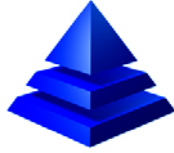


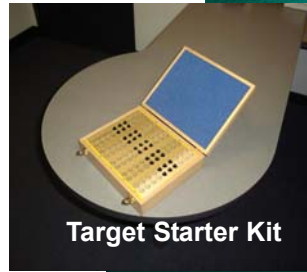
LPT



PRODUCT SHEET

Repairable Photogrammetric Targets

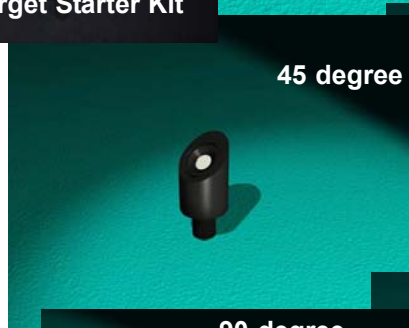
Retroreflective targets are an integral part of the LPT laser projection system. These (photogrammetric) targets when scanned by the projector, reflect the laser beam back to the projector where the target position is compared to known coordinates. The combination of all of the targets provide the projector with the location of the projector in the tool or part coordinate system. The position and quality of these targets are required to assure the accuracy of the system.



Target Starter Kit



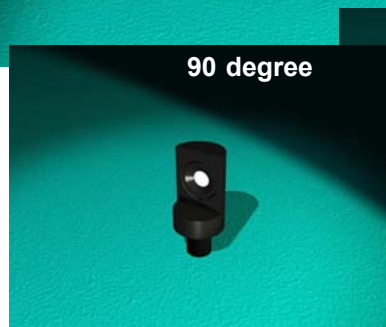
0 degree target (unassembled)



45 degree



22.5 degree



90 degree



67.5 degree

Target Repair Kit



Over the course of time, the retroreflective targets become worn, scratched or destroyed, particularly in a constant manufacturing environment. Frequent cleaning, abrasions or temperature extremes take their toll on standard retroreflective targets.

LPT offers a target repair kit to enable operators to rebuild targets on site. Each kit contains all of the items required to make rebuildable targets function reliably. LPT now offers tooling targets in two different heights [1/2" (12.7mm) & 5/16" (7.9375mm)] and five different angles. [0, 22.5, 45, 67.5 and 90 degree]

Standard Tooling Targets

Angle	1/2" Part #	5/16" Part #
0 degree	NDY-MM-0045	NDY-MM-0174
22.5 degree	NDY-MM-0172	NDY-MM-0175
45 degree	NDY-MM-0046	NDY-MM-0176
67.5 degree	NDY-MM-0173	NDY-MM-0177
90 degree	NDY-MM-0047	NDY-MM-0178

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