Acknowledgement

The set of drawings has been verified by the construction of a grinder from them. Any mistakes or omissions being corrected when found. This grinder is illustrated below and I would like to thank Laurie Clarke (Melbourne Australia) who made it and kept me informed. The drawings should be reliable but I take full responsibility if this proves not to be the case.

Don Willis





Bonelle TCG Drawing Revisions

- 20/2/04 G4 rev 1 dim 2 ¹/₂ was 2 3/8, G3 rev 2 notch added
- 21/02/04 L1 minor changes principally to clarify 'where used'
- 23/02/04 C7 Sketch added to show positioning of components.
- 24/02/04 L2/2 13/13" was 7/8" Rearranged to show slots more clearly.
- 25/02/04 Cross references to keys & clamps (Drgs L1 & L2) corrected on drawings :-
- B2, B4, D1, G1, G2, G10, H1, H3, K4.
- 26/02/04 B2 Shape corrected to correspond with B3
- 28/02/04 C10/2 scale added
- 01/03/04 C2/4 added
- 06/03/04 G11 dim 4 7/16" was 4 5/16"
- 06/03/04 H2 missing dims added
- 06/03/04 G5 dim1 5/8" was 1 11/16"
- 30/03/04 H1 assembly clarified
- 31/03/04 H7 & H8 added
- 22/05/04 D1 dim 2 1/2" added
- 01/12/08 C3 c'bore added, 13/16" was 11/16"
- 01/12/08 C1 c'sk screws shown to match C2 det4
- 01/12/08 C8 Dim 7/8" added, thickness shown
- 00/00/00

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Drawings

A. General Arrangement
B. Base
C. Wheel head
D. Wheel Guard
E. Dust Containment
F. Spindle
G.Workhead
H.Toolholder
J. Front Bar
K.Tooth Rest
L.Miscellaneous

Conventions used.

The drawings are arranged so that detail drawings follow immediately after the assembly on which they are used and bear the same drawing prefix letter A,B, etc. Details are usually easily identifiable on the assembly by their appearance. Specific reference by detail number is only made when this is not the case. The drawings do not show tolerances and mating parts have the same dimensions. The necessary clearances must be considered and provided during manufacture.



Conventions used continued

Reference to a detail Example:- F12/3

F12 = Drawing showing that detail.
3 = Detail number on that drawing.

Detail Numbers..... Example:- Det3 (2) S.

Det 3	= Detail number
(2)	= Quantity required
S	= Material.
В	= Brass
CI	= Cast Iron (Continuously Cast Bar)
S	= Bright Mild Steel
SS	= Silver Steel
L	= Leather

Fixings.....

The nature of the fixing is shown by the drawing (cheese head screw, cap head screw etc) only the size is specified eg. 2BA X 3/8".















































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