

## Step-Up Hinges

Step-up hinges are used by very short transradial (below elbow) amputees. Because the trim line of the socket must be high, the patient loses flexion at the elbow. In order for step-up hinges to work, the forearm section and the socket of the prosthesis are separate. As the amputee flexes the residual limb, the forearm section moves twice as far, thus creating a greater range of motion for the terminal device.



Photo courtesy of Fillauer Companies



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