



DESCRIPTION

The Y-1 provides a single point of attachment that allows the model RH pulse position indicator (PPI) to maintain alignment with the conveyor belt or rollers, and therefore minimize wheel wear. With its double wheel construction, the PPI is self-aligning when allowed to pivot freely from the Y-1, and its weight is sufficient to maintain contact when mounted above the moving material.

It should be mounted as shown such that the movement of the conveyor pulls the PPI. If the PPI is mounted such that it is pushed towards the Y-1, it will not maintain proper alignment and will result in premature wheel wear.

INSTALLATION

1. Assemble Y-1 components onto the PPI as shown in the figure.
2. Bolt Y-1 yoke to a mounting beam (not supplied) using the 1/4-28 Hex Cap Screw and lock washer supplied. The Y-1 should be parallel to the conveyor belt with the pivot point 2" to 6" (50mm to 150mm) above the belt, and be positioned so the PPI is aligned with the movement of the conveyor.
3. Attach PPI cable so the cable is clear of the pivot point, and with sufficient slack to allow for expected up/down and sideways PPI movement.

ORDER INFORMATION

Part #: Y-1
 (Includes all parts shown in the spare parts list)

SPARE PARTS LIST

Qty	Description	Part No.
1	Y-1 Yoke	500-MCH033
1	1/4"D Clevis Pin	550-MSC004
1	Yoke Bushing (brass)	500-MCH041
1	1/16"x1/2" Cotter Pin	550-MSC005
1	1/4-28 x 3/4" Cap Screw	550-SCR301
1	1/4" Split-Lock Washer	550-WSH002

Note: for a yoke assembly with a 3/8-16 hex cap screw, order the Y-3.



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