

# PTH Hole Diameter Reference Chart

CINCINNATI, OHIO

SALES BULLETIN SB-1700

## Recommended Plated-Thru Hole Sizes For Crane Products

The following charts provide recommended Plated Thru-Holes (PTH) for Crane HEADERS and SOCKETS. The sizes are presented for general guidance in board layout only. For more information, contact Crane Customer Service.

Recommended Plated-Thru Hole Sizes: PIN STRIP HEADERS			
Pin Size	Diameter Diagonal	Recommended Hole Size	Crane Product Series That Size Applies To
0.025" Square	0.034"	0.040" ± 0.003"	PEG / MPEG / GPEG / TPEG / LPEG / FMPEG
0.025" Coined	0.030"	0.038" ± 0.003"	PEG / MPEG / GPEG / TPEG / LPEG / FMPEG
0.025" Coined	0.030"	0.032" ± 0.002"	DPEG
0.025" Fine Line	0.018"	0.023" ± 0.003"	PEG / MPEG / GPEG / TPEG / LPEG / FMPEG
0.020" Square	0.025"	0.032" ± 0.003"	PGM / MPGM / DPGM / LPGM
0.020" Rounded	0.020"	0.025" ± 0.003"	PFF / PFH / MPFF / MPFH
0.018" Square	0.023"	0.030" ± 0.003"	PFF / PFH / MPFF / MPFH
0.018" Round	0.018"	0.023" ± 0.003"	PFF / PFH / MPFF / MPFH

**NOTE:** Crane's FINE LINE pins are 0.025" Square Pins with the tail COINED to a diameter of 0.018".

Recommended Plated-Thru Hole Sizes: BOARD MOUNT SOCKETS		
Pin Size	Recommended Hole Size	Crane Product Series That Size Applies To
0.030" x 0.016"	0.040" ± 0.003"	ATP / ATL / MATP / MATL / ATS / ATT / GATT
0.028" x 0.009"	0.035" ± 0.003"	ABS / ABH / BBP
0.031" x 0.011"	0.040" ± 0.003"	ABT / BBP
0.020" x 0.008"	0.028" ± 0.003"	ATM
0.025" x 0.025" Square	0.040" ± 0.003"	ATP / ATL / MATP / MATL