2TLC010018M0201

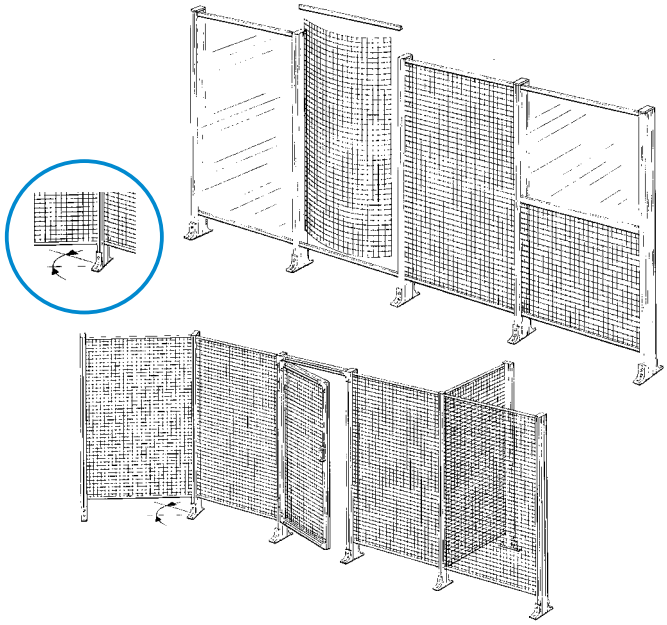
# Quick-Guard®
# Original instructions

## Quick-Guard Express

Quick-Guard E is installed quickly and cost effectively because it only consists of patented net-locks, welded mesh, panels of polycarbonate, u-profiles and fence posts (profiles with floor-brackets). All parts for Quick-Guard and pre-assembled doors are delivered immediately from stock. The few components of the fencing system make it easy for you to custom build and install the fencing system yourselves.

The strength of the fencing system originates from the fact that the welded mesh and/or panels of polycarbonate are 'locked' into the profile. The outer wire of the mesh is locked by uniquely designed 'netlocks' into the profile making the fixing virtually as strong as being welded. The polycarbonate panels are locked in with specially designed infill-locks which, according to our tests, have been as strong as the mesh netlock system. If you want more stable fencing posts, you can choose a sturdier profile measuring 44 x 88 mm instead of the standard 44 x 44 mm profile.

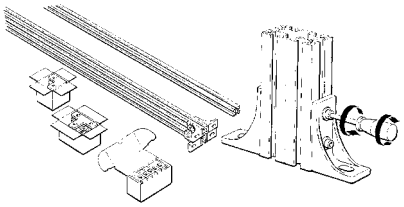
It is always easy to combine Quick-Guard E with Quick-Guard standard to achieve a complete system. It is also easy to adjust and modify the guarding system when production equipment is modified and/or moved.



**Quick-Guard E is easy to assemble and to angle 45°.**

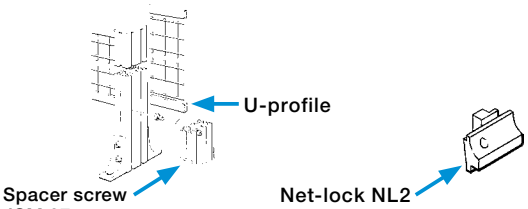
## Assembly of Quick-Guard Express

**1.**



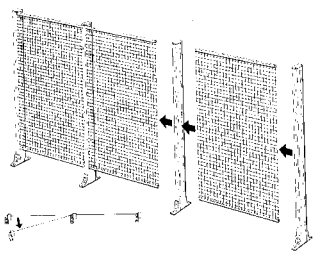
Premount floor fixtures on vertical posts. Mount fixtures by first slackening the screw anti-clockwise. Then tighten the screw clockwise in the usual way, the nut will then automatically locate into the correct position and mechanically lock the fixture into the profile. Make sure that the nut has turned correctly.

**2.**



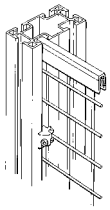

1. Mount a spacer screw 180 mm from the floor in the posts.
2. Attach the lower U-profile and mesh lock JSM NL2 to the mesh.
3. Push the mesh into the profile and fix the mesh with NL2 netlocks.
4. Fix top u-profile in place either before or after inserting the mesh.

**3.**



Assemble the next section. The distance between the posts can be adjusted some mm after the mesh is locked in with the Net-locks. The mesh can be angled up to 45° without using hinges (JSM 35-K).

**4.**



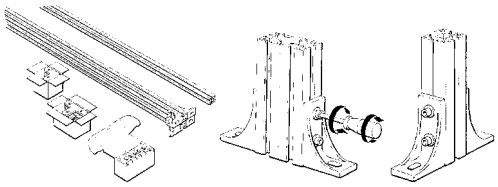
Lock the top of the mesh using NL3 netlocks; this way the mesh is secured, stabilised and electrically grounded. Grounding is needed when electrical devices or cables are assembled on the mesh.

# Quick-Guard® Standard

Assembly of the Quick-Guard® system is very easy. All components are very light in weight and ergonomic in design. This enables, in most cases, one person to be able to assemble both simple and complex structures with ease using very few different types of fixing components. All fixtures can be mounted easily from “outside” by using the specially designed ”locking nut” which can be located anywhere in the extrusion channel. The fixture components, by means of integral locating keys, ensure that correct angles are achieved and enable the number of bolts/nuts to be reduced to half the number that would otherwise be required.

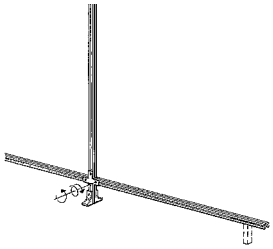
## Assembly of Quick-Guard Standard

**1.**



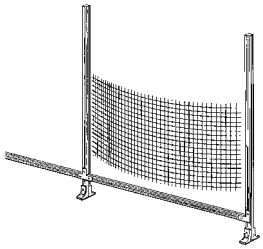
Premount floor fixtures by first slackening the screw anti-clockwise. Then tighten the screw clockwise in the usual way. The nut will then automatically locate into the correct position and mechanically lock the fixture into the profile.

**2.**



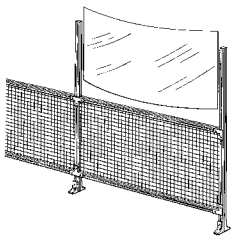
Attach lower horizontal extrusion between vertical posts. Use a spacer block to ensure the correct distance from the floor.

**3.**



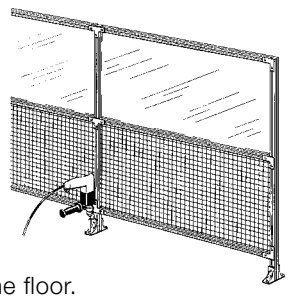
Insert infill panel and fix middle horizontal profile. The distance between the profiles is the width of the infill minus 20 mm.

**4.**



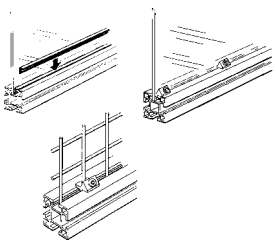
Insert top infill panel. Fix top profile with fittings on the top on both sides.

**5.**



Fix the poles to the floor.

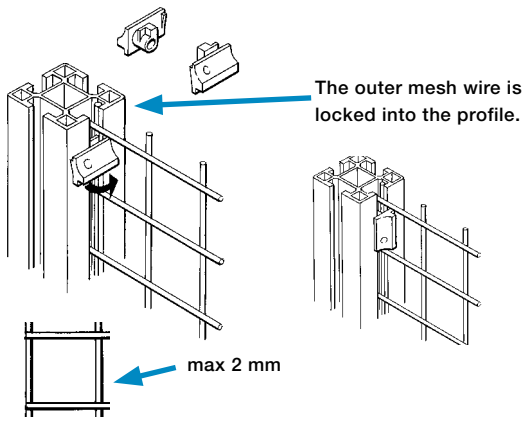
**6.**



Secure infill sheet with plastic strip or Net-lock fixings. Easy, fast and quick. See more under Assembly of netlocks. If there is a risk of the robot striking the polycarbonate, JSM PL3 panel locks must be used.

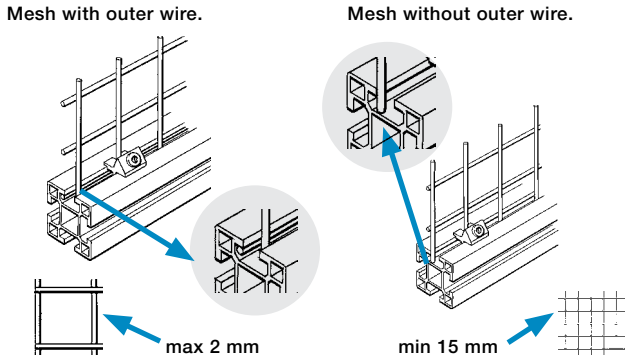
# Assembly using NL2 and NL3 Net-locks on welded mesh

## NL2 Net-lock




When assembling the Net-lock NL2 it is first put into the profile as the drawing shows. Then the Net-lock is turned 90°. When cutting the welded mesh the wire ends should not be longer than two (2) mm.

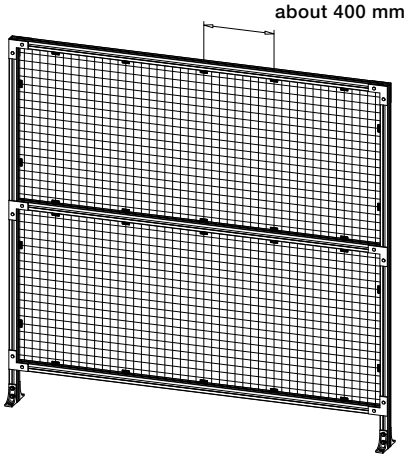
## NL3 Net-lock




When assembling the Net-lock NL3 it is first put into the profile with the tabs on each side of the mesh wire. The screw is then tightened. When cutting the welded mesh the wire ends should be at least 15 mm to fit into the profile. NL3 must be used to lock the mesh into the slot.

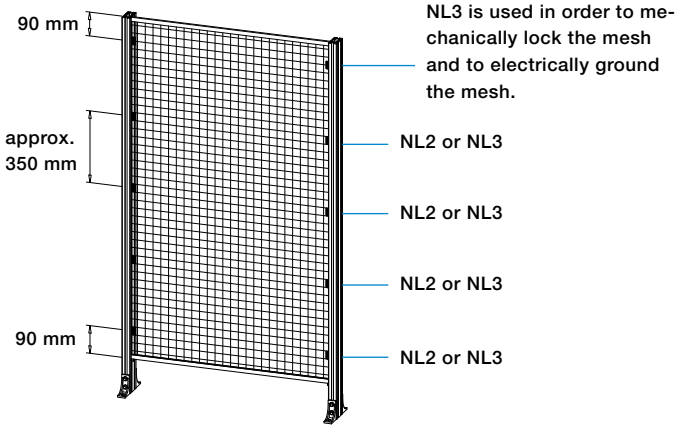
## Number of Net-locks Quick-Guard standard version

On Quick-Guard standard version NL3 is recommended as it can be used for mesh with or without an outer wire.




## Number of Net-locks Quick-Guard Express

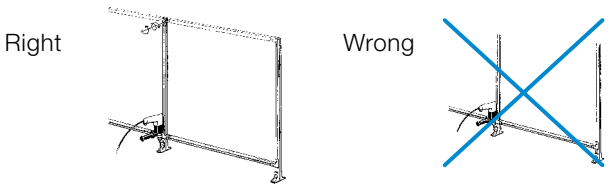
On Quick-Guard Express both Net-lock NL2 and NL3 can be used. For mesh edges without outer wire NL3 must be used instead of NL2.




NOTE! On welded mesh without an outer wire NL3 must be used.

NOTE! On both Quick-Guard Standard and Quick-Guard E at least two NL3 should be used in order to mechanically lock the mesh and to electrically ground the mesh. NL3 should only be used on doors.

## Fixing posts to the floor when mesh is required to be fitted at a later date.




Temporarily mount at least two middle profiles before drilling and fixing posts to the floor. This method is used when infill mesh or panels are to be fitted at a later date.

NOTE! Never attempt to fix the posts to the floor without first connecting at least two middle profiles to ensure the posts are parallel to each other and vertical.