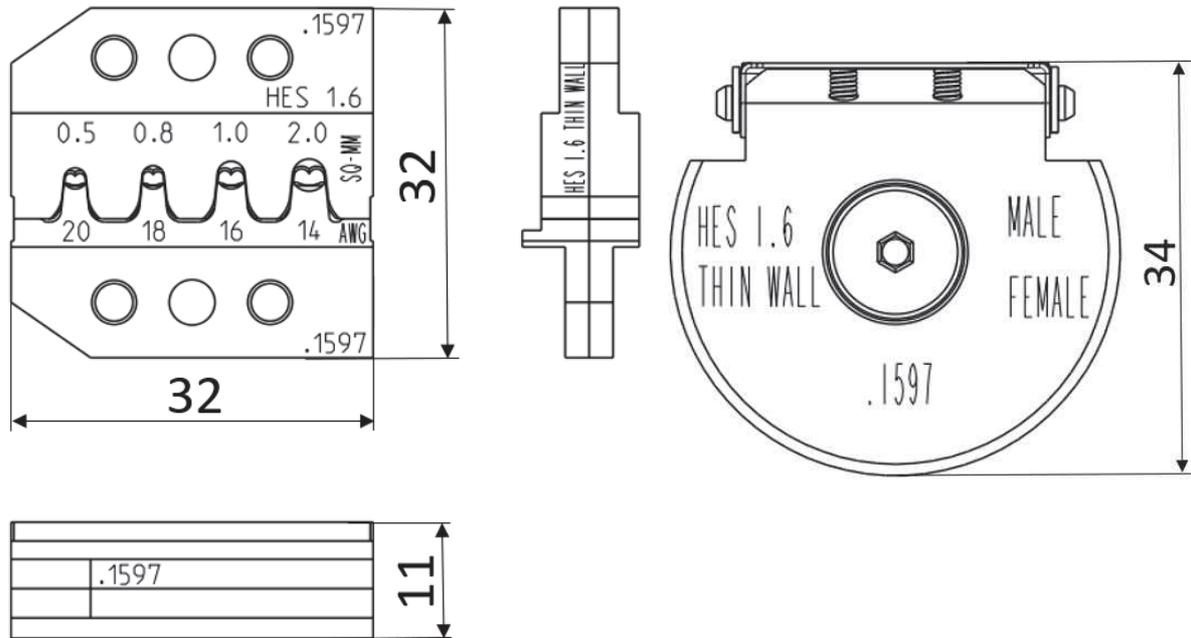


RENNSTEIG TOOLS, INC.

PRODUCT NAME

Rennsteig Crimping Die Set & Locator for HES 1.6 (Thin Wall) terminals



Measurements in Millimeter.

SPECIFICATION

P/N	Description	Application	Terminal P/N	Capacity	Applicable for
624 1597 3 0 RT	Die Set	HES 1.6 (Thin Wall)	13697411, 13697414, 13697417, 13697409, 13697415, 13697418, 13697410, 13697416, 13697413	AWG 20 / 18 / 18UL / 14 0.5 / 0.8 / 1.0 / 2.0 mm ²	Rennsteig Crimp System Tools
624 1597 0 01 RT	Locator	HES 1.6 (Thin Wall)	13697411, 13697414, 13697417, 13697409, 13697415, 13697418, 13697410, 13697416, 13697413	AWG 20 / 18 / 18UL / 14 0.5 / 0.8 / 1.0 / 2.0 mm ²	Rennsteig Crimp System Tools

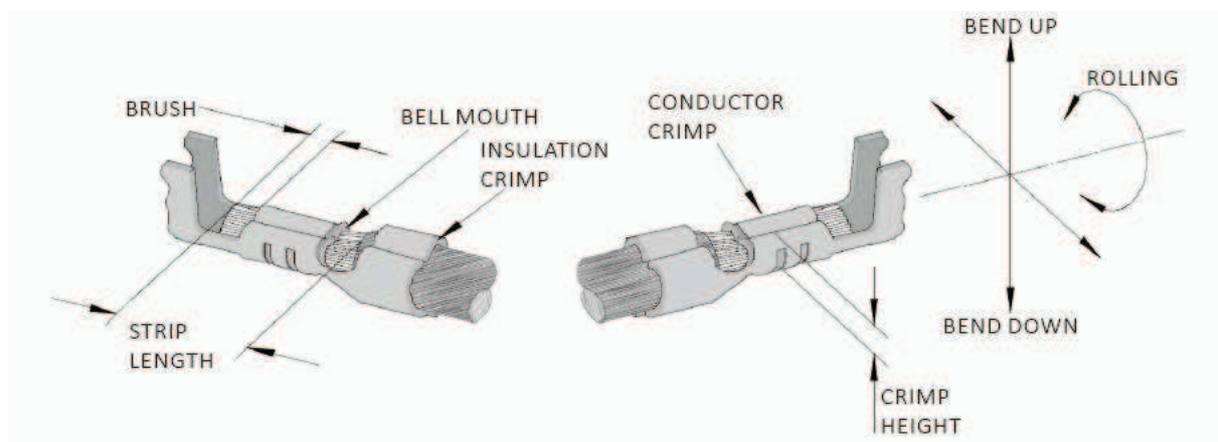
CRIMP SPECIFICATION

Core Crimp

Terminal	Wire Size	Crimp height CCH (mm)	Crimp width CCW (mm)	Pull out force (N) DIN EN 60352-2
13697411	AWG 20 / 0.5 mm ²	1.15 ± 0.05	2.00 ± 0.1	60 (nominal)
13697414	AWG 20 / 0.5 mm ²	1.15 ± 0.05	2.00 ± 0.1	60 (nominal)
13697417	AWG 18 / 0.8 mm ²	1.30 ± 0.05	2.00 ± 0.1	90 (nominal)
13697414	AWG 18 / 0.8 mm ²	1.30 ± 0.05	2.00 ± 0.1	90 (nominal)
13697411	AWG 18 / 0.8 mm ²	1.30 ± 0.05	2.00 ± 0.1	90 (nominal)
13697409	AWG 18UL / 1.0 mm ²	1.40 ± 0.05	2.40 ± 0.1	108 (nominal)
13697415	AWG 18UL / 1.0 mm ²	1.40 ± 0.05	2.40 ± 0.1	108 (nominal)
13697418	AWG 18UL / 1.0 mm ²	1.40 ± 0.05	2.40 ± 0.1	108 (nominal)
13697410	AWG 14 / 2.0 mm ²	1.65 ± 0.05	2.90 ± 0.1	200 (nominal)
13697416	AWG 14 / 2.0 mm ²	1.65 ± 0.05	2.90 ± 0.1	200 (nominal)
13697413	AWG 14 / 2.0 mm ²	1.65 ± 0.05	2.90 ± 0.1	200 (nominal)

Insulation Crimp

Terminal	Wire Size	Insulation height ICH (mm)	Insulation width ICW (mm)
13697411	AWG 20 / 0.5 mm ²	2.00 ± 0.1	2.10 ± 0.1
13697414	AWG 20 / 0.5 mm ²	2.00 ± 0.1	2.10 ± 0.1
13697417	AWG 18 / 0.8 mm ²	2.20 ± 0.1	2.20 ± 0.1
13697414	AWG 18 / 0.8 mm ²	2.20 ± 0.1	2.20 ± 0.1
13697411	AWG 18 / 0.8 mm ²	2.20 ± 0.1	2.20 ± 0.1
13697409	AWG 18UL / 1.0 mm ²	2.60 ± 0.1	2.60 ± 0.1
13697415	AWG 18UL / 1.0 mm ²	2.60 ± 0.1	2.60 ± 0.1
13697418	AWG 18UL / 1.0 mm ²	2.60 ± 0.1	2.60 ± 0.1
13697410	AWG 14 / 2.0 mm ²	3.00 ± 0.1	3.10 ± 0.1
13697416	AWG 14 / 2.0 mm ²	3.00 ± 0.1	3.10 ± 0.1
13697413	AWG 14 / 2.0 mm ²	3.00 ± 0.1	3.10 ± 0.1



The above terminal drawing is a generic terminal representation. It is not an image of a terminal listed in the scope.