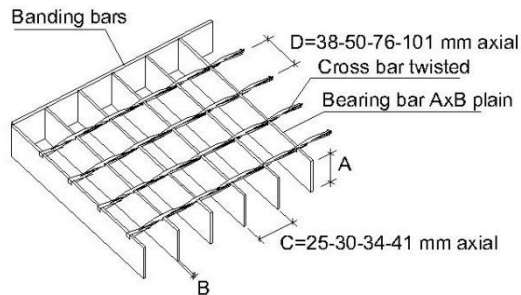


TECHNICAL DESCRIPTION

FORGE WELDED GRATINGS

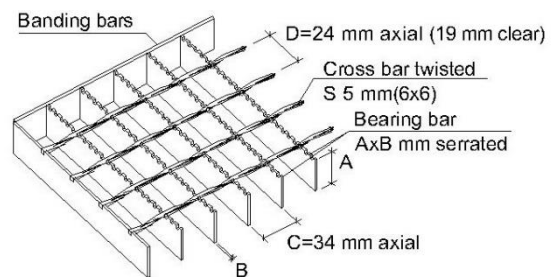
FORGE WELDED PLAIN GRATINGS
BALL - PROOF FOR Φ 35 MM



DIN 24537 - EN ISO 14122-2

TOLERANCES-CALCULATIONS ACC. TO RAL GZ 638

FORGE WELDED SERRATED GRATINGS
BALL - PROOF FOR Φ 20 MM



DIN 24537 - EN ISO 14122-2

TOLERANCES-CALCULATIONS ACC. TO RAL GZ 638

Forge welded gratings (SP) are made with bearing bars plain or serrated, with cross bars twisted or round disposed at upper side respecting the selected pitch. Each individual intersection of the bearing bar and the cross bar are welded, securing to maintain the physical and mechanical characteristics of the grating after any processing and under any condition. These gratings are very stable with optimal load distribution.

Forge welded gratings (SP) are made from structural steel (S235JR or S275JR at customer request) according to EN 10025 and are hot-dip galvanized according to EN ISO 1461.

1. For ball proof Φ 20 mm.

Axial pitch $C \times D = 34 \times 24$ mm, main bearing bars serrated or plain ($A \times B$ mm), cross bar twisted S5 mm and perimeter banding bars plain.

2. For ball proof Φ 35 mm.

Axial pitch $C \times D = 34 \times 38$ mm, main bearing bars serrated or plain ($A \times B$ mm), cross bar twisted S4,2 mm and perimeter banding bars plain.

Gratings are suitable for uniformly distributed load & for point load, according to clear span and calculations for bearing bar and pitch dimensions (RAL GZ 638). See our loading tables from site: <https://ascogratings.ro/en/tabele-incarcari/>

Forge welded gratings (SP) follow the standards.

-DIN 24537

-EN ISO 14122-2

-Tolerances - calculations according to RAL GZ 638

-Hot-Dip Galvanized according to EN ISO 1461.

Forge welded gratings (SP) are suitable for horizontal applications including products, such as: gratings for floors, racks, industrial stairs, ventilation shafts, shafts, storm water drains and covers.

STANDARD PRODUCTS (mm)

AxB	CxD	Cross bar
bearing bar	pitch	twisted profile
25x2	34x38	S4,3
30x2	34x38	S4,3
25x3	34x38	S4,3
30x3	34x38	S4,3
40x3	34x38	S4,3
30x5	34x38	S5
40x5	34x38	S5
50x5	34x38	S5,5

PRODUCTIA DE PANOURI GRATARE

6100x1000mm - truck transportation
5800x1000mm - container transportation

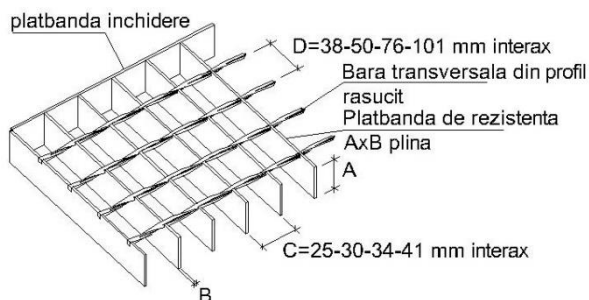
AT
CUSTOMERS
REQUEST

CxD
pitch
34x24
24x51
34x76
34x101
30x101
30x51
15x76
25x76
25x101
41x101
68x132

FISA TEHNICA

GRATARE ELECTROSUDATE

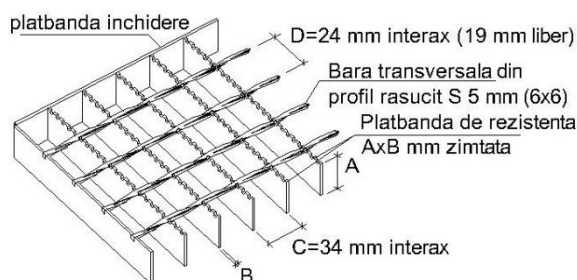
GRATARE ELECTROSUDATE PLINE
BILA MARTOR Φ 35 MM



DIN 24537 - EN ISO 14122-2

TOLERANTE-CALCULE CONFORM CU RAL GZ 638

GRATARE ELECTROSUDATE ZIMTATE
BILA MARTOR Φ 20 MM



DIN 24537 - EN ISO 14122-2

TOLERANTE-CALCULE CONFORM CU RAL GZ 638

Gratarele electrosudate (SP) sunt realizate din bare portante simple sau zimtate, cu bare transversale rasucite sau rotunde dispuse la partea superioara respectand pasul ales. Fiecare intersectie individuala a barei de rezistenta si a barei transversale sunt sudate, asigurand mentinerea caracteristicilor fizice si mecanice ale gratarului dupa orice prelucrare si in orice conditii. Aceste gratare sunt foarte stabile, cu o distributie optima a sarcinii.

Gratarele electrosudate (SP) sunt fabricate din otel pentru constructii (S235JR sau S275JR la cererea clientilor) conform cu EN 10025, zincate la cald conform ISO 1461.

1. Pentru bila martor de dimensiuni Φ 20 mm.

Interax $C \times D = 34 \times 24$ mm, platbenzile centrale pot fi zimtate sau pline (AxB mm), barele transversale din profil rasucit S5 mm si inchiderea perimetrata din platbenzi pline.

2. Pentru bila martor de dimensiuni Φ 35 mm.

Interax $C \times D = 34 \times 38$ mm, platbenzile centrale pot fi zimtate sau pline (AxB mm), barele transversale din profil rasucit S4,2 mm si inchiderea perimetrata din platbenzi pline.

Gratarele sunt potrivite pentru a suporta sarcini uniform distribuite cat si incarcari concentrate, in functie de deschiderea libera si calculele pentru platbenzile de rezistenta si interaxele barelor (RAL GZ 638). <https://ascogratings.ro/en/tabele-incarcari/>

Gratarele electrosudate (SP) respecta standardele:

- DIN 24537
- EN ISO 14122-2
- Tolerante si calcule conform cu RAL GZ 638
- Zincare la cald conform cu EN ISO 1461.

Gratarele electrosudate (SP) sunt potrivite pentru aplicatii orizontale inclusiv produse precum: gratare pentru pardoseli, rafturi, scari industrial, ghene/puturi de ventilatii, ghene, acoperiri rigole si canale.

PRODUSE STANDARD (mm)

AxB	CxD	Bara Transversala
bara portanta	interaxe	profil rasucit
25x2	34x38	S4,3
30x2	34x38	S4,3
25x3	34x38	S4,3
30x3	34x38	S4,3
40x3	34x38	S4,3
30x5	34x38	S5
40x5	34x38	S5
50x5	34x38	S5,5

PRODUCTIA DE PANOURI GRATARE

6100X1000mm - transport cu camionul
5800x1000mm - transport in container

LA CEREREA CLIENTILOR

CxD
interaxe
34x24
24x51
34x76
34x101
30x101
30x51
15x76
25x76
25x101
41x101
68x132