). My no.1 guide continues as small roller, a 'retro-fit kit' can be supplied to convert either from small to large (LGE).

My own method is to set everything to $1\frac{1}{4}$ " projection, this gives me 25° rough & 30° finish hone when I use the '3mm risers' either side of the finishing stone - my youtube channel has films for this. Nowadays I 'nip-up' very gently using a $\frac{1}{2}$ " AB spanner on the hex nut for safety's sake.

The 'ultra-high molecular' i.e. UHMWPE rollers shed dirt & oil excellently; is used in food processing machinery because of this. Also see my workshop blog tag = 'no.2 LGE' i.e. richardkell.livejournal.com



n.b. rollers are matched for annular thickness.

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$$45^\circ = \frac{3}{4}'' = 19\text{mm}$$

$$40^\circ = \frac{13}{16}'' = 21\text{mm}$$

$$35^\circ = \frac{15}{16}'' = 24\text{mm}$$

$$30^\circ = 1\frac{1}{16}'' = 27\text{mm}$$

$$25^\circ = 1\frac{5}{16}'' = 33\text{mm}$$

$$20^\circ = 1\frac{3}{4}'' = 44\frac{1}{2}\text{mm}$$

$$17\frac{1}{2}^\circ = 1\frac{7}{8}'' = 47\frac{1}{2}\text{mm}$$

* Hint! Use $1\frac{1}{4}$ " & forget the rest!

2013 E + O E

* When changing circlips

WEAR EYE PROTECTION;

DO NOT ALLOW ANYONE TO STAND/
OR BE NEARBY; CIRCLIPS CAN FLY
INTO SOMEONES FACE. Bewarned!

A car mechanic can be handy for this job - they have circlip pliers.

No Liability is accepted.

see richardkell.co.uk.

RKell 19.9.13