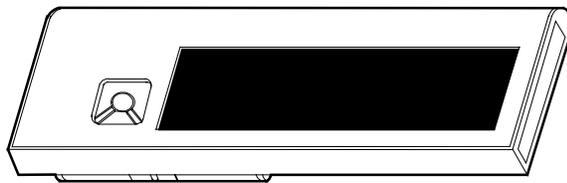


SmarTalker II and Rail Installation

SmarTalker IIs

This section provides information about SmarTalker IIs, rail and clip attachment, and SmarTalker II installation.

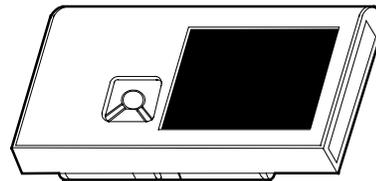
The 8-character and 2x6-character SmarTalker II standard-size tags are the same size and both look like the following illustration.



16903

SmarTalker II, Standard Size

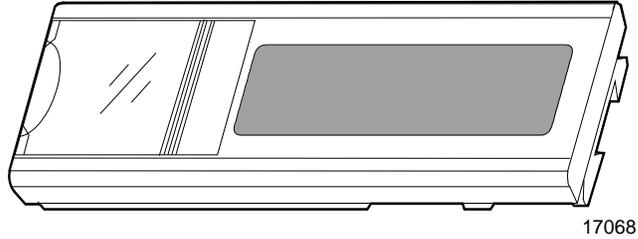
The 2x4-character and 2x5-character SmarTalker II small-size tags are the same size and both look like the following illustration.



16912

SmarTalker II, Small Size

The 2x4-character and 2x5-character SmarTalker II small-size tags are the same size and both look like the following illustration.



SmarTalker II, Signage

Attaching the Bracket

When installing a shelf rail, keep in mind that the viewing angle of SmarTalker II is very important. Your completed installation should provide the best combination of visibility and lack of glare.

The following table provides optimum viewing angles for SmarTalker II tags. The angles are based on an average person's eye height of 1.59 m (62.6 in.) and average shelf-viewing distance of .91 m (36 in.).

Shelf Height (in.)	Optimum Angle Up (+) or Down (-) from Vertical
6.0	+57.0
12.0	+54.2
18.0	+51.0
24.0	+47.2
30.0	+42.7
36.0	+37.3
42.0	+30.9
48.0	+23.4
54.0	+14.8
60.0	+5.4
66.0	-4.2
72.0	-13.3
78.0	-21.5
84.0	-28.6

Tools for Each Installer

Tape Measure, minimum length 25 ft.	1
Large, wide-blade flat-head screwdriver with round (not square shank)	1
16 oz. Metal carpenter's claw hammer (for hammering shelf rail pins) or fencing tool (an integrated hammer with nail pulling pliers)	1
Nail pulling pliers or "nippers" (for shelf pin removal)	1
Cloth or leather tool pouch with multiple pockets (for holding small shelf rail parts)	1
Clamp with swivel pads (to hold rail to shelf)	1
Knee Pads	1 pair

Site Installation Tools

Band saw* or Hacksaw (not a wood saw)	1
Miter Box (for use with hacksaw)	1
Utility Knife (for cleaning cut ends of shelf rails)	1

Tools Per Store (for On-Going Maintenance)

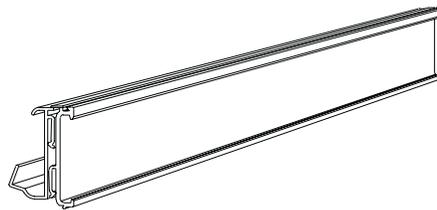
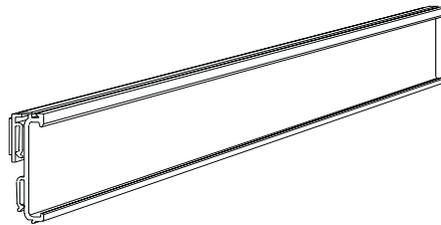
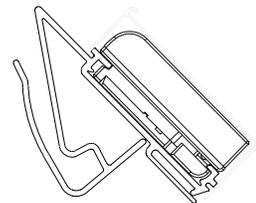
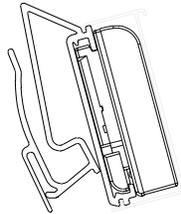
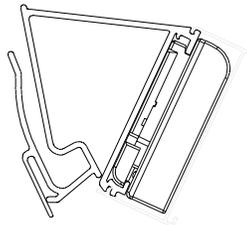
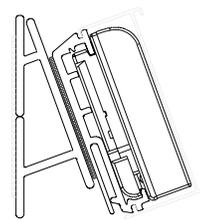
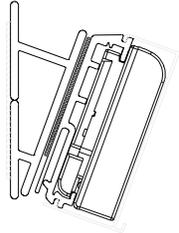
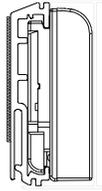
Band saw* or Hacksaw (not a wood saw)	1
Miter Box (for use with hacksaw)	1
Utility Knife	1
Large, wide-blade flat-head screwdriver with round (not square) shank	1
16 oz. Metal carpenter's claw hammer	1

* A band saw is easier to use, but a hacksaw can be used instead.

Installing SmarTalker II Shelf Rails

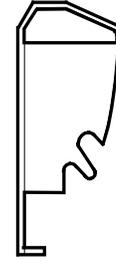
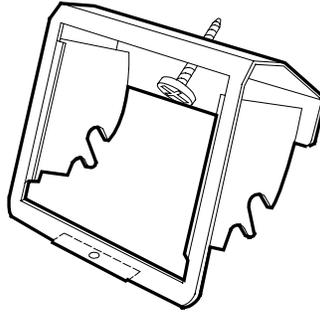
NCR representatives can direct you to third-party suppliers who can supply you with a wide variety of SmarTalker II shelf rails

The following illustrations show some of the possibilities.



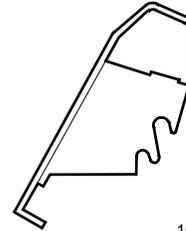
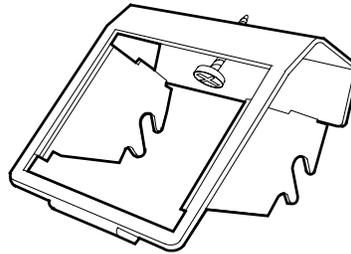
Installing SmarTalker II C-channel Clips

SmarTalker IIs (standard-size and small-size) can be installed into a clip that is installed on a shelf's C-channel. The C-channel clip is available from NCR in three versions: 0 degrees, 25 degrees, and 40 degrees. The following illustrations show these clips.



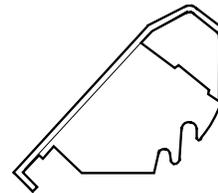
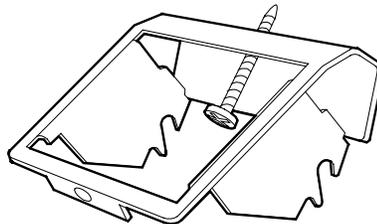
16915

0-Degree C-channel Clip



16916

25-Degree C-channel Clip

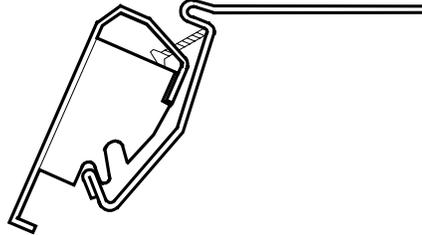


16917

40-Degree C-channel Clip

To install a 0-degree, 25-degree, or 40-degree C-channel clip, place the appropriate notch in the clip onto the bottom lip of the C-channel and tighten the screw.

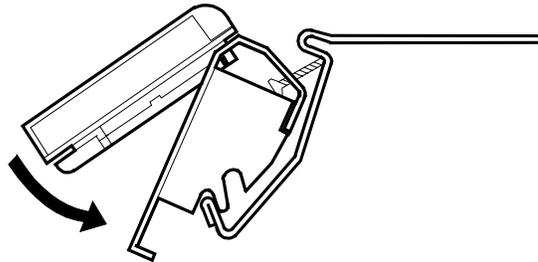
The following illustration shows a 0-degree C-channel clip installed on a shelf's C-channel.



16926

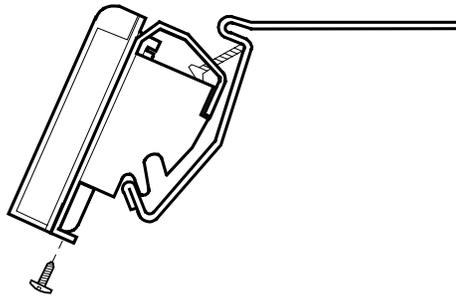
Installing a SmarTalker II in a C-channel Clip

To install a SmarTalker II in a C-channel clip, place the top of the tag into the top of the clip and press the bottom of the tag into the bottom of the clip until it snaps into place.



16927

To prevent theft, an optional security screw can be installed in the bottom of the clip as shown in the following illustration.



16928

The screw is a 2-56 x 1/4" phillips pan-head, self-tapping screw that can be purchased from NCR.

To remove a SmarTalker II from a C-channel clip, use a screwdriver to remove the optional security screw if it is installed, then use two fingers to push up the pawls on the back of the tag and the tag will pop out of the clip.

