

**PRETURI GRATARE METALICE**
**Gratare din otel tip P - PRESATE**

 Dimensiune ochiuri (intre axe): **33,33 x 33,33 mm ( 30 x 30 )**

 Bordurat cu: **Platbanda, cu inaltimea „h” de 30 mm**

 Zincat termic (prin imersie totala) ( **DIN EN ISO 1461** )

 Material: **Otel S 235 JR**

<b>Bara portanta pe directia <b>scurta</b> ( <b>DIN 24537, RAL GZ 638:09/08</b> )</b>							
<b>BS x BP</b>	<b>ochi</b>	<b>dim. BP.- h / -d mm</b>	<b>Cod prod.: 010 ...</b>	<b>Buc / Palet</b>	<b>Pret ( &gt; 300 buc)</b>	<b>Pret unitar \\buc.</b>	
1000 x <b>500</b>	30/30	30/2	115 931	70	<b>18,30 €</b>	<b>30,90 €</b>	
1000 x <b>600</b>	30/30	30/2	115 933	70	<b>21,20 €</b>	<b>34,90 €</b>	
1000 x <b>700</b>	30/30	30/2	115 935	35	<b>23,90 €</b>	<b>38,50 €</b>	
1000 x <b>800</b>	30/30	30/2	115 937	35	<b>26,50 €</b>	<b>44,30 €</b>	
1000 x <b>900</b>	30/30	30/2	115 927	35	<b>29,65 €</b>	<b>49,80 €</b>	
1000 x <b>1000</b>	30/30	30/2	115 939	35	<b>32,10 €</b>	<b>55,30 €</b>	
1200 x <b>1000</b>	30/30	30/2	115 929	35	<b>37,40 €</b>	<b>66,40 €</b>	
1500 x <b>1000</b>	30/30	30/2	115 953	35	<b>43,90 €</b>	<b>83,20 €</b>	
1000 x <b>500</b>	30/30	30/3	115 941	70	<b>23,70 €</b>	<b>41,50 €</b>	
1000 x <b>600</b>	30/30	30/3	115 943	70	<b>27,70 €</b>	<b>47,20 €</b>	
1000 x <b>700</b>	30/30	30/3	115 945	35	<b>32,30 €</b>	<b>52,80 €</b>	
1000 x <b>800</b>	30/30	30/3	115 947	35	<b>35,20 €</b>	<b>60,00 €</b>	
1000 x <b>900</b>	30/30	30/3	115 948	35	<b>39,90 €</b>	<b>67,90 €</b>	
1000 x <b>1000</b>	30/30	30/3	115 949	35	<b>42,90 €</b>	<b>75,30 €</b>	
1200 x <b>1000</b>	30/30	30/3	115 951	35	<b>50,60 €</b>	<b>90,00 €</b>	
<b>Bara portanta pe directia <b>lunga</b> ( <b>DIN 24537, RAL GZ 638:09/08</b> )</b>							
<b>BS x BP</b>	<b>ochi</b>	<b>dim. BP.- h / -d mm</b>	<b>Cod prod.: 010 ...</b>	<b>Buc / Palet</b>	<b>Pret peste &gt;300 buc</b>	<b>Pret Unitar</b>	
500 x <b>1000</b>	30/30	<b>30/2</b>	115 961	70	<b>18,30 €</b>	<b>30,90 €</b>	
600 x <b>1000</b>	30/30	30/2	115 962	70	<b>21,20 €</b>	<b>34,90 €</b>	
700 x <b>1000</b>	30/30	30/2	115 963	35	<b>23,90 €</b>	<b>38,50 €</b>	
800 x <b>1000</b>	30/30	30/2	115 964	35	<b>26,50 €</b>	<b>44,30 €</b>	
900 x <b>1000</b>	30/30	30/2	115 965	35	<b>29,65 €</b>	<b>49,80 €</b>	
1000 x <b>1000</b>	30/30	30/2	115 939	35	<b>32,10 €</b>	<b>55,30 €</b>	
1000 x <b>1200</b>	30/30	30/2	115 967	35	<b>37,40 €</b>	<b>66,40 €</b>	
500 x <b>1000</b>	30/30	<b>30/3</b>	115 971	70	<b>23,70 €</b>	<b>41,50 €</b>	
600 x <b>1000</b>	30/30	30/3	115 972	70	<b>28,20 €</b>	<b>47,20 €</b>	
700 x <b>1000</b>	30/30	30/3	115 973	35	<b>31,60 €</b>	<b>52,80 €</b>	
800 x <b>1000</b>	30/30	30/3	115 974	35	<b>35,50 €</b>	<b>60,00 €</b>	

900 x <b>1000</b>	30/30	30/3	115 977	35	<b>40,00 €</b>	<b>67,90 €</b>	
1000 x <b>1000</b>	30/30	30/3	115 949	35	<b>42,90 €</b>	<b>75,30 €</b>	
1000 x <b>1200</b>	30/30	30/3	115 979	35	<b>50,40 €</b>	<b>90,00 €</b>	

Legenda:

BP = Bara Portanta; BS = Bara Secundara; h = inaltimea platbandei; d = grosimea platbandei

Gratare din otel tip **SP - Electroforjate**

Dimensiune ochiuri: **34 x 38 mm**

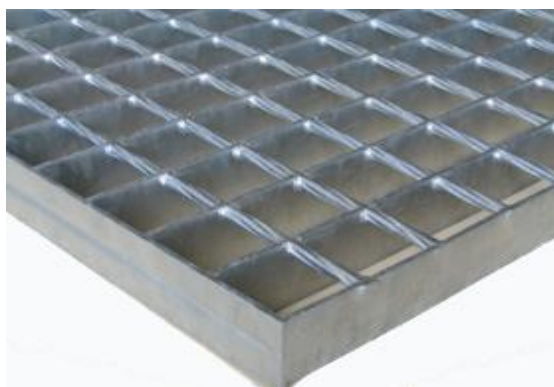
Bordurat cu: **Platbanda cu inaltimea „h” de 30 mm**

**Zincat termic (prin imersie totala)**

**Material: Otel S 235 JR**

**DIN 24537, RAL GZ 638**

**Cantitati per palet:** la BP de **500** si **600** sunt 70 buc., iar la celelalte 35 buc. per EUPalet.



BS x BP	ochi	BP.- h / -d mm	Cod prod.: 010 ...	Buc./ Palet	Pret ( > 300 buc)	Pret unitar /buc.	
1000 x <b>500</b>	34/38	<b>30/2</b>	114 000	9,9	<b>16,20 €</b>	<b>29,40 €</b>	
1000 x <b>600</b>	34/38	30/2	114 001	11,8	<b>18,60 €</b>	<b>34,00 €</b>	
1000 x <b>700</b>	34/38	30/2	114 002	13,5	<b>21,20 €</b>	<b>37,40 €</b>	
1000 x <b>800</b>	34/38	30/2	114 003	15,1	<b>23,90 €</b>	<b>42,80 €</b>	
1000 x <b>900</b>	34/38	30/2	114 004	17,0	<b>27,00 €</b>	<b>48,30 €</b>	
1000 x <b>1000</b>	34/38	30/2	114 005	18,7	<b>28,70 €</b>	<b>53,60 €</b>	
1000 x <b>1200</b>	34/38	30/2	114 006	21,9	<b>31,90 €</b>	<b>64,50 €</b>	
1000 x <b>1500</b>	34/38	30/2	114 007	27,4	<b>34,00 €</b>	<b>80,90 €</b>	
1000 x <b>2000</b>	34/38	30/2	114 008	36,5	<b>41,90 €</b>	<b>107,20 €</b>	
1000 x <b>2500</b>	34/38	30/2	114 009	44,6	<b>51,10 €</b>	<b>134,30 €</b>	
1000 x <b>3050</b>	34/38	30/2	114 010	54,0	<b>66,30 €</b>	<b>163,40 €</b>	
1000 x <b>500</b>	34/38	<b>30/3</b>	114 020	13,3	<b>20,75 €</b>	<b>39,80 €</b>	
1000 x <b>600</b>	34/38	30/3	114 021	16,0	<b>24,85 €</b>	<b>45,70 €</b>	
1000 x <b>700</b>	34/38	30/3	114 022	18,3	<b>27,55 €</b>	<b>50,60 €</b>	
1000 x <b>800</b>	34/38	30/3	114 023	20,6	<b>31,85 €</b>	<b>57,90 €</b>	
1000 x <b>900</b>	34/38	30/3	114 024	23,2	<b>34,50 €</b>	<b>65,30 €</b>	
1000 x <b>1000</b>	34/38	30/3	114 025	25,5	<b>37,15 €</b>	<b>72,30 €</b>	
1000 x <b>1200</b>	34/38	30/3	114 026	29,6	<b>42,95 €</b>	<b>87,00 €</b>	

1000 x <b>1500</b>	34/38	30/3	114 027	37,7	53,75 €	108,70 €	
1000 x <b>2000</b>	34/38	30/3	114 028	49,4	69,65 €	144,70 €	
1000 x <b>2500</b>	34/38	30/3	114 029	61,8	87,50 €	181,10 €	
1000 x <b>3050</b>	34/38	30/3	114 030	75,0	104,30 €	220,90 €	

**Legenda:**

BP = Bara Portanta; BS = Bara Secundara; h = inaltimea platbandei; d = grosimea platbandei

**Gratare tip cover "P"**

**3.000 x 1.200 mm, natur (nezincat)**

**bordurat**

BP	Ochi	Cod produs	Lista
25 x 2	30 x 30	010118455*	144,80€
25 x 2	30 x 10	010118460*	203,70€
30 x 2	30 x 30	010118435*	161,80€
30 x 2	30 x 10	010118440*	220,60€
40 x 2	30 x 30	Fertigung	195,50€
40 x 2	30 x 10	Fertigung	253,50€
30 x 3	30 x 30	010118445*	222,60€
30 x 3	30 x 10	010118450*	308,10€
40 x 3	30 x 30	010118465*	273,10€
40 x 3	30 x 10	010118470*	357,50€

peste 20 buc	intre 10 - 20 buc	sub 10 buc
Pret / buc	Pret / buc	Pret / buc
72,6 €	77,0 €	85,8 €
102,3 €	108,2 €	120,1 €
81,1 €	85,8 €	95,3 €
110,6 €	117,0 €	130,2 €
97,5 €	103,1 €	114,4 €
126,9 €	134,2 €	149,1 €
111,6 €	118,1 €	131,3 €
154,5 €	163,5 €	181,7 €
136,9 €	144,8 €	161,0 €
179,2 €	189,7 €	210,8 €

**6.100 x 1.000 mm, natur, bordurat pe 2 laturi**

BP	Ochi	Cod produs	Lista
30 x 2	34 x 38	010118810*	200,60€
30 x 3	34 x 38	010118815*	284,60€

peste 20 buc	10 - 20 buc	sub 10 buc
Pret / buc	Pret / buc	Pret / buc
100,6 €	106,5 €	118,3 €
142,6 €	151,2 €	167,8 €

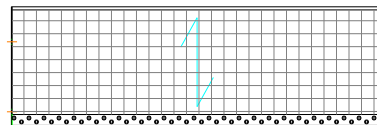
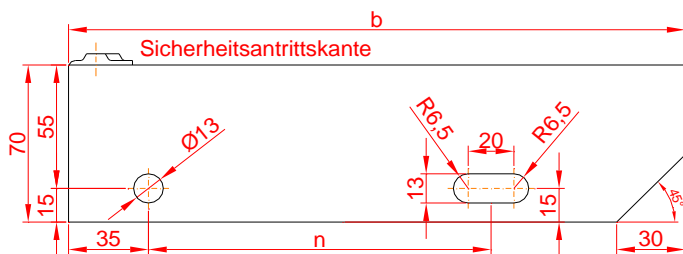
**3.050 x 1.000 mm, natur, bordurat pe 2 laturi**

BP	Ochi	Cod produs	Lista
30 x 2	34 x 38	Cod intern	124,90€
30 x 3	34 x 38	Cod intern	164,30€

peste 20 buc	10 - 20 buc	sub 10 buc
Pret / buc	Pret / buc	Pret / buc
62,9 €	66,3 €	73,7 €
82,1 €	86,9 €	96,6 €

**Step XSL**

- Executie conf. DIN 24531-1, Zincat termic conf. DIN EN ISO 1461, Noua structura portanta, **PATENTATA!**



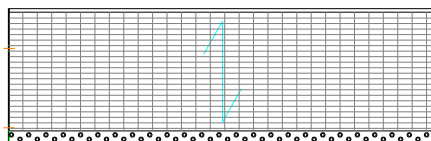
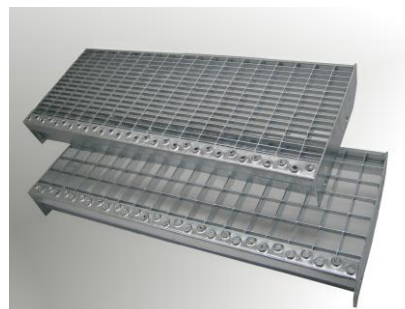
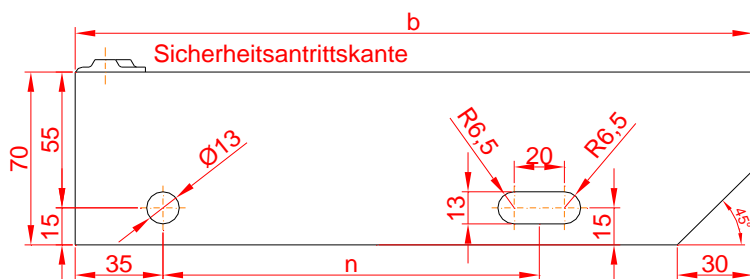
**Ochi 30/30 mm ( >300 buc)**

Lungime mm	latime b mm	n	Cod prod: 010 ...	Greutate / buc	Buc /Palet	Pret / buc
500	200	90	117 300	2,6 kg	48	20,40 €
	240	120	117 301	2,9 kg	48	20,40 €
600	200	90	117 302	3,1 kg	48	21,10 €
	240	120	117 303**	3,4 kg	48	21,10 €
	270	150	117 304**	3,7 kg	48	23,40 €
	305	180	117 305**	4,0 kg	48	24,70 €
700	200	90	117 306	3,5 kg	48	23,40 €
	240	120	117 307**	3,9 kg	48	23,40 €
	270	150	117 308**	4,2 kg	48	24,70 €
	305	180	117 309**	4,5 kg	48	26,00 €
800	200	90	117 310	3,9 kg	48	24,70 €
	240	120	117 311**	4,4 kg	48	24,70 €
	270	150	117 312**	4,7 kg	48	25,50 €
	305	180	117 313**	5,1 kg	48	27,90 €
900	200	90	117 314	4,5 kg	48	26,20 €
	240	120	117 315**	5,0 kg	48	26,20 €
	270	150	117 316**	5,4 kg	48	27,90 €
	305	180	117 317**	5,8 kg	48	30,20 €
1000	200	90	117 318	5,0 kg	48	28,00 €
	240	120	117 319**	5,5 kg	48	28,00 €
	270	150	117 320**	5,9 kg	48	29,80 €
	305	180	117 321**	6,3 kg	48	33,20 €
1100	200	90	117 322	5,7 kg	48	30,90 €
	240	120	117 323	6,3 kg	48	30,90 €
	270	150	117 324	6,7 kg	48	33,00 €

	<u>305</u>	180	117 325	7,2 kg	48	<b>36,00 €</b>
<b>1200</b>	<u>200</u>	90	117 326	6,2 kg	48	<b>32,30 €</b>
	<u>240</u>	120	117 327* *	6,8 kg	48	<b>32,30 €</b>
	<u>270</u>	150	117 328* *	7,3 kg	48	<b>34,50 €</b>
	<u>305</u>	180	117 329* *	7,8 kg	48	<b>38,50 €</b>
<b>1300</b>	<u>240</u>	120	117 330	7,6 kg	48	<b>42,10 €</b>
	<u>270</u>	150	117 331	8,2 kg	48	<b>44,30 €</b>
	<u>305</u>	180	117 332	8,7 kg	48	<b>46,60 €</b>
<b>1400</b>	<u>240</u>	120	117 333	8,2 kg	48	<b>46,20 €</b>
	<u>270</u>	150	117 334	8,7 kg	48	<b>48,30 €</b>
	<u>305</u>	180	117 335	9,3 kg	48	<b>51,30 €</b>
<b>1500</b>	<u>240</u>	120	117 336	8,7 kg	48	<b>48,50 €</b>
	<u>270</u>	150	117 337	9,3 kg	48	<b>51,10 €</b>
	<u>305</u>	180	117 338	10,0 kg	48	<b>53,60 €</b>

## Step XSL

- Executie conf. DIN 24531-1
- Zincat termic conf. DIN EN ISO 1461
- Noua structura portanta, **PATENTATA!**

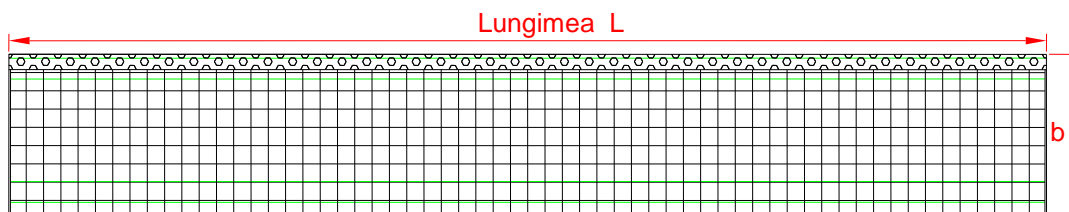


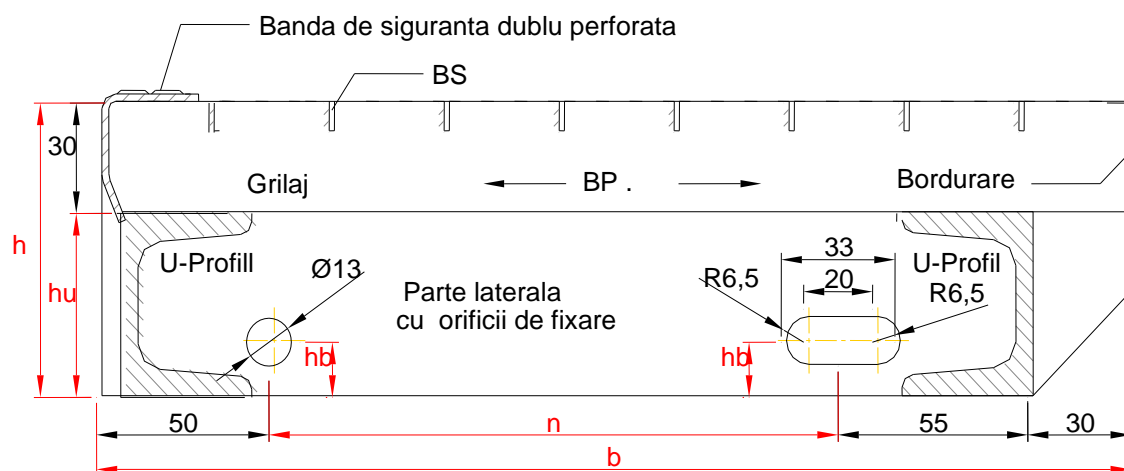
## Ochi 30/10 mm ( >300 buc)

Lungime mm	latime b mm	n	Cod prod: 010 ...	Greutate /buc	Buc /Palet	Pret / buc
<b>500</b>	<u>200</u>	90	117390	3,6 kg	48	<b>25,50 €</b>
	<u>240</u>	120	117 340	3,5 kg	48	<b>26,30 €</b>
<b>600</b>	<u>200</u>	90	117 341	3,7 kg	48	<b>28,60 €</b>
	<u>240</u>	120	117 342* *	4,1 kg	48	<b>29,20 €</b>
	<u>270</u>	150	117 343* *	4,5 kg	48	<b>30,80 €</b>
	<u>305</u>	180	117 344	4,9 kg	48	<b>31,40 €</b>
<b>700</b>	<u>200</u>	90	117 345	4,2 kg	48	<b>30,60 €</b>
	<u>240</u>	120	117 346* *	4,7 kg	48	<b>31,80 €</b>
	<u>270</u>	150	117 347* *	5,2 kg	48	<b>33,90 €</b>
	<u>305</u>	180	117 348	5,6 kg	48	<b>36,10 €</b>
<b>800</b>	<u>200</u>	90	117 349	4,8 kg	48	<b>33,70 €</b>
	<u>240</u>	120	117 350* *	5,3 kg	48	<b>34,10 €</b>
	<u>270</u>	150	117 351* *	5,8 kg	48	<b>35,90 €</b>
	<u>305</u>	180	117 352	6,3 kg	48	<b>37,10 €</b>
<b>900</b>	<u>200</u>	90	117 353	5,5 kg	48	<b>37,30 €</b>
	<u>240</u>	120	117 354* *	6,1 kg	48	<b>38,60 €</b>
	<u>270</u>	150	117 355* *	6,7 kg	48	<b>40,80 €</b>

1000	305	180	117 356	7,2 kg	48	<b>42.00 €</b>
	200	90	117 357	6,0 kg	48	<b>38.60 €</b>
	240	120	117 358* *	6,7 kg	48	<b>41.20 €</b>
	270	150	117 359* *	7,3 kg	48	<b>43.50 €</b>
	305	180	117 360	7,9 kg	48	<b>46.90 €</b>
1100	200	90	117 361	6,9 kg	48	<b>43.10 €</b>
	240	120	117 362	7,6 kg	48	<b>44.10 €</b>
	270	150	117 363	8,3 kg	48	<b>46.70 €</b>
	305	180	117 364	8,9 kg	48	<b>49.20 €</b>
1200	200	90	117 365	7,4 kg	48	<b>45.50 €</b>
	240	120	117 366	8,3 kg	48	<b>46.60 €</b>
	270	150	117 367* *	9,0 kg	48	<b>48.20 €</b>
	305	180	117 368*	9,6 kg	48	<b>52.00 €</b>
1300	240	120	117 369	9,3 kg	48	<b>60.60 €</b>
	270	150	117 370	10,0 kg	48	<b>64.30 €</b>
	305	180	117 371	10,7 kg	48	<b>67.30 €</b>
1400	240	120	117 372	9,9 kg	48	<b>66.10 €</b>
	270	150	117 373	10,8 kg	48	<b>69.90 €</b>
	305	180	117 374	11,5 kg	48	<b>73.70 €</b>
1500	240	120	117 375	10,6 kg	48	<b>72.00 €</b>
	270	150	117 376	11,5 kg	48	<b>75.40 €</b>
	305	180	117 377	12,3 kg	48	<b>78.80 €</b>

## Step **XXL** -Trepte cu o lungime de pana la 3000 mm





Pret (>300 buc)

				Latime b in mm							
Ochi 30/30				b = 270 n = 135		b = 305 n = 170		b = 350 n = 215		b = 400 n = 265	
Lungime	h	hu	hb	Pret	Greutat	Pret	Greuta	Pret	Greuta	Pret	Greuta
mm	mm	mm	mm	EUR /ml	kg/ml	EUR /ml	kg/ml	EUR /ml	kg/ml	EUR /ml	kg/ml
1600 - 2399	80	50	20	44,80€	ca. 18,5	46,30€	ca.19,3	49,40€	ca. 20	52,50€	ca.20,4
2400 - 3000	95	65	20	46,30€	ca. 20	49,40€	ca. 21	52,50€	ca. 22	55,70€	ca. 23

Pentru facilitatea „antialunecare“: + 5 %

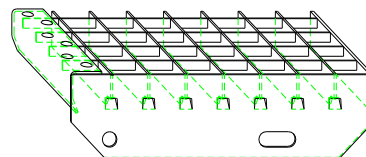
Pentru ochiul de 30/10 mm: + 5 %

Legenda:

**Sicherheitsantrittskante = Banda de siguranta dublu perforata**

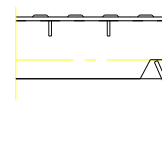
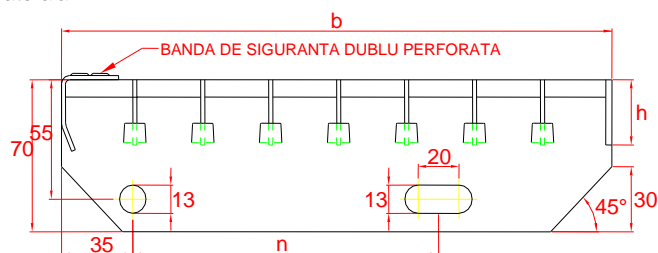
## Trepte tip Step

- Executie conf. DIN 24531-1
- Zincat termic conf. DIN EN ISO 1461
- Incarcarile nominale conf. DIN EN ISO 14122-3



### DIN 24531-1 / Ochi 30/30 mm

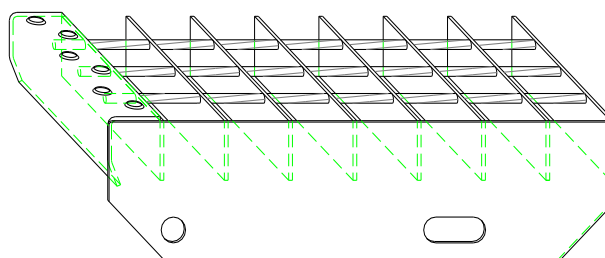
Vedere laterala



Lungime mm	latime b mm	BP	n	Cod produs: 010 ...	Greutate /buc	Pret / buc
<b>600</b>	240	30/1,5	120	117 010	3,6 kg	<b>21,10 €</b>
	270	30/1,5	150	117 015	4,0 kg	<b>23,40 €</b>
	305	30/1,5	180	117 020	4,4 kg	<b>24,70 €</b>
<b>700</b>	240	30/2	120	117 085	4,6 kg	<b>23,40 €</b>
	270	30/2	150	117 027	5,1 kg	<b>24,70 €</b>
	305	30/2	180	117 080	5,7 kg	<b>26,00 €</b>
<b>800</b>	240	30/2	120	117 025	5,2 kg	<b>24,70 €</b>
	270	30/2	150	117 030	5,8 kg	<b>25,50 €</b>
	305	30/2	180	117 035	6,4 kg	<b>27,90 €</b>
<b>900</b>	240	35/2	120	117 075	6,3 kg	<b>26,20 €</b>
	270	35/2	150	117 033	7,0 kg	<b>27,90 €</b>
	305	35/2	180	117 070	7,7 kg	<b>30,20 €</b>
<b>1000</b>	240	35/2	120	117 040	6,9 kg	<b>28,00 €</b>
	270	35/2	150	117 045	7,7 kg	<b>29,80 €</b>
	305	35/2	180	117 050	8,5 kg	<b>33,20 €</b>
<b>1200</b>	240	40/2	120	117 055	8,9 kg	<b>33,30 €</b>
	270	40/2	150	117 060	9,9 kg	<b>34,50 €</b>
	305	40/2	180	117 065	10,9 kg	<b>38,50 €</b>



## Trepte tip Step **SP** (electroforjate)



- Ochi 34,3 x 38,2 mm
- Conf. DIN 24531-1
- Zincat termic conf. DIN EN ISO 1461
- Incarcările nominale conf. DIN EN ISO 14122-3

Lungimea mm	latime b mm	BP mm	n	Cod prod 010...	Greutate	Pret ( >300 buc)	Pret unitar /buc.
600	240	30 / 2	120	114 050	4,0 kg	<b>10,70 €</b>	<b>21,90 €</b>
	270	30 / 2	150	114 051	4,5 kg	<b>11,40 €</b>	<b>22,10 €</b>
	305	30 / 2	180	114 052	5,0 kg	<b>12,10 €</b>	<b>24,90 €</b>
800	240	30 / 2	120	114053	5,1 kg	<b>11,40 €</b>	<b>23,20 €</b>
	270	30 / 2	150	114054	5,7 kg	<b>11,80 €</b>	<b>24,90 €</b>
	305	30 / 2	180	114055	6,3 kg	<b>12,60 €</b>	<b>26,20 €</b>
1000	240	30 / 3	120	114056	7,9 kg	<b>15,00 €</b>	<b>31,50 €</b>
	270	30 / 3	150	114057	8,9 kg	<b>17,00 €</b>	<b>33,00 €</b>
	305	30 / 3	180	114058	9,9 kg	<b>18,10 €</b>	<b>35,00 €</b>
1200	240	40 / 2	120	114059	8,7 kg	<b>17,70 €</b>	<b>34,00 €</b>
	270	40 / 2	150	114060	9,7 kg	<b>19,70 €</b>	<b>38,20 €</b>
	305	40 / 2	180	114061	10,8 kg	<b>21,40 €</b>	<b>43,20 €</b>

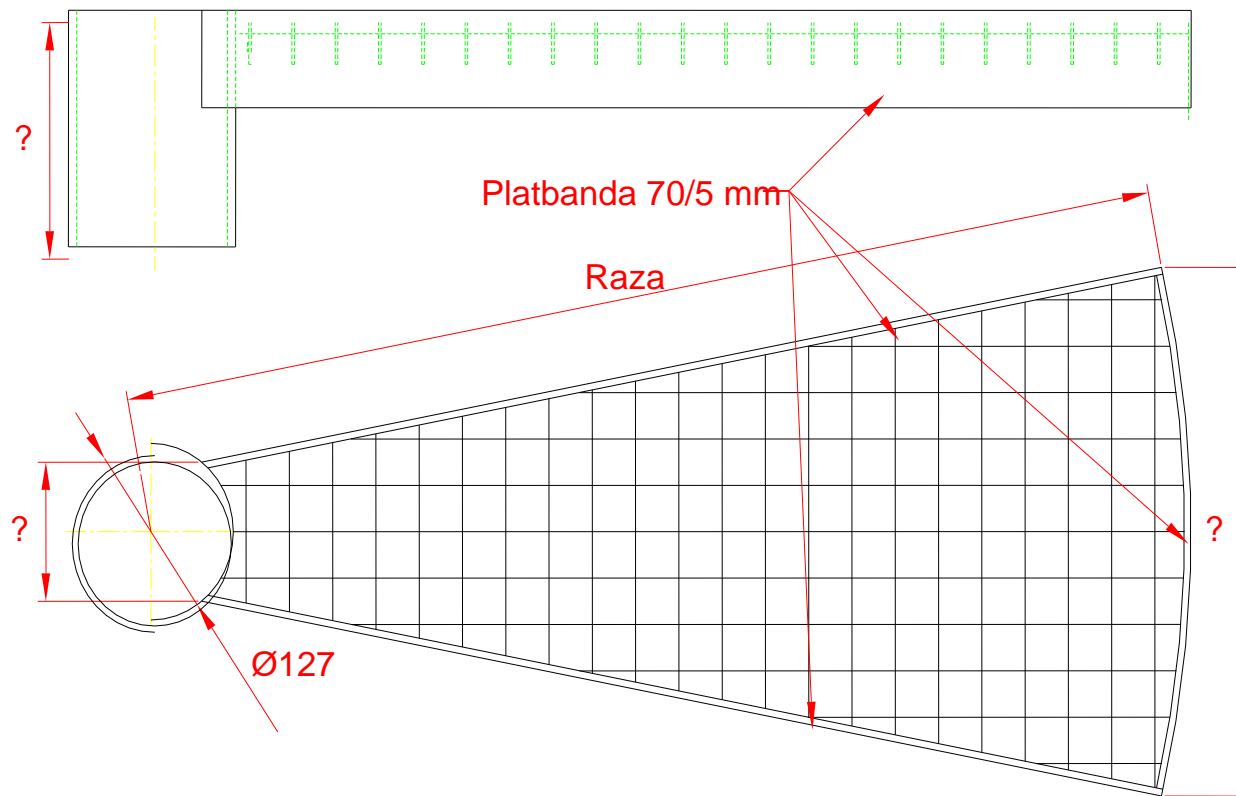
## Scari in spirala

Ochi **30/30 mm**, BP este de **30/2 mm** pe directia scurta.  
Bordurarea cu platbanda de **70/5 mm**, **Teava centrala** este de 127,4 x 4,5 mm.

**Schema de calcul:**

Raza	Pret euro / buc
bis 800 mm	<b>103,80 €</b>
bis 1000 mm	<b>119,60 €</b>
bis 1200 mm	<b>142,50 €</b>
<b>Ochi 30/10 mm</b>	
	+ 5 %
<b>Facilitatea „antialunecare“</b>	
	+ 5 %
<b>Fara teava</b>	
	<b>minus</b>
fara <b>teava centrala</b>	natur
	zincat
	- 12 € / Stück
	- 13,40 € / Stück

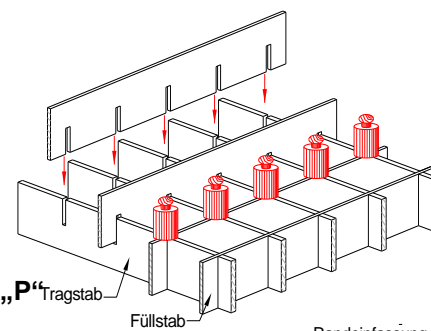
= Pretul final ... € / buc



## Gratare pline

Executat conf. RAL-GZ 638

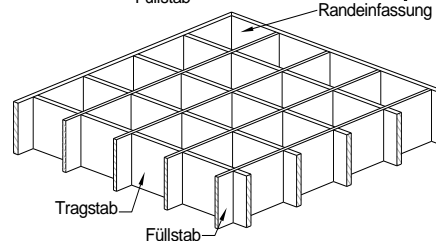
Incarcarea maxima este de 80% din incarcarea unui gratar presat „P“



### Dimensiuni maxime:

BP: 3.000 mm

BS: 1.200 mm



La gratarele pline BP este identica ca dimensiuni cu BS.

Preturi pana la o cantitate maxima de 50 m<sup>2</sup>:

Pret

Ochi	30/30	30/40	30/60	40/30	40/40	40/60	60/30	60/40
------	-------	-------	-------	-------	-------	-------	-------	-------

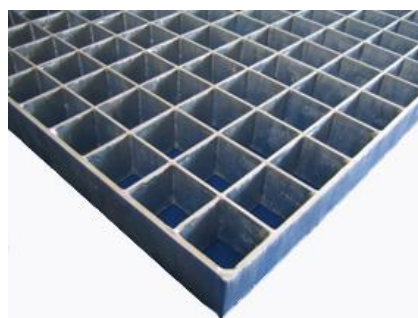
Ochi (dist. Intre axe)	33/33	33/44	33/66	44/33	44/44	44/66	66/33	66/44
BP - BS	€/m <sup>2</sup>	€/m <sup>2</sup>	€/m <sup>2</sup>	€/m <sup>2</sup>	€/m <sup>2</sup>	€/m <sup>2</sup>	€/m <sup>2</sup>	€/m <sup>2</sup>
25/2	50,5	47,3	41,3	47,3	45,7	38,4	41,3	38,4
30/2	55,3	53,1	44,3	53,1	51,6	41,3	44,3	41,3
35/2	66,4	63,3	54,2	63,3	62,0	50,1	54,2	50,1
40/2	69,4	67,1	56,0	67,1	65,7	53,1	56,0	53,1
30/3	73,8	66,4	57,5	66,4	59,0	50,1	57,5	50,1
35/3	91,5	81,2	67,9	81,2	69,4	57,5	67,9	57,5
40/3	98,9	88,5	76,8	88,5	79,6	64,9	76,8	64,9
50/3	128,4	113,7	97,4	113,7	101,8	84,1	97,4	84,1
60/3	153,4	135,8	118,0	135,8	121,0	101,8	118,0	101,8

Legenda:

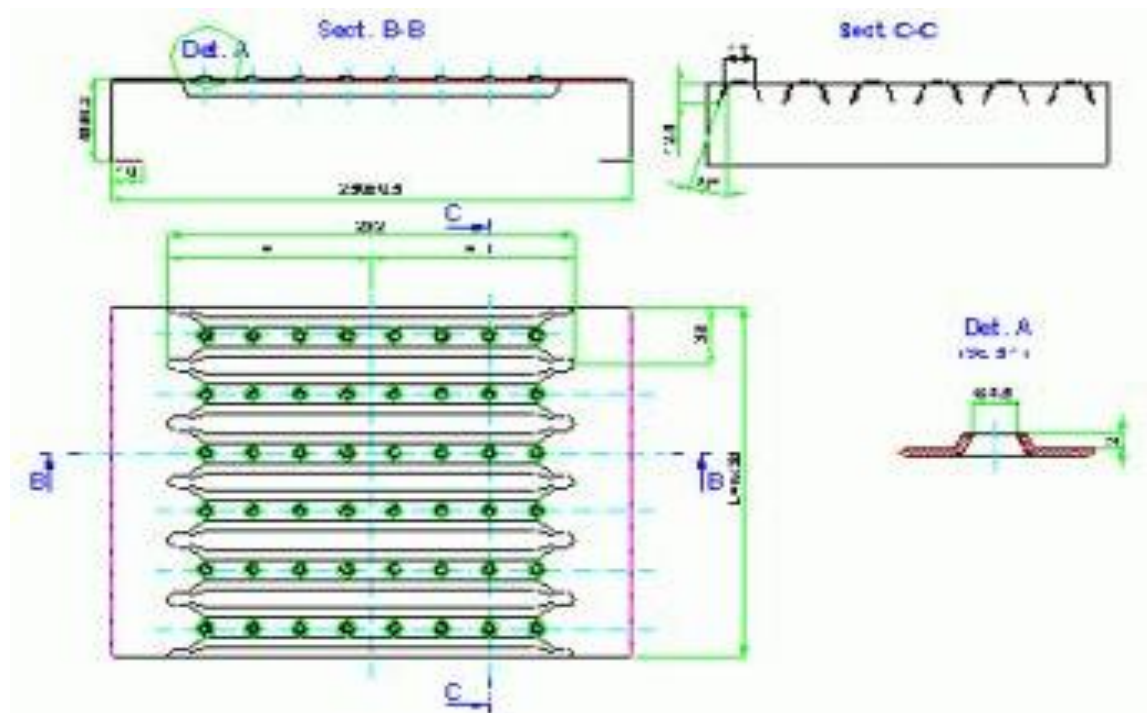
**Tragstab = BP (Bara Portanta)**

**Füllstab = BS (Bara Secundara)**

**Randefassung = Bordura**



## ELEMENT GRĂȚAR TIP 1



Materialul utilizat pentru elementul gratar este tabla zincata, tabla decapata zincata termic sau vopsita, tabla inox. Caracteristicile mecanice ale materialului sint conform STAS -10108/90. Pe suprafata elementului gratar sint realizate, prin ambutisare, proeminente antiderapante.

Elementul gratar nu necesita operatii de prelucrare ulterioare. Elementul gratar tip 1 folosit ca platforma suporta o incarcare maxima admisa de 948 Kg/m<sup>2</sup> iar ca treapta suporta o incarcare maxima admisa de 556 Kg/m<sup>2</sup>.

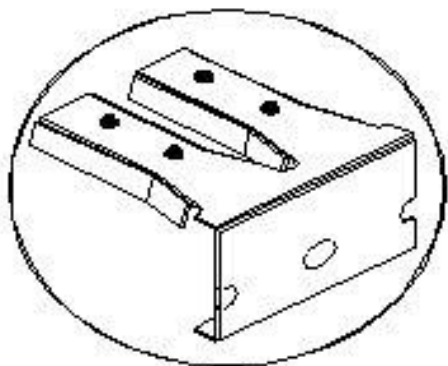
Elementul gratar se poate folosi singur sau in montaje cu alte elemente pentru realizarea de schele si scari ajutatoare, compartimentari prin folosirea montajului vertical , etc.; industria navala: pentru realizarea platformelor de interventie la nave in reparatie sau constructie; industria petrochimica: pentru realizarea de scari si platforme; industria aeronautica : in sectorul de intretinere si constructie aeronave la sol; industria energetica: scari si platforme in jurul cazanelor;-depozite: scari si rafturi.

Avantaje:-greutate redusa a produsului -eliminarea operatiilor de sudura la executie;-calitati antiderapante deosebite;-montare/demontare deosebit de usoara;

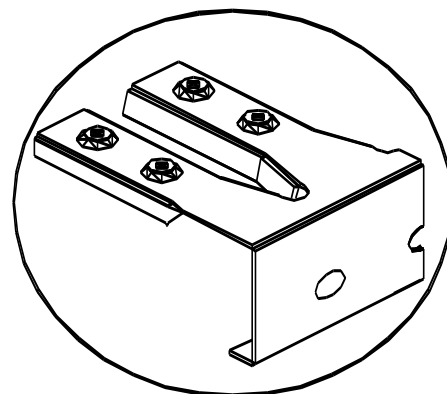
### **AGREMENT TEHNIC 002-01/023-96**

emis de Comisia De Agreement Tehnic In Constructii a Ministerului Lucrarilor Publice  
si Amenajarii Teritoriului

**ANTIDERAPANT**

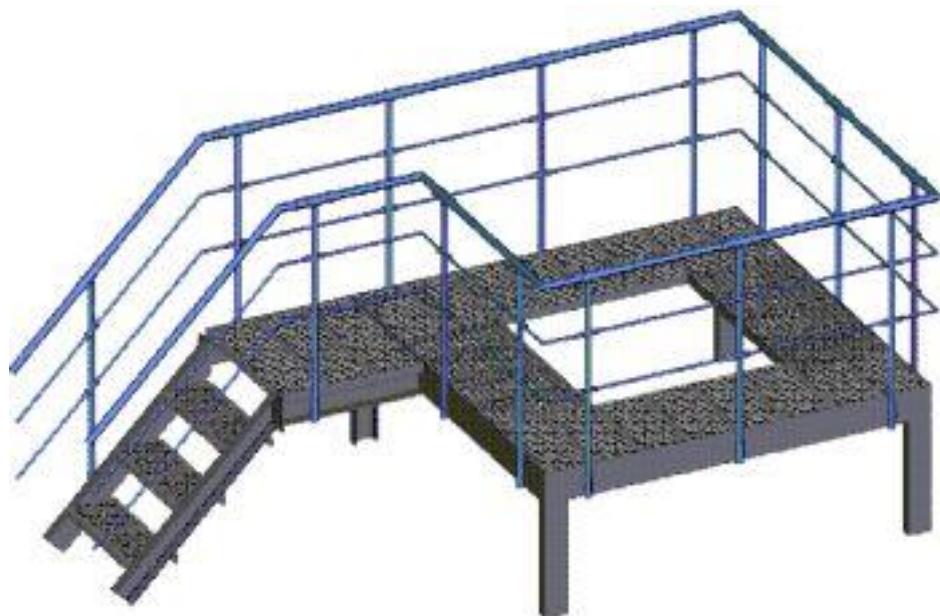


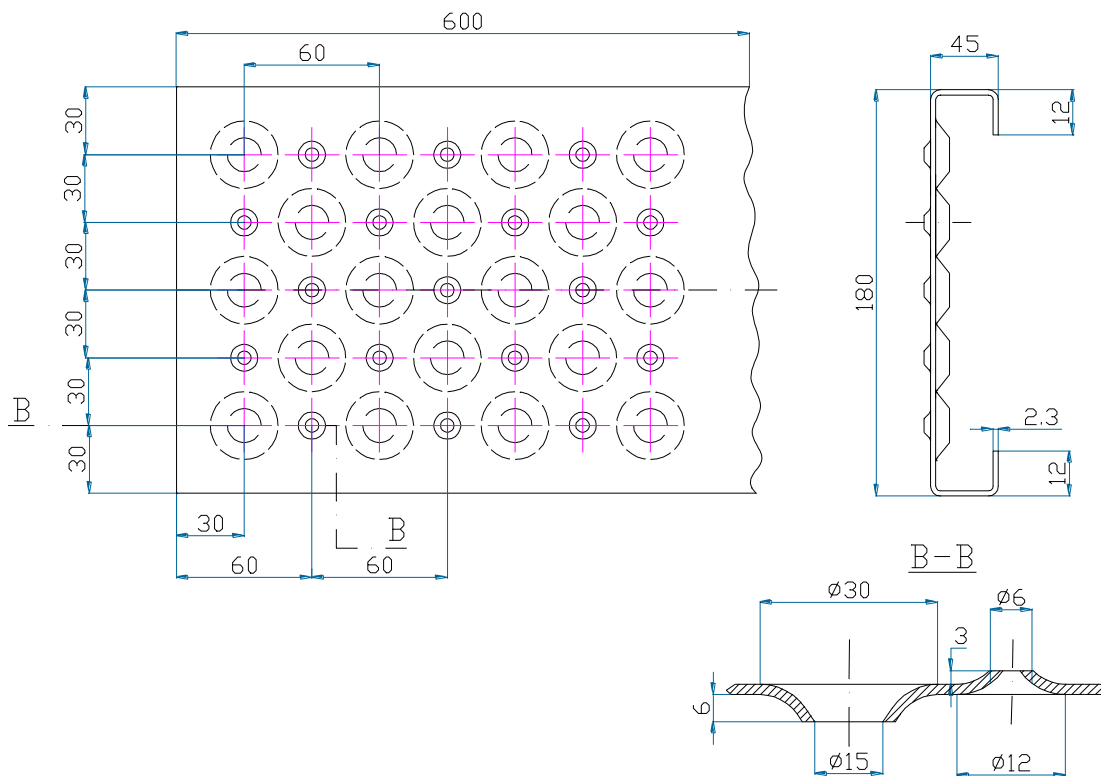
**ANTIDERAPANT PERFORATE**



MATERIAL	GROSIME	Pret (EUR/m <sup>2</sup> )
Tabla decapata	1,5 mm	37,00
Tabla decapata	2 mm	45,00
Tabla zincata	1,5 mm	45,00
Tabla zincata	2 mm	53,00
Tabla decapata zincata termic	1,5 mm	80,00
Tabla decapata zincata termic	2 mm	90,00
Tabla decapata vopsita electrostatic	1,5 mm	50,00
Tabla decapata vopsita electrostatic	2 mm	55,00
Tabla inox	1mm	145,00
Tabla inox	1,5 mm	190,00
Tabla inox	2 mm	235,00

Preturile nu include T.V.A.



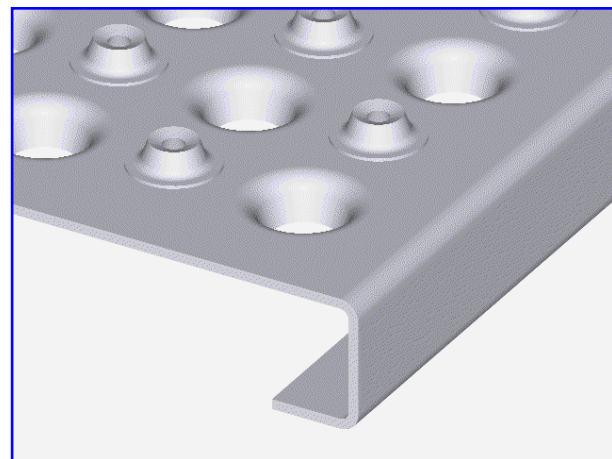


## ELEMENT METALIC PENTRU CONSTRUCTII – GRATAR TIP 2

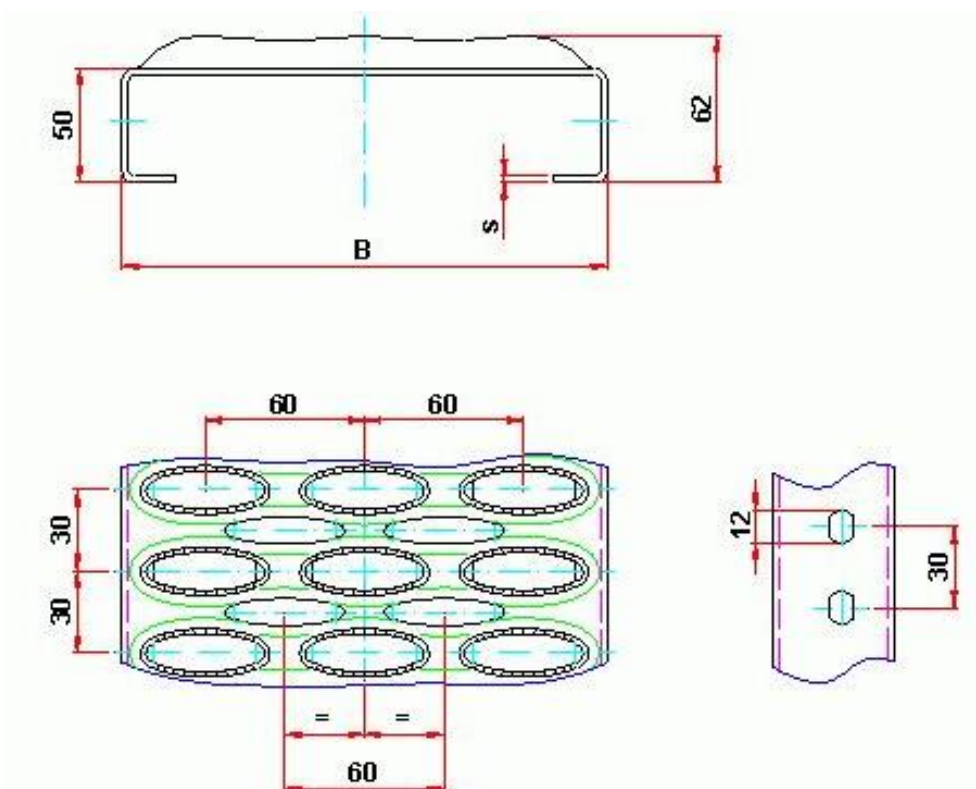
Este destinat realizarii de platforme, scari sau schele metalice, in constructii civile si industriale, navale sau orice alt domeniu

**BREVET DE INVENȚIE Nr: 113481 B**

g [mm]	PREȚ [EUR/m <sup>2</sup> ] fara TVA				
	OL37	Zn. termic	Tb. Zn.	Inox	Tb. vopsita
2	43,00	80,00	53,00	225,00	50,00
2.5	50,00	85,00	-	275,00	60,00
3	55,00	90,00	-	290,00	65,00

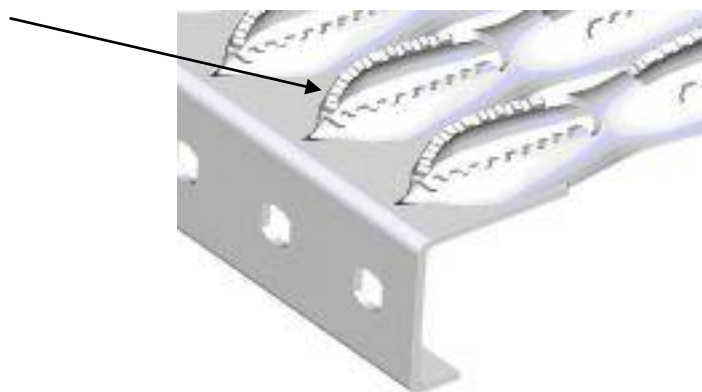


### GRATAR TIP 3

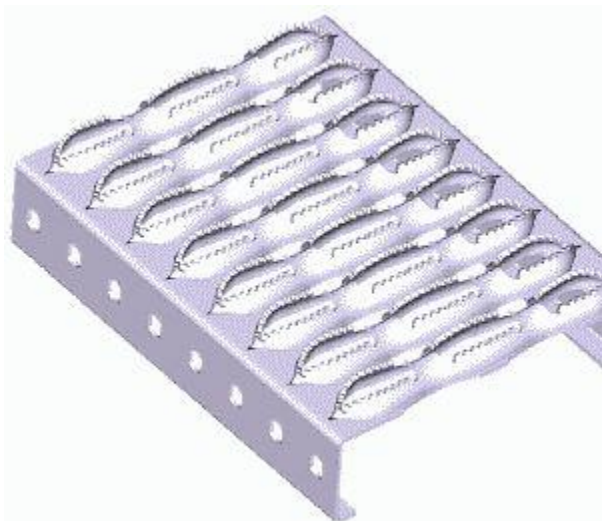


Proeminente antiderapante

Detaliu





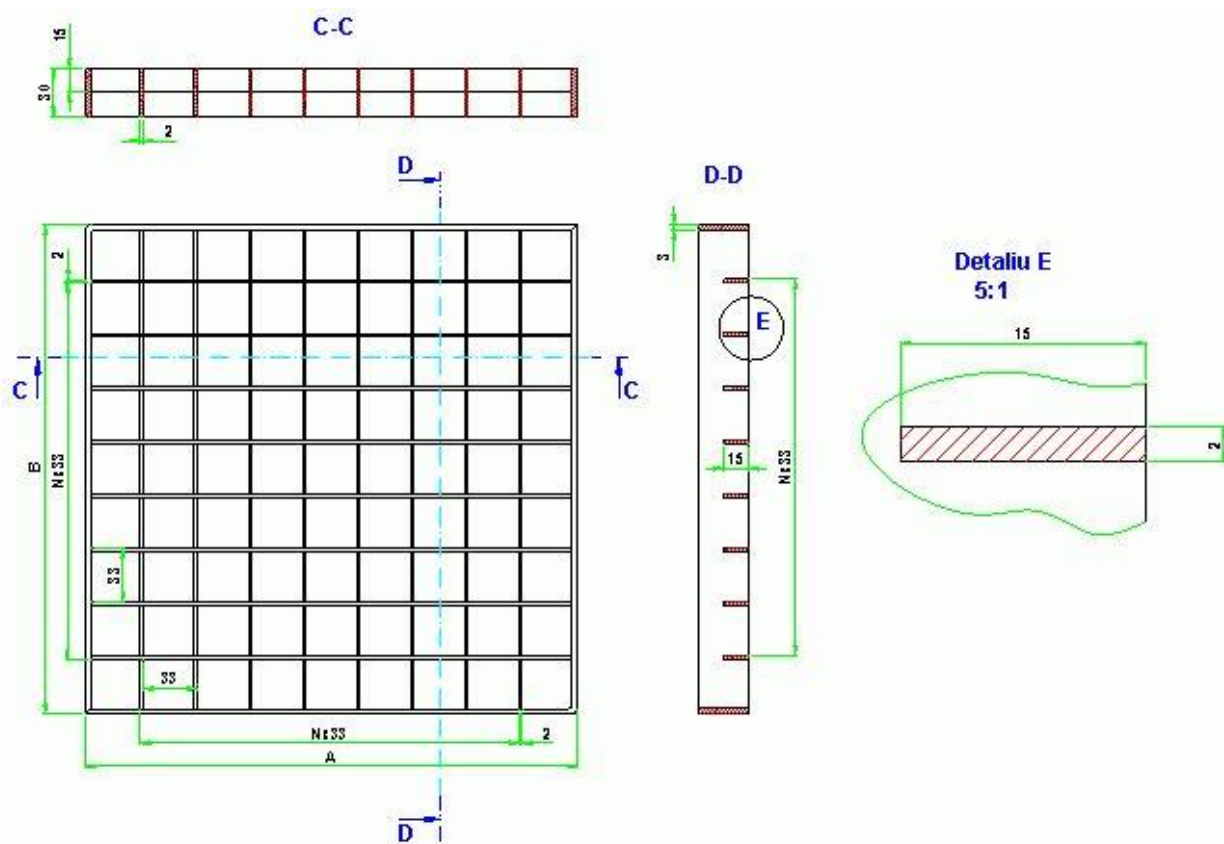


- Este realizat prin ambutisare la rece din tabla de **aluminu** cu grosimea de 2,5 si 3 mm
- Se pot realiza platforme, pasarele, scari, schele pentru constructii civile, industriale sau socio-culturale

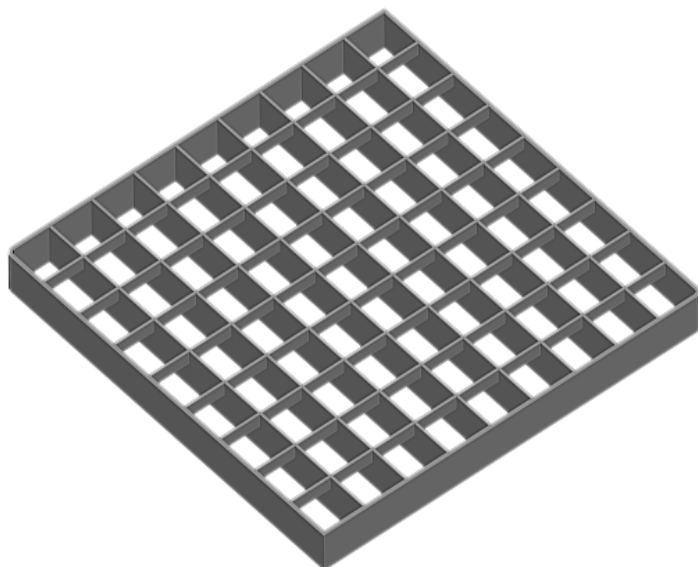
Lungimea gratarului, "L" se specifica in comanda si va multiplu de 30 mm +50 pana la maxim 3000 mm.

Nr. crt	s	B	Pret fara TVA [EUR/m <sup>2</sup> ]
1	3	180	90,00
2	2.5	250	85,00

### GRATAR MODEL 4 - tip "figure"



- Dimensiunea de gabarit AxB poate fi de maxim 1000x2000mm
- Sarcina admisa - 600 kg/m<sup>2</sup> (pt. platbanda gros. 2mm)
- Ansamblul se realizeaza din tabla decapata, tabla zincata termic sau inox
- Grosimea stratului de zinc 80 μm
- Greutatea specifica a gratarului din platb.gros. 2mm : 23,3 kg/m<sup>2</sup>
- Greutatea specifica a gratarului din platb.gros. 3mm : 36,20kg/m<sup>2</sup>



<b>Material</b>	<b>Platbanda gros.2mm Pret (EUR/m<sup>2</sup>)</b>	<b>Platbanda gros.3mm Pret (EUR/m<sup>2</sup>)</b>
Tabla decapata	50,00	70,00
Tabla zincata termic	95,00	115,00
Inox	200,00	-
Tabla otel vopsita	60,00	80,00

Preturile nu includ T.V.A.  
Oferta este valabila 30 de zile