

Technical drawing of the HSS-4545*G-W robot arm, showing top and side views with dimensions.

Top View Dimensions:

- Overall width: 390
- Distance from center to cabling space: 163
- Cabling space width: 230
- Distance from center to R151: 115
- Distance from center to R450: 98
- Angles: 282°, 304°
- Radius R151
- Radius R450
- Workable space (yellow shaded area)
- Motion-prohibited area (hatched area)
- Dimensions of motion-prohibited area: 58, 92, 182, 229

Side View Dimensions:

- Overall height: 365
- Distance from base to top of arm: 315
- Distance from base to top of gripper: 301
- Distance from base to top of gripper (inner): 263
- Distance from base to top of gripper (outer): 111.5
- Distance from base to top of gripper (inner): 300
- Distance from base to top of gripper (outer): 471
- Distance from base to top of gripper (inner): 61.5
- Distance from base to top of gripper (outer): 225
- Distance from base to top of gripper (inner): 225
- Distance from base to top of gripper (outer): 144
- Workable space (yellow shaded area)

Technical drawing of a shaft-hub assembly. The shaft has a diameter of $\phi 42$ and a length of 36. The hub has an inner diameter of $\phi 34h7$ and an outer diameter of $\phi 70$. The hub has a thickness of 6.5 and a fillet radius of 2. The shaft is shown with a break line on the left.

[illegible]

Model	S	L1	L2
HSS-45451G-W	150	64	621
HSS-45452G-W	200	114	671
HSS-45453G-W	320	234	791

NOTE: In the case of the overhead-mount type, the Z axis in the uppermost position may reach higher than the base mounting face. Be careful with the interference with surrounding facilities.