

## Fact sheet

### Harp Screens | G-Harps



#### Advantages:

- G-HARPS with their slotted screen openings and smooth longitudinal wires are suitable for all screening machines with a tensioning device.
- G-HARPS consist of strong longitudinal wires in relation to the gap width, with cross wires woven in tightly and deeper than the screening plane.
- This screen is characterized by its smooth sieve surface, high stability, and secured gap width.
- highest screening performance
- wear-protected cross-wires
- long service life
- enable the advantageous use instead of finely woven square or oblong mesh cloths for the purpose of grain separation, dewatering, or desludging of materials.

#### Product description:

G-HARPS are screens made of smooth, gap-forming longitudinal wires (or with intermediate cranking as an expansion reserve), with crosswire layers of 3 x 1 or 3 x 2 wires each woven in recessed at specific intervals.

The clear width between two longitudinal wires is the gap width.

G-HARPS have fixed crosswire layer spacings. It is not possible to divide the crosswire layers without rubber strips on the dimensions of the supporting beams of the screening machine frame..

#### Standard specifications::

The gap widths are graded according to the standard series corresponding to DIN ISO 4783-3 and the wire thicknesses are adapted to DIN 4186.

The determination „G“-HARPS corresponds to an abbreviation „G“ according to DIN 4185 sheet 3.

#### Material:

Mainly made of wear and vibration-resistant spring steel wire in special grade according to DIN 17223 sheet 1.

If necessary, made of stainless steel wire (Cr/Ni) of material no. 1.4301, with strengths approximating DIN 17223/1.