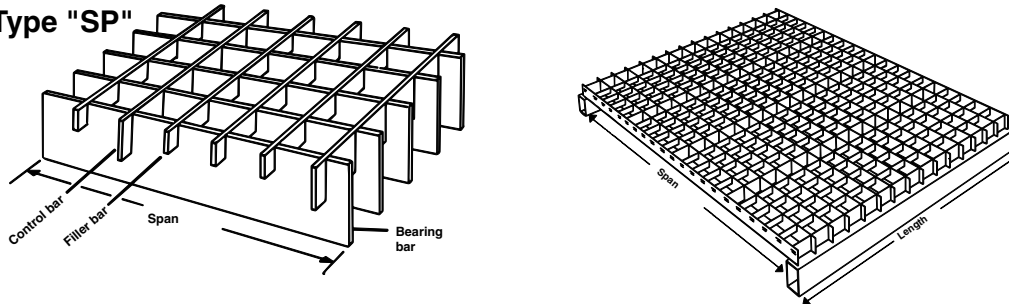


Explanation

Type SP

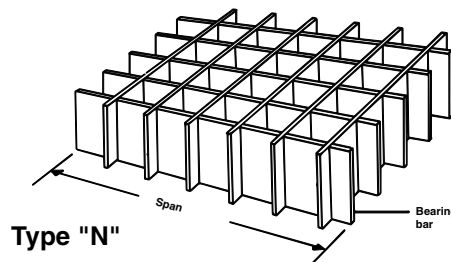
Type SP consists of bars of full height in the bearing direction (known as bearing bars), and bars with a lower height at right angles to these bearing bars (known as filler and control bars). This design ensures a strong and light structure.

Type "SP"



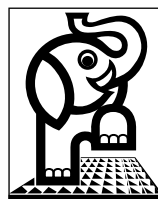
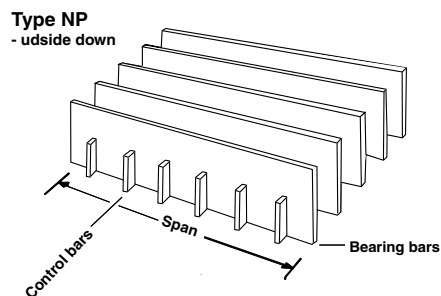
Type N

Type "N" consists of bars of full height in both directions. The advantage of type "N" is that the grating has the same appearance on both sides. Type "N" has the same strength as type "SP" providing that it is installed correctly (broken bearing bars on top)



Type NP

Type "NP" is a hybrid of both "SP" and "N". Comprising full height bearing bars in one direction and uniform reduced height bars in the other. Providing a more aesthetic appearance than "SP" which is less expensive than "N".



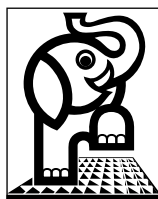
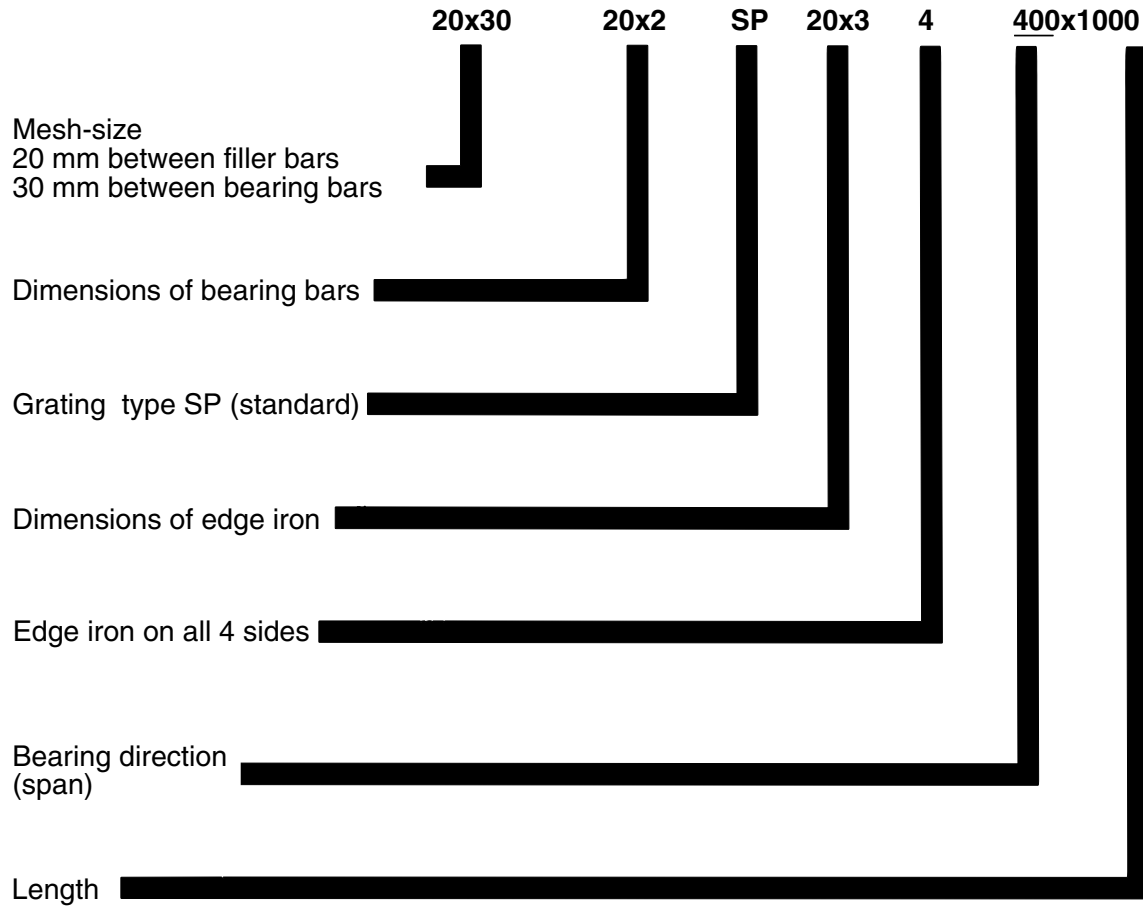
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- the original...

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Example of grating specification

20x30 / 20x2SP / 20x3 / 4
400x1000 mm



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Product Advantages

Elefant® gratings are pressure welded at each intersection ensuring maximum strength in Carbon Steel & Stainless Steel materials. This has an advantage over other grating products:

Compared to “pressure locked” gratings:

- Stronger - higher point load capabilities suitable for vehicular traffic.
- Versatile - site alterations can be easily made, as cutting can be done with hand grinders with no danger of bars popping out.
- Flexible - any mesh size from 9 mm up to 100 mm in any increment, ensuring equalized apertures in any panel size.
- Rolling - because of the welded structure of the gratings it is also possible to roll to a given radius.

Compared to “flow forged” gratings:

- Variety - not just standard mesh patterns from standard sheets elefant® gratings are made to order allowing for greater control over direction of mesh and bearing direction to suit individual requirements.
- Aesthetic - flat bars in both directions are generally more appealing especially our full depth “Type N” grating used extensively for balustrade infills and brise soleil panels.
- Alignment - owing to elefant® gratings being specially manufactured to customer requirements we are able to align bars accurately where panels are of the same size. A unique feature that proves wasteful from standard stock panels with varying bar tolerances.
- Finished - bespoke gratings supplied with +0/-2 mm dimensional tolerances complete with fixing plates, cleats or clips finished to your specification ready for site fitting all within a normal 4 working week programme. (certain finishes may require additional lead time).



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- the original...

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