

MODEL NO. 60123 Math Panel

PARTS LIST

DESCRIPTION	No. REQ'D	PART NUMBER
Pre-assembled Math Panel	1	303028
Panel Side Bracket	2	300668
Hardware Complete	1	302954
5" O.D. Pipe Clamp	4	302030*
1/4" x 3/4" Drive Rivet	4	168449*
3/8" Barrel Nut	6	804804*
3/8" Flat Washer	6	817410*
3/8" Heavy Hex Nut	4	804200*
3/8" X 1 1/2" P.B.H.C.S. w/ Patch	4	812053*
3/8" X 3/4" P.B.H.C.S. w/ Patch	6	812052*
3/8" X 3/8" Set Screw	4	811549*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: Small parts and hardware items may present a potential choking hazard. Promptly remove all unused parts from play area.

SPECIFICATIONS:

Clamps are cast from a 356 high-strength aluminum alloy with a baked on polyester powder-coated finish. Panel Side Brackets are fabricated from 3/16" steel angle with 1-5/16" O.D. 14-gauge galvanized steel tubing welded for attachment. Panel is cut from a sheet of high density .850" thick extruded solid polyethylene with color molded in and UV-stabilized.

All hardware is stainless steel.

Weight: 102 lb. / 46 kg

INSTALLATION INSTRUCTIONS:

- Attach Panel Side Brackets to Pre-assembled Math Panel using 3/8" x 3/4" P.B.H.C.S. w/ Patch with 3/8" Flat Washers and Barrel Nuts as shown in the assembly drawing. **Note:** Bolts and Panel Side Brackets are on the other side of the child play area.
- Fasten Math Panel assembly to upright Posts using Pipe Clamps (refer to separate Pipe Clamp fastening detail) so that lower Pipe Clamp is 10" above finished ground level or deck. Bottom edge of Panel should be flush with deck surface. **IMPORTANT! Avoid creating any Gaps between the components, which fall between 3-1/2" and 9". It has been shown that such gaps create entrapment points which can trap a child and cause injury.**
- Plumb, level and brace in position the Math Panel assembly and fully tighten all fasteners.
- When the assembly is finished and satisfactory, install Drive Rivets in all Clamps to ensure Clamps cannot slide down Posts. See Pipe Clamp sub-assembly sheet. **It is very important that all Drive Rivets be installed before allowing use of the equipment, as Clamps are not designed to support substantial weight without them.** Also eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the *use zone* of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the *Safety Guidelines*.

MAINTENANCE PROCEDURE:

Periodically check hardware for tightness, and tighten as necessary. Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts are repaired or replaced. Check all decks for Plastisol-coating peeling and touch-up with Plastisol if necessary. Check for holes on deck, clean if necessary. Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease. Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

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