

# Crossing Applications

Call on:  
**01302 711308**  
 email: [info@permalokfastening.co.uk](mailto:info@permalokfastening.co.uk)

FB BURNS (INSULATED) BLOCK JOINT	
STUD	57/150998
NUT	
SPACER	
COLLAR	57/150900 See Note 4
STUD	C50LH-BR36-77XA
NUT	NLHF-R36-BSF
SPACER	MWLF-R30-04078
COLLAR	LC-2R36G

FB CHECKED BLOCK JOINT (or parallel wing block joint)	
STUD	57/150997
NUT	
SPACER	
COLLAR	57/150900
<i>also applicable on cast manganese monobloc crossings See Note 4</i>	
STUD	C50LH-BR36-148XA
NUT	NLHF-R36-BSF
SPACER	MWLF-R30-04078
COLLAR	LC-2R36G

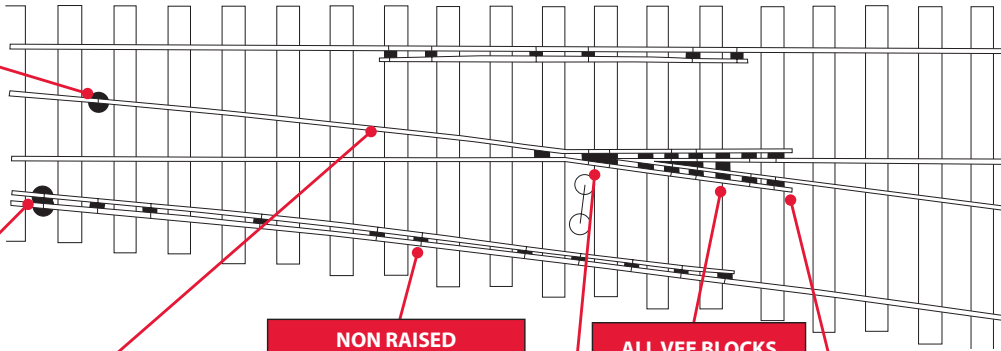
FB CWR TIGHT JOINT	
STUD	57/150998
NUT	
SPACER	
COLLAR	57/150900
<i>also applicable on cast manganese crossings See Note 4</i>	
STUD	C50LR-BR36-77XA
NUT	NLHF-R36-BSF
SPACER	MWLF-R30-04078
COLLAR	LC-2R36G

NON RAISED CHECKRAIL BLOCKS	
PIN	57/150821
COLLAR	57/150800
<i>Also for wing rail blocks if no access problems See Note 4</i>	
PIN	C50LR-BR32-92XZ
COLLAR	3LC-2R32G

ALL VEE BLOCKS	
PIN	57/1508**
COLLAR	57/150800
See Notes 2 & 3	
PIN	C50LR-BR32**
COLLAR	3LC-2R32G

VEE SPLICE	
PIN	57/1508**
COLLAR	57/150800
See Note 2	
PIN	C50LR-BR32**
COLLAR	3LC-2R32G

WING RAIL BLOCKS IF ACCESS LIMITED	
STUD	57/150894
NUT	
COLLAR	57/150800
<i>Incl. Cast centre block types See Notes 2 &amp; 3</i>	
STUD	C50LH-BR32-92XAZ
NUT	NLHF-R32-BSF
COLLAR	3LC-2R32G



\*\* Third from last digit of the BR catalogue number represents the diameter of the Huck pin measured in units of 1/8th inch e.g. 57/1508xx items are 1 inch diameter and 57/1509xx are 1 1/8 inch diameter.

Note 2  
 The 1 inch diameter pins for use in vee blocks vary in length according to crossing type and block position. The length of grip required can be measured using 57/151041 CALIPER or by measuring between extreme faces of the webs of rails.

The BR catalogue number is related to the grip length of the pin.

Note 3  
 For crossing angles sharper than 1 in 10, taperwashers 57/150895 are also required under head & collar of pin. Allow 3/16" or 4.8mm each.

Note 4  
 Spacer is intended to give clearance between nose of installation tool and rib of fishplate or lip of keep plate. May not be needed in all situations.

## General Note

The 1 inch diameter pins for use in heel blocks vary in length according to switch type and block position. The length of grip required can be measured using 57/151041 CALIPER or by measuring between extreme faces of the webs of stock and switch rails. The BR catalogue number is related to the grip length of the pin.

The installation of stockrail bolts in new switches is not advisable and is not permitted by Network Rail. They can be retrofitted once the stockrail has firmly bedded down onto the slide baseplate.



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