



Sectors and Latch Plates
Type A Table Interlocker
Horizontal Locking

Type A Table Interlocker Horizontal Locking Sectors, Replacers and Latch Plates

NOTE: The Type A Table Interlocker may be adapted to so many uses that no attempt has been made to illustrate all of the sectors, replacers and latch plates that could be used, those shown being in general use only. Other combinations giving practically any locking desired can be furnished when specified.

It will be noted that the position letters on the sectors and latch plates are in opposite rotation. The following example will illustrate why this is necessary:

To stop at position L, the sector would have to be rotated counter-clockwise to its extreme position—the position of sector would then be such that locking dog on lock armature would be at position L on sector.

For sectors, replacers and latch plates used with vertical locking see plate G2018.

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference						
Order by plate, figure number and name								
A	Sector Complete with replacer for locking crank in position B and D against movement to C. (Used for signal control.) Latch plate Fig. 17 is usually employed with this sector	<table style="border: none;"> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">51408 Gr. 2</td> </tr> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">35745-2</td> </tr> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">14855</td> </tr> </table>	{	51408 Gr. 2	{	35745-2	{	14855
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B	Sector Complete with replacer for locking crank in positions as follows: At B against movement to L. At D against movement to R. At L against movement to C. At R against movement to C. (Used for two position switch lever with detector locking.) Latch plate, Fig. 18, is usually employed with this sector but latch plate, Fig. 19, may be used	<table style="border: none;"> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">51408 Gr. 4</td> </tr> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">35745-4</td> </tr> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">14855</td> </tr> </table>	{	51408 Gr. 4	{	35745-4	{	14855
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C	Sector Complete with replacer for locking crank in positions as follows: At B against movement to L. At D against movement to R. (Used for two-position switch lever without detector locking.) Latch plate, Fig. 18, is usually employed with this sector but latch plate, Fig. 19, may be used	<table style="border: none;"> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">51408 Gr. 5</td> </tr> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">35745-4</td> </tr> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 5px;">14855</td> </tr> </table>	{	51408 Gr. 5	{	35745-4	{	14855
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D	Sector Complete with replacer for locking crank in positions as follows: At B against movement to L. At D against movement to R.							

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Fig. No.	Name	Drawing Reference
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D <i>Cont.</i>	Used with mechanical indicator to prevent indicator from dropping in positions L and R. (For two position switch lever without detector locking.) Latch plate, Fig. 18, is usually employed with this sector but latch plate, Fig. 19, may be used	{ 51408 Gr. 9 35745-5 14855
E	Sector Complete with replacer for locking crank in the following positions: At C against movement to L. At B against movement to C. For Table Interlocker used as lock and block instrument with normal position of crank to the left. Latch plate, Fig. 22, is employed with this sector	{ 51408 Gr. 8 35745-2 14855
F	Sector Complete with replacer for locking crank in the following positions: At C against movement to R. At D against movement to L. For Table Interlocker used as lock and block instrument with normal position of crank to the right. Latch plate, Fig. 21, is employed with this sector	{ 51408 Gr. 7 35745-2 14855
G	Sector Complete with replacer, arranged for dynamic-indication at B and D when crank is being moved to position C. (Used for signal control.) Latch plate, Fig. 17 is usually employed with this sector	{ 51408-1 Gr. 1 34745-2 14855
H	Sector Complete with replacer, arranged for dynamic-indication at B when moving crank to L and at D when moving crank to R; also for locking crank at L against movement to R and at R against movement to L. (Used for two position switch lever with detector locking and employing dynamic-indication.) Latch plate, Fig. 18, is usually employed with this sector but latch plate, Fig. 19, may be used	{ 51408-2 Gr. 1 35745-11 14855
1	Sector, for Fig. A	51408 Gr. 2
2	Replacer, only, for Figs. A, E and F	35745-2
3	Sector, for Fig. B	51408 Gr. 4

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Fig. No.	Name	Drawing Reference
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4	Replacer, only, for Figs. B and C.....	35745-4
5	Sector, for Fig. C.....	51408 Gr. 5
6	Sector, for Fig. D.....	51408 Gr. 9
7	Replacer, only, for Fig. D.....	35745-5
8	Sector, for Fig. E.....	51408 Gr. 8
9	Sector, for Fig. F.....	51408 Gr. 7
10	Sector, for Fig. G.....	51408-1 Gr. 1
11	Spring, for dynamic-indication latches, used for signal control sector Fig. G.....	31476-1
12	Replacer, only, for Fig. G.....	35745-2
13	Sector, for Fig. H.....	51408-2 Gr. 1
14	Spring, for dynamic-indication latches, used for switch control sector Fig. H.....	31476
15	Replacer, only, for Fig. H.....	35745-11
16	Screw, No. 10-32 x $\frac{7}{16}$ " fl. hd., for attaching replacers to sectors....	14855
17	Latch Plate, for latching crank in positions shown, usually employed with sectors Figs. A and G.....	51440-1
18	Latch Plate, for latching crank in positions shown, usually employed with sectors Figs. B, C, D and H.....	51440-11
19	Latch Plate, for latching crank in positions shown, may be employed with sectors Figs. B, C, D and H when reverse latching move- ment is desired each time crank is moved.....	51440-4
20	Latch Plate, for latching crank in positions as shown, used when a single unit table interlocker is employed for both switch and signal control and for other special purposes.....	51440-10
21	Latch Plate, for latching crank in positions shown, used with sector Fig. F.....	51440-6
22	Latch Plate, for latching crank in positions shown, used with sector Fig. E.....	51440-7
23	Latch Plate, for latching crank in positions shown.....	51440-2
24	Latch Plate, for latching crank in positions shown.....	51440-5