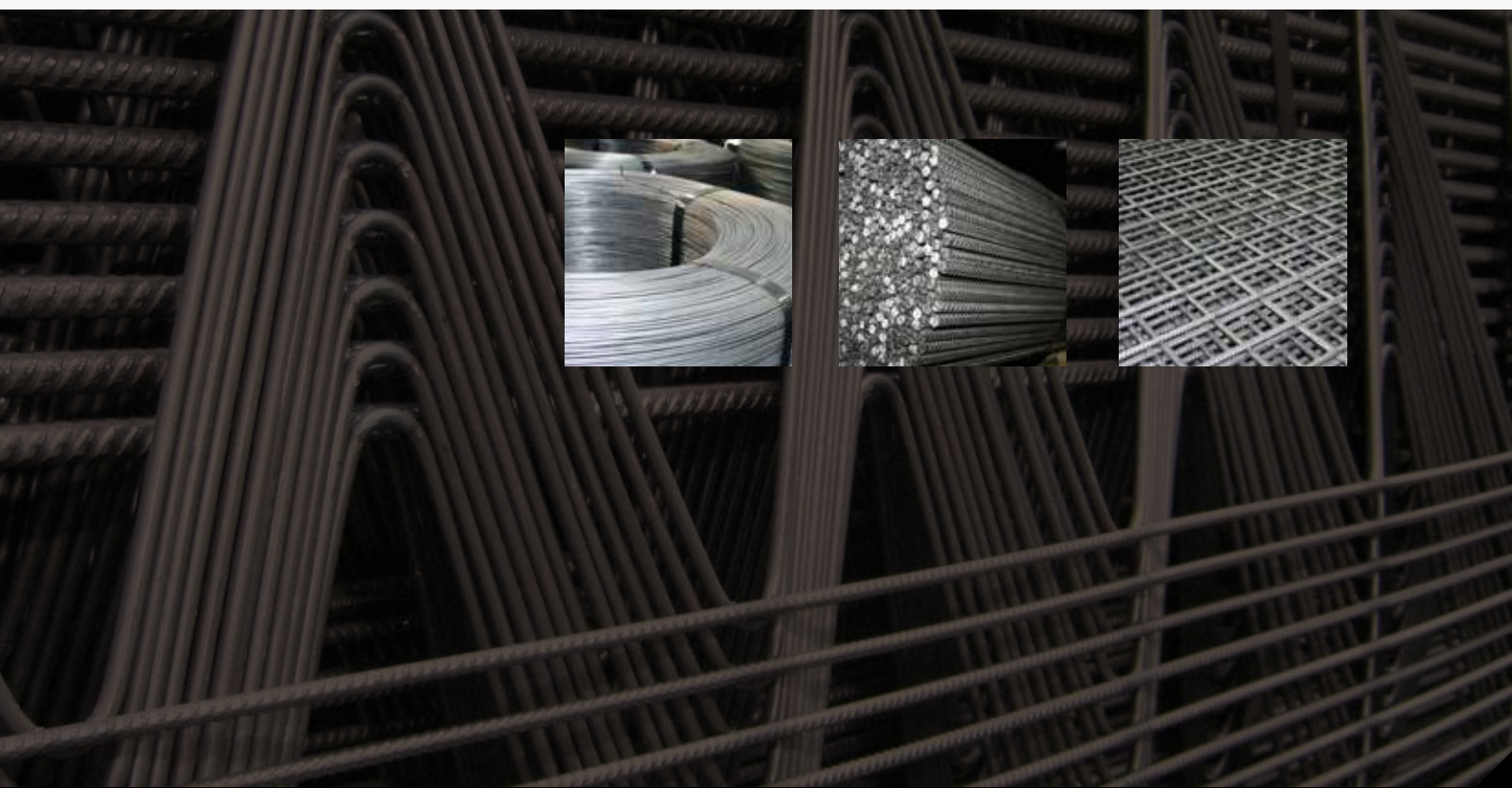


Wire is our business



Dear Customer

You will hereby find our brochure in which we would like to inform you about the extensive Intersig-Van Merksteijn product range. The steel trade is however a continuously moving industry and for that reason you can always consult our most recent updates on our websites:

- www.intersig.be
- www.van-merksteijn.com

If you have any additional questions, you can always contact one of our employees in Dendermonde (+32 52 20 30 50) or Almelo (+31 546 588 200).

Best regards,

Intersig - Van Merksteijn

Chapter 1

1. Coils	3
Cold drawn	
Hot rolled	
2. Bars	12
3. Mesh	16
4. Lattice girders	38
5. Spacers	52
6. Brickwork reinforcement	61
7. Engine building	66
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Cold drawn ribbed B500A

ROL.WA-GR-B500A



	KG / COIL					
ø 4*	1.600					
ø 4.5*	1.600					
ø 5	1.600					
ø 5.5	1.600					
ø 6**	1.600	2.000	2.500			
ø 7	1.600	2.000		3.000		
ø 8**	1.600	2.000	2.500	3.000	4.000	5.000
ø 9		2.000				
ø 10**	1.600	2.000	2.500	3.000	4.000	5.000
ø 12**	1.600	2.000	2.500	3.000	4.000	5.000
ø 14		2.000	2.500	3.000	4.000	
ø 16			2.500	3.000	4.000	5.000

* Diameters < ø5 are quality B500 instead of B500A.

** Only the diameters marked with 2 asterisks are certified for Germany

Other combinations on demand.

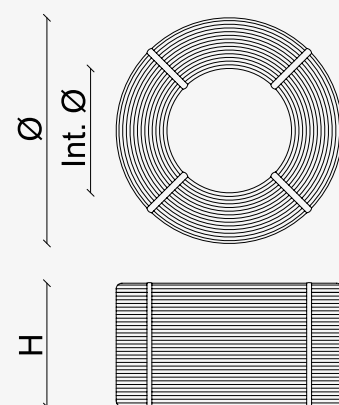
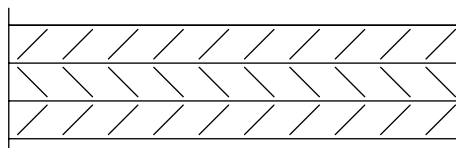
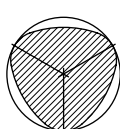
Target dimensions

	1.600 KG	2.000 KG	2.500 KG	3.000 KG	4.000 KG	5.000 KG
Int. ø	600	600	600	600	600	600
H (mm)	700	700	700	700	980	980
ø (mm)	1.000	1.100	1.200	1.200	1.200	1.300

Grade B500A - DE500BS (Ribbed)

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re		Total elongation at max force Agt %	
		5 ≤ d ≤ 5.5	d ≥ 6	5 ≤ d ≤ 5.5	d ≥ 6
Minimum characteristic value Cv	500	1,03	1,05	2,5	3,5

Producers mark



Certificates Intersig nv



Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv



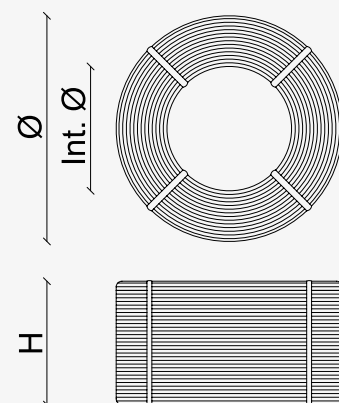
For the up to date scope on our certificates, we would like to refer you to our website.

Cold drawn indented B500A

ROL.WA-EM-B500A



	KG / COIL			
ø 5	1.600			
ø 6	1.600	2.000		
ø 7	1.600	2.000	2.500	
ø 8	1.600	2.000	2.500	3.000
ø 9	1.600	2.000	2.500	3.000
ø 10	1.600	2.000	2.500	3.000
ø 12	1.600	2.000	2.500	3.000
ø 14			2.500	3.000
ø 16			2.500	3.000



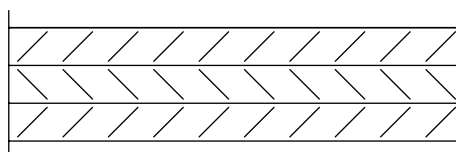
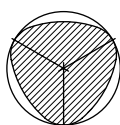
Target dimensions

	1.600 KG	2.000 KG	2.500 KG	3.000 KG	4.000 KG	5.000 KG
Int. ø	600	600	600	600	600	600
H (mm)	700	700	700	700	980	980
ø (mm)	1.000	1.100	1.200	1.200	1.200	1.300

Grade B500A (Indented)

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re		Total elongation at max force Agt %	
		5	d ≥ 6	5	d ≥ 6
Minimum characteristic value Cv	500	1,03	1,05	2	2,5

Producers mark



Certificates Intersig nv

Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Cold drawn smooth B500A

ROL.WA-GL-B500A



	KG / COIL		
ø 4*	2.000		
ø 4.5*		2.500	
ø 5			3.000
ø 6			3.000
ø 7			3.000
ø 8			3.000
ø 10			3.000

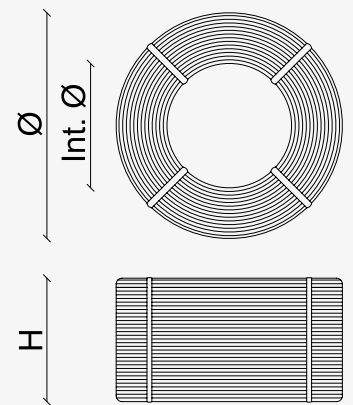
* Diameters < ø5 are quality B500 instead of B500A.
Other combinations on demand.

Target dimensions

	1.600 KG	2.000 KG	2.500 KG	3.000 KG	4.000 KG	5.000 KG
Int. ø	600	600	600	600	600	600
H (mm)	700	700	700	700	980	980
ø (mm)	1.000	1.100	1.200	1.200	1.200	1.300

Grade B500A - DE500BS (Smooth)

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re		Total elongation at max force Agt %	
		5 ≤ d ≤ 5.5	d ≥ 6	5 ≤ d ≤ 5.5	d ≥ 6
Minimum characteristic value Cv	500	1,03	1,05	2,5	3,5



Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Cold drawn bewehrungsdraht P B500A

ROL.WA-BD-B500A

KG / COIL

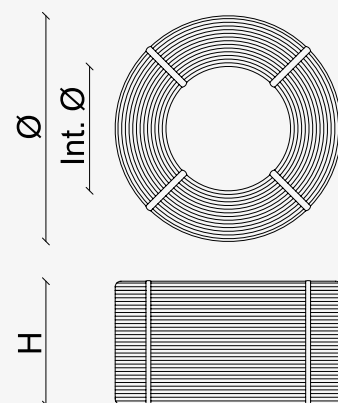
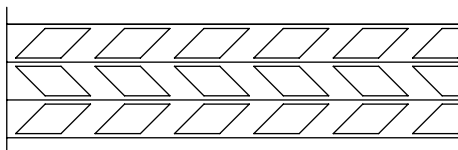
ø 5	2.000
ø 6	2.000
ø 7	2.000
ø 8	2.000
ø 10	2.000
ø 12	2.000

Other combinations on demand.

Grade B500A

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re		Total elongation at max force Agt %	
		5 ≤ d ≤ 5.5	d ≥ 6	5 ≤ d ≤ 5.5	d ≥ 6
Minimum characteristic value Cv	500	1,03	1,05	2	2,5

Producers mark



Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Cold drawn indented B500B

ROL.WA-EM-B500B


	KG / COIL	
ø 6	1.600	
ø 8		2.500
ø 10		2.500
ø 12		2.500
ø 14		2.500
ø 16		2.500

Other combinations on demand.

Target dimensions

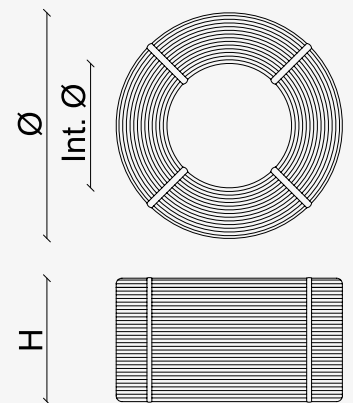
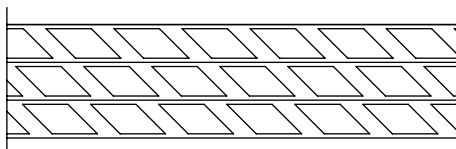
	1.600 KG	2.000 KG	2.500 KG	3.000 KG	4.000 KG	5.000 KG
Int. ø	600	600	600	600*	600	600*
H (mm)	700	700	700	700	980	980
ø (mm)	1.000	1.100	1.200	1.200	1.200	1.300

*Coils ø20 have an internal diameter of 900 mm

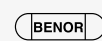
Grade B500B - BE500ES (indented)

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re	Total elongation at max force Agt %
Minimum characteristic value Cv	500	1,08	5,5

Producers mark



Certificates Intersig nv



Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Hot rolled ribbed B500B

ROL.WB-GR-B500B

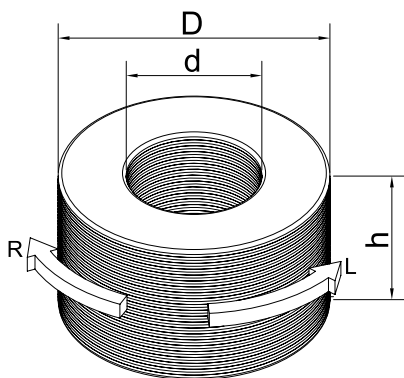


	KG / COIL			
ø 8	2.500	3.000		
ø 10	2.500	3.000		
ø 12	2.500	3.000	4.000	5.000
ø 14	2.500	3.000	4.000	5.000
ø 16	2.500	3.000	4.000	5.000

Other combinations on demand.

Target dimensions

	2.500 KG	3.000 KG	4.000 KG	5.000 KG
Int. ø	600	600	600	600
H (mm)	700	700	980	980
ø (mm)	1.200	1.200	1.200	1.300

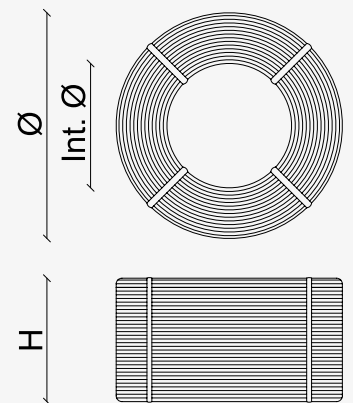
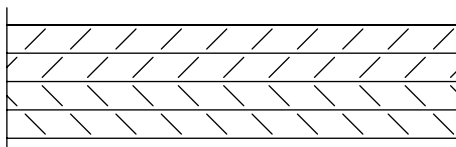


Unwinding to the left and the right are both possible.

Grade B500B - BE500TS (Ribbed)

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re	Total elongation at max force Agt %
Minimum characteristic value Cv	500	1,08	5,5

Producers mark



Certificates Intersig nv



Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Hot rolled ribbed B500C

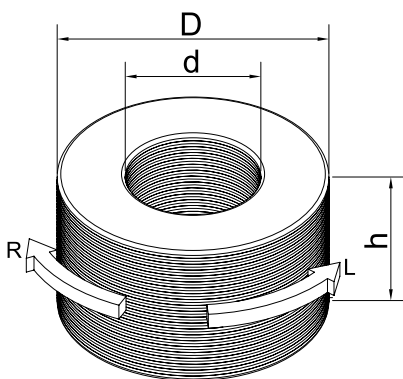
ROL.WC-GR-B500C


	KG / COIL	
ø 8	2.500	
ø 10	2.500	
ø 12	2.500	
ø 14	2.500	
ø 16	2.500	3.000

Other combinations on demand.
Only produced by Van Merksteijn.

Target dimensions

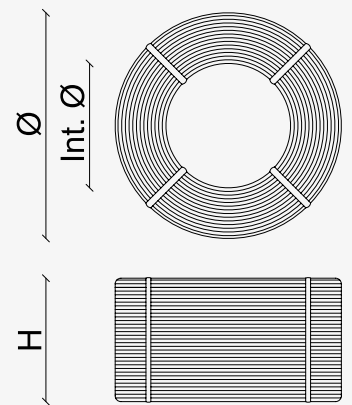
	2.500 KG	3.000 KG	4.000 KG	5.000 KG
Int. ø	600	600	600	600
H (mm)	700	700	960	960
ø (mm)	1.100	1.150	1.200	1.250



Unwinding to the left and the right are both possible.

Grade B500C (Ribbed)

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re	Total elongation at max force Agt %
Minimum characteristic value Cv	500	1,15 - 1,35	7,5 7 voor diameters ≤ 12



Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Smooth/soft B235C

ROL.WA-GL-B235C



	KG / COIL	
ø 5.5	1.600	
ø 6	1.600	
ø 8	1.600	
ø 10	1.600	
ø 12	1.600	
ø 14	1.600	
ø 16		2.000

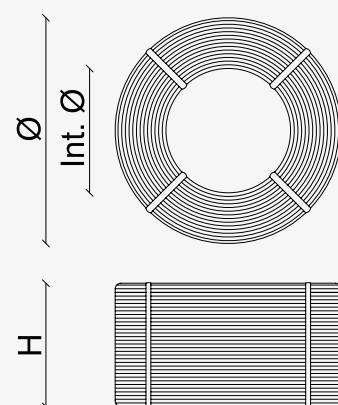
Other combinations on demand.

Target dimensions

	1.600 KG	2.000 KG	2.500 KG	3.000 KG	4.000 KG	5.000 KG
Int. ø	600	600	600	600	600	600
H (mm)	700	700	700	700	980	980
ø (mm)	1.000	1.100	1.200	1.200	1.200	1.300

Grade B235C according to NF A35-015 (Smooth/soft)

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re	Total elongation at max force Agt %
Minimum characteristic value Cv	235	1,15	10



Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Chapter 2

1. Coils	3
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7. Engine building	66
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Cold drawn bars

ST.WA-GR-B500A



	Execution	Bars cut to length		KG/M
	Ribbed	Min. Length (m)	Max. Length (m)	
ø 5	x	0,1	14	0,154
ø 6*	x	0,1	14	0,222
ø 7	x	0,1	14	0,302
ø 8*	x	0,1	14	0,395
ø 9	x	0,1	14	0,499
ø 10*	x	0,1	14	0,617
ø 11	x	0,1	14	0,746
ø 12*	x	0,1	14	0,888
ø 13	x	0,2	14	1,042
ø 14	x	0,2	14	1,208
ø 16	x	0,5	14	1,578

*Only the ribbed wire marked with asterisk is certified for Germany.

Grade B500A - DE500BS

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re		Total elongation at max force Agt %	
		5 ≤ d ≤ 5.5	d ≥ 6	5 ≤ d ≤ 5.5	d ≥ 6
Minimum characteristic value Cv	500	1,03	1,05	2,0	3,0

Certificates Intersig nv



Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Cold drawn bars

ST.WA-GL-B500A / ST.WA-GLZ



	Execution		Bars cut to length		KG/M
	Smooth B500A	Smooth/soft	Min. Length (m)	Max. Length (m)	
ø 4**	x		0,1	14	0,099
ø 5	x*		0,1	14	0,154
ø 5.5		x	0,1	14	0,187
ø 6	x*	x	0,1	14	0,222
ø 7	x*	x	0,1	14	0,302
ø 8	x*	x	0,1	14	0,395
ø 10	x*	x	0,1	14	0,617
ø 11		x	0,1	14	0,746
ø 12		x	0,1	14	0,888
ø 13		x	0,2	14	1,042
ø 14		x	0,2	14	1,208
ø 16		x	0,5	14	1,578
ø 17.5		x	0,5	14	1,824

* Only the smooth wire marked with asterisk is certified for Germany.

** Diameters < ø5 are quality B500 instead of B500A.

Other diameters on demand.

Grade B500A

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re		Total elongation at max force Agt %	
		5 ≤ d ≤ 5.5	d ≥ 6	5 ≤ d ≤ 5.5	d ≥ 6
Minimum characteristic value Cv	500	1,03	1,05	2,0	3,0

Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Hot rolled bars B500B

HWL.GR-B500B



	Pieces/Bundle			KG/M
	6 m 1500 kg/Bundle	12 m 2500 kg/Bundle	14 m 2500 kg/Bundle	
ø 8	+/- 630	+/- 530	+/- 450	0,395
ø 10	+/- 400	+/- 340	+/- 290	0,617
ø 12	+/- 280	+/- 235	+/- 200	0,888
ø 14	+/- 207	+/- 172	+/- 147	1,208
ø 16	+/- 160	+/- 132	+/- 115	1,578
ø 20	+/- 100	+/- 83	+/- 72	2,466
ø 25	+/- 65	+/- 54	+/- 46	3,853
ø 32		+/- 32	+/- 28	6,313
ø 40		+/- 21	+/- 18	9,865

Dimensions



Grade B500B - BE500TS

Mechanical characteristics	Yield Strength Re (Mpa)	Stress ratio Rm / Re	Total elongation at max force Agt %
Minimum characteristic value Cv	500	1,08	5,5

Certificates Intersig nv



Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv



For the up to date scope on
our certificates, we would like
to refer you to our website.

Chapter 3

1. Coils	3
2. Bars	12
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Standard mesh Belgium	
Standard mesh Netherlands	
Standard mesh France	
Standard mesh Germany	
Standard mesh Great Britain	
Standard mesh Sweden	
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4. Lattice girders	38
5. Spacers	52
6. Brickwork reinforcement	61
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Standard mesh Belgium

NSBE


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle	Extra per type €/T
PS 130 A	5	3000 x 2000	150 - 150	12,63	50	632	300
PS 196 A	5	3000 x 2000	100 - 100	18,48	50	924	310
PS 188 A	6	3000 x 2000	150 - 150	18,20	50	910	230
PS 335 A	8	3000 x 2000	150 - 150	32,39	40	1296	215
P 130 A	5	5000 x 2000	150 - 150	20,17	50	1009	290
P 188 A	6	5000 x 2000	150 - 150	29,08	50	1454	220
P 335 A	8	5000 x 2000	150 - 150	51,75	30	1553	205
P 524 A	10	5000 x 2000	150 - 150	80,83	20	1617	205
B 188 A	6	5950 x 2350	150 - 150	38,32	40	1533	220
B 335 A	8	5950 x 2350	150 - 150	64,90	20	1298	205
B 503 A	8	6000 x 2400	100 - 100	100,49	10	1005	215
B 524 A	10	5950 x 2350	150 - 150	101,37	10	1014	205
B 785 A	10	6000 x 2400	100 - 100	156,97	10	1570	215
B 754 A	12	5950 x 2350	150 - 150	138,53	10	1385	205
B 1131 A	12	6000 x 2400	100 - 100	210,99	5	1055	215

Rebar type

- Long rods
- Cross Rods

Grade DE500BS - B500A (Ribbed)

Grade DE500BS - B500A (Ribbed)

Certificates Intersig nv

Certificates Intersig France sarl
Certificates Van Merksteijn Steel bv

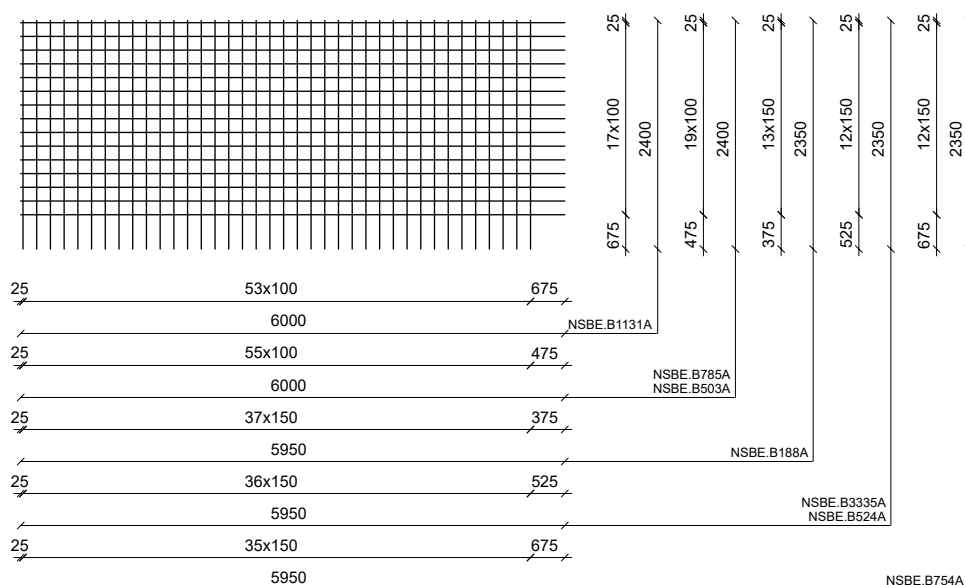
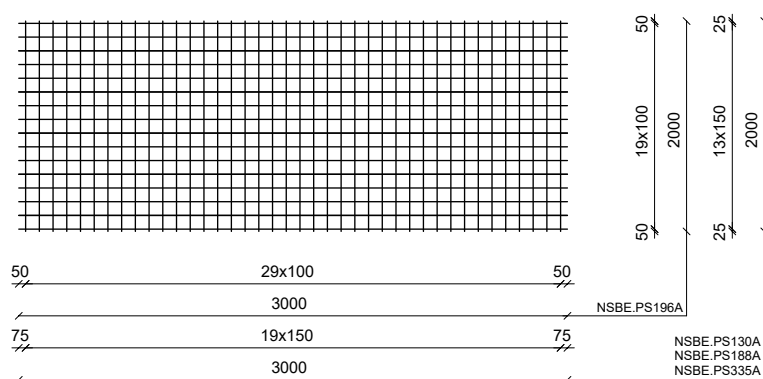

For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Belgium

NSBE



Dimensions



Certificates Intersig nv

BENOR

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

BENOR



TSLG



For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Belgium

NSBE

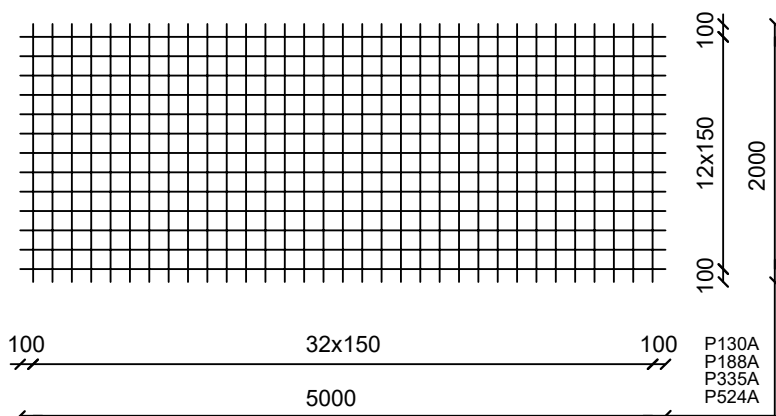
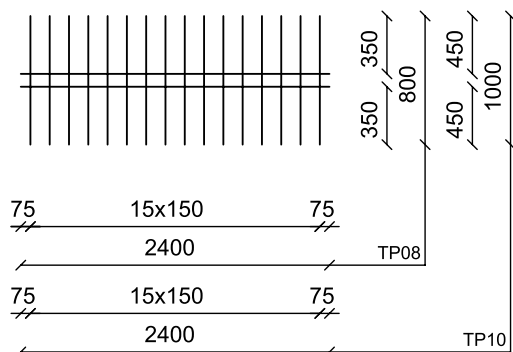


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
TP-08	5 - 8	2400 x 800	150 - 100	5,79	70	406
TP-10	6 - 10	2400 x 1000	150 - 100	10,94	60	656

Rebar type

- Long rods Grade B500A - DE500BS (Ribbed)
- Cross Rods Grade B500A - DE500BS (Ribbed)

Dimensions



Certificates Intersig nv



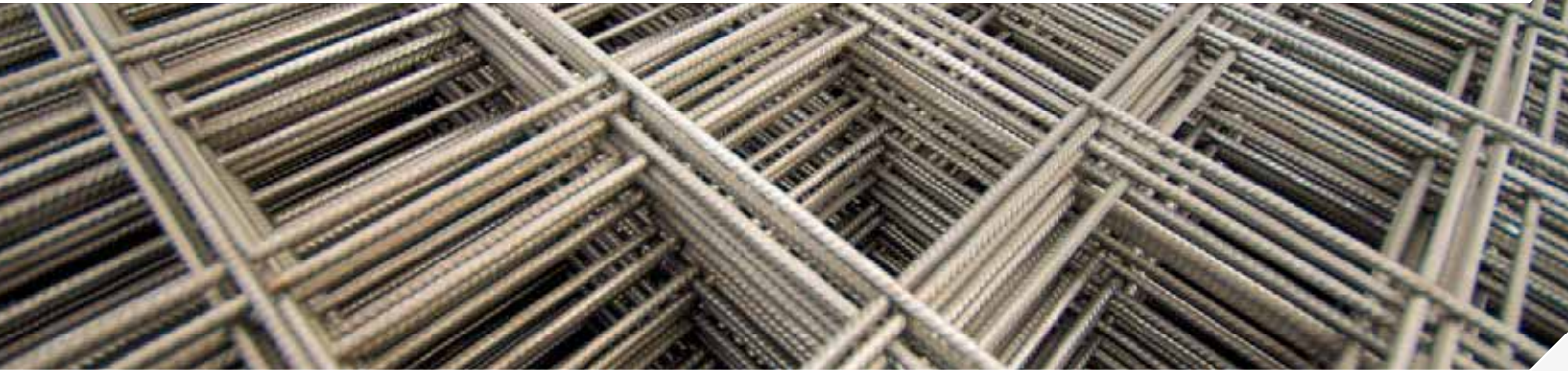
Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Netherlands

NSNL


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle	Extra per type €/T
PS 130 A	5	3000 x 2000	150 - 150	12,63	50	632	300
PS 196 A	5	3000 x 2000	100 - 100	18,48	50	924	310
PS 188 A	6	3000 x 2000	150 - 150	18,20	50	910	230
PS 335 A	8	3000 x 2000	150 - 150	32,39	40	1.296	215
P 130 A	5	5000 x 2000	150 - 150	20,17	50	1.009	290
P 188 A	6	5000 x 2000	150 - 150	29,08	50	1.454	220
P 335 A	8	5000 x 2000	150 - 150	51,75	30	1.553	205
P 524 A	10	5000 x 2000	150 - 150	80,83	20	1.617	205
BEC 188 A	6	5950 x 2350	150 - 150	36,48	40	1.459	220
BEC 257 A	7	5960 x 2360	150 - 150	49,77	30	1.493	210
BEC 335 A	8	4450 x 2350	150 - 150	45,23	30	1.357	205
BEC 503 A	8	3500 x 2200	100 - 100	49,57	30	1.487	215
BEC 424 A	9	6000 x 2400	150 - 150	79,04	20	1.581	205
BEC 524 A	10	5900 x 2300	150 - 150	89,71	15	1.346	205
BEC 785 A	10	6000 x 2400	100 - 100	141,42	10	1.414	215

Rebar type

- Long rods
 - Cross Rods
- Grade B500A (Ribbed)
Grade B500A (Ribbed)

Certificates Intersig nv



Certificates Intersig France sarl

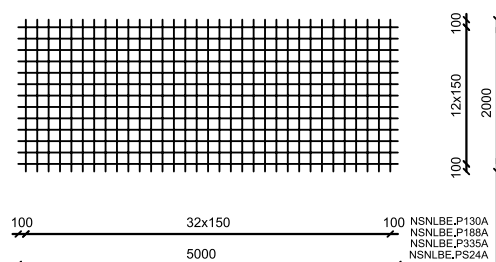
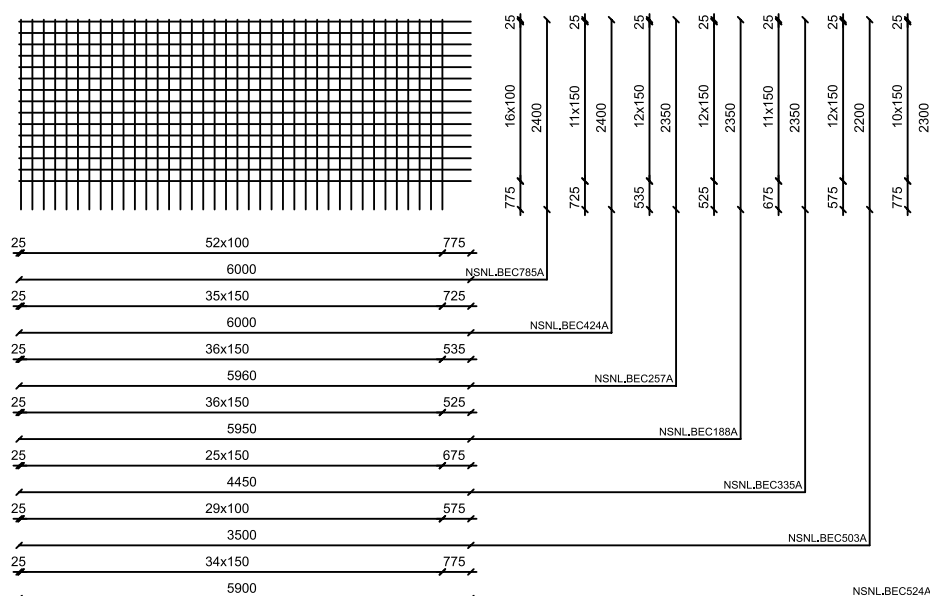
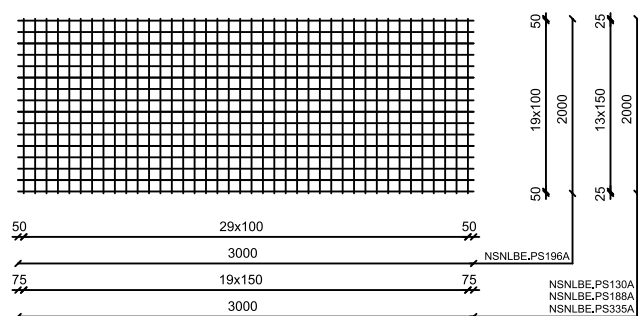
Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.



Dimensions



Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh France B500A

NSFR


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
CAF P*	4,5 - 4,5	3600 x 2400	200 - 200	10,713	100	1.080
RAF P*	4,5 - 4,5	3600 x 2400	200 - 300	9,000	100	900
VAF P*	4,5 - 4,5	3200 x 2400	200 - 160	9,600	100	960
FAP 10	5,5 - 5,5	4200 x 2400	200 - 200	18,849	70	1.319
TS 15 C	6 - 6	4000 x 2400	200 - 200	21,312	70	1.491
TS 20	6 - 7	6000 x 2400	150 - 300	35,808	40	1.432
TS 25	7 - 7	6000 x 2400	150 - 300	43,488	40	1.739
TS 25 C	7 - 7	6000 x 2400	150 - 150	57,984	30	1.739
TS 25 CS	7 - 7	3000 x 2400	150 - 150	28,992	40	1.159
TS 35	7 - 7	6000 x 2400	100 - 300	57,984	30	1.739
TS 40 C	7 - 7	6000 x 2400	100 - 100	86,980	20	1.739
TS 50	8 - 8	6000 x 2400	100 - 300	75,840	20	1.516
TS 50 C	8 - 8	6000 x 2400	100 - 100	113,760	15	1.706
TS 60	9 - 9	6000 x 2400	100 - 250	100,598	16	1.610
TS 65 C	9 - 9	6000 x 2400	100 - 100	143,712	10	1.437

* The mesh with an asterisk only have Afcab-certification.

Rebar type

- Long rods Grade B500A - DE500BS (Ribbed)
- Cross Rods Grade B500A - DE500BS (Ribbed)

Type	L1	AL x M	L2	B1	AB x M	B2
FAP 10	100	20 x 200	100	100	11 x 200	100
TS 15 C	100	19 x 200	100	100	11 x 200	100
TS 20	150	19 x 300	150	75	15 x 150	75
TS 25	150	19 x 300	150	75	15 x 150	75
TS 25 C	75	39 x 150	75	75	15 x 150	75
TS 25 CS	75	19 x 150	75	75	15 x 150	75
TS 35	150	19 x 300	150	50	23 x 100	50
TS 40 C	50	59 x 100	50	50	23 x 100	50
TS 50	150	19 x 300	150	50	23 x 100	50
TS 50 C	50	59 x 100	50	50	23 x 100	50
TS 60	100	23 x 250	100	50	23 x 100	50
TS 65 C	50	59 x 100	50	50	23 x 100	50

Certificates Intersig nv



Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv



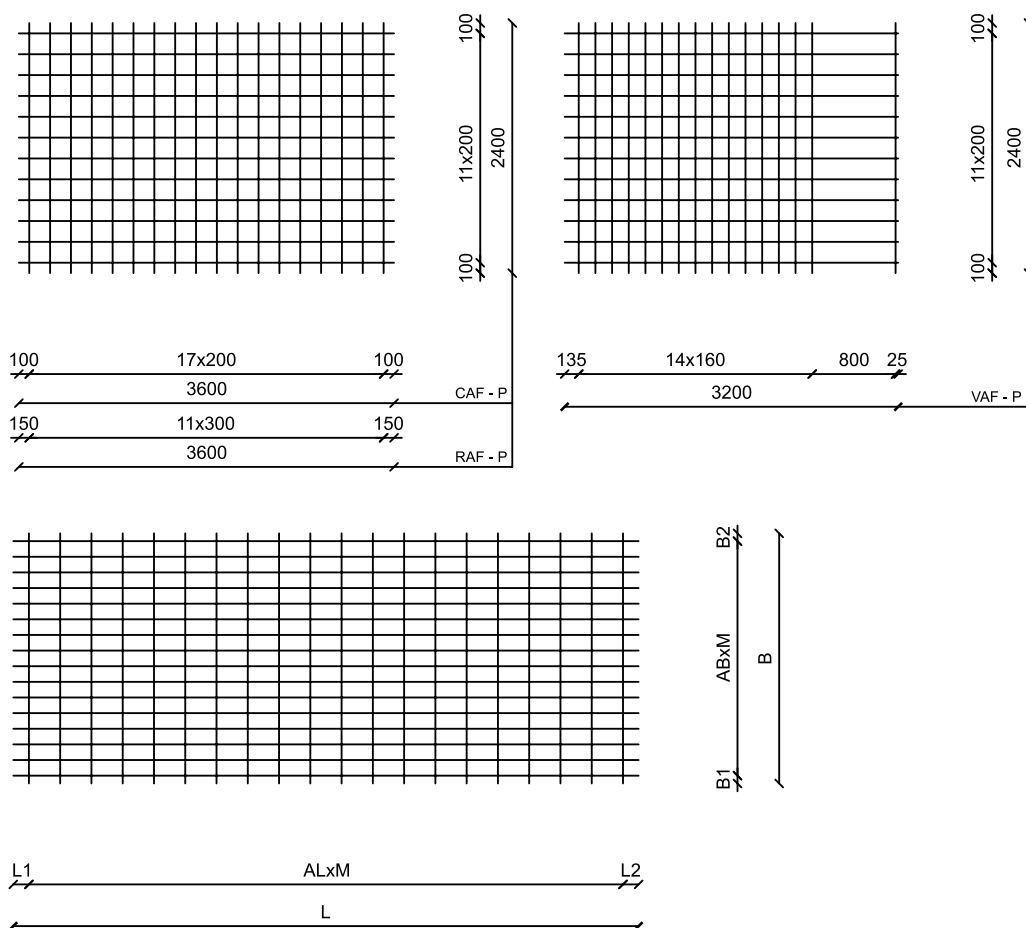
For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh France B500A

NSFR



Dimensions



Certificates Intersig nv



Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh France B500B

NSFR.WB


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
TS 25 C	7 - 7	6000 x 2400	150 - 150	57,984	30	1.739
TS 35	7 - 7	6000 x 2400	100 - 300	57,984	30	1.739
TS 40 C	7 - 7	6000 x 2400	100 - 100	86,980	20	1.739
TS 50	8 - 8	6000 x 2400	100 - 300	75,840	20	1.516
TS 50 C	8 - 8	6000 x 2400	100 - 100	113,760	15	1.706
TS 60	9 - 9	6000 x 2400	100 - 250	100,598	16	1.610

Rebar type

- Long rods Grade B500B - BE500TS (Ribbed)
- Cross Rods Grade B500B - BE500TS (Ribbed)

Type	L1	AL x M	L2	B1	AB x M	B2
TS 25 C	75	39 x 150	75	75	15 x 150	75
TS 35	150	19 x 300	150	50	23 x 100	50
TS 40 C	50	59 x 100	50	50	23 x 100	50
TS 50	150	19 x 300	150	50	23 x 100	50
TS 50 C	50	59 x 100	50	50	23 x 100	50
TS 60	100	23 x 250	100	50	23 x 100	50

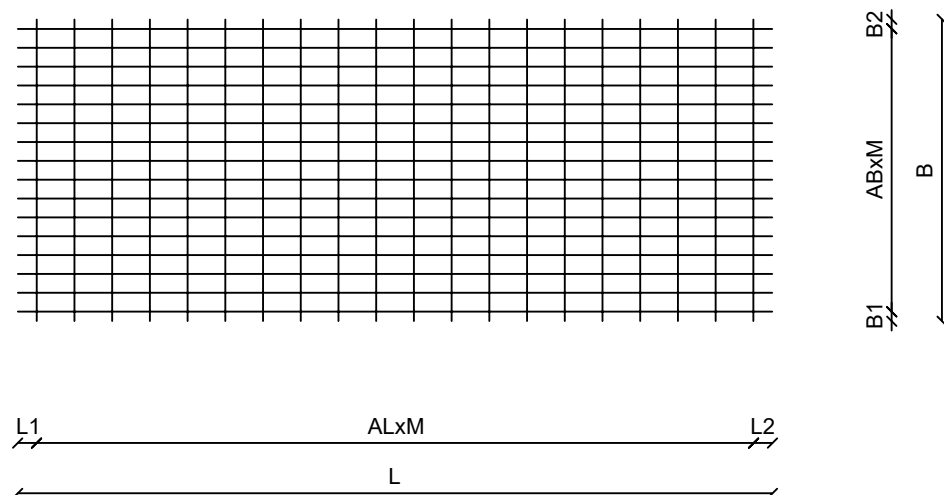
Certificates Intersig nv
Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on
our certificates, we would like
to refer you to our website.



Dimensions



Certificates Intersig nv

Certificates Intersig France sarl



Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Germany

NSDE


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
DE Q 188 A	6 - 6	6000 x 2300	150 - 150	41,74	50	2.087
DE Q 257 A	7 - 7	6000 x 2300	150 - 150	56,78	40	2.271
DE Q 335 A	8 - 8	6000 x 2300	150 - 150	74,26	30	2.228
DE Q 424 A	9 - 9	6000 x 2300	150 - 150	84,36	30	2.531
DE Q 524 A	10 - 10	6000 x 2300	150 - 150	100,88	20	2.018
DE Q 636 A	9 - 10	6000 x 2350	100 - 125	132,00	20	2.640
DE R 188 A	6 - 6	6000 x 2300	150 - 250	33,57	50	1.679
DE R 257 A	7 - 6	6000 x 2300	150 - 250	41,25	50	2.063
DE R 335 A	8 - 6	6000 x 2300	150 - 250	50,17	40	2.007
DE R 424 A	9 - 8	6000 x 2300	150 - 250	67,21	30	2.016
DE R 524 A	10 - 8	6000 x 2300	150 - 250	75,70	30	2.271
Q 131 A	5 - 5	5000 x 2150	150 - 150	22,50	50	1.125
Q 188 A	6 - 6	5000 x 2150	150 - 150	32,40	50	1.620

Rebar type

- Long rods
- Cross Rods

Grade B500A - DE500BS (Ribbed)
Grade B500A - DE500BS (Ribbed)

Certificates Intersig nv



Certificates Intersig France sarl

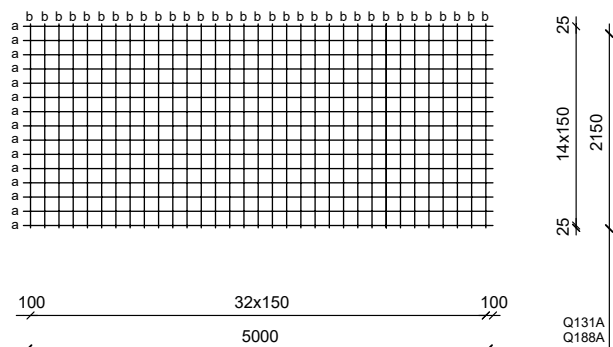
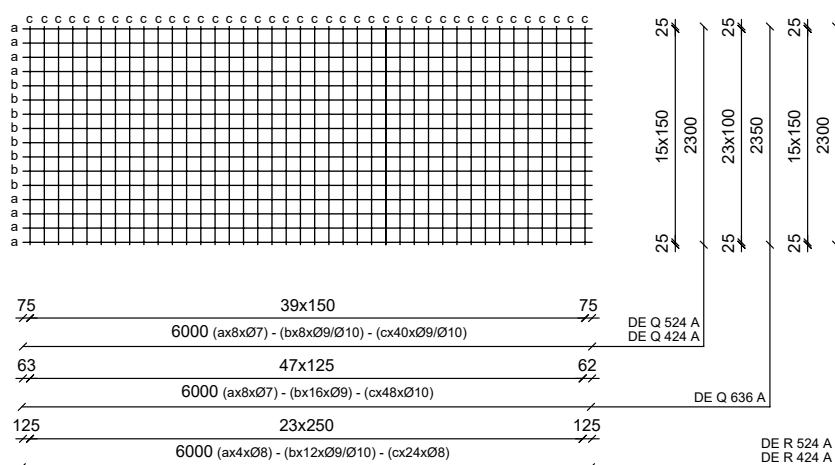
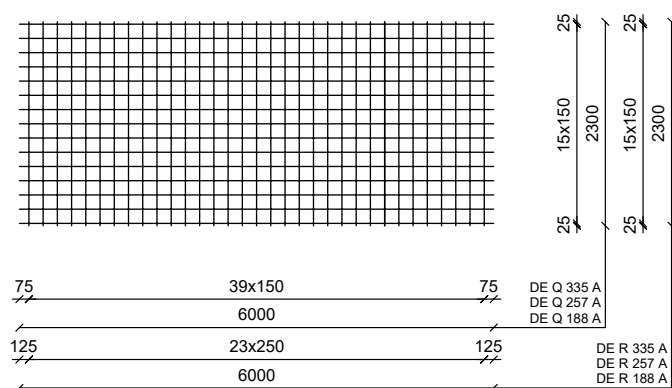
Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.



Dimensions



Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



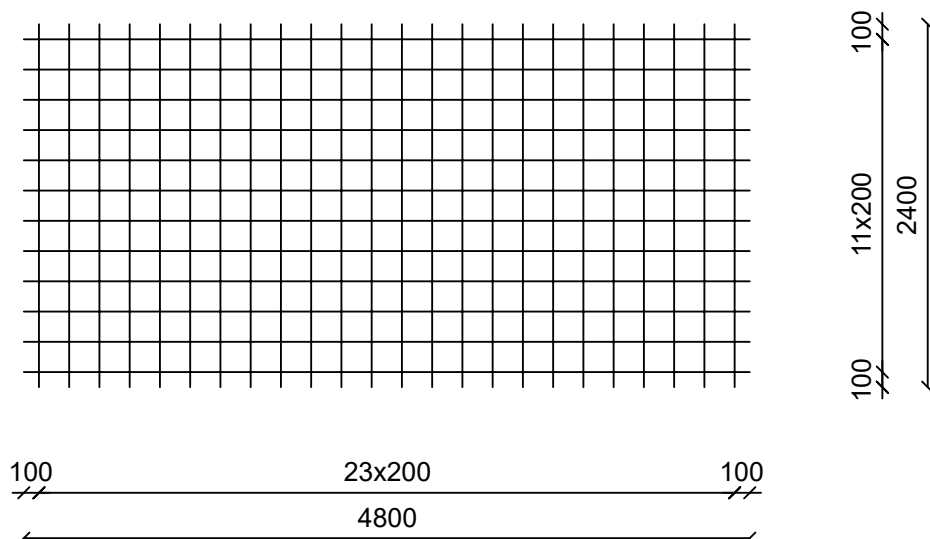
For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Great Britain

NSUK


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
A 142	6 - 6	4800 x 2400	200 - 200	25,574	46	1.176
A 193	7 - 7	4800 x 2400	200 - 200	37,790	34	1.182
A 252	8 - 8	4800 x 2400	200 - 200	45,504	28	1.274
A 393	10 - 10	4800 x 2400	200 - 200	70,960	18	1.277

Dimensions



Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



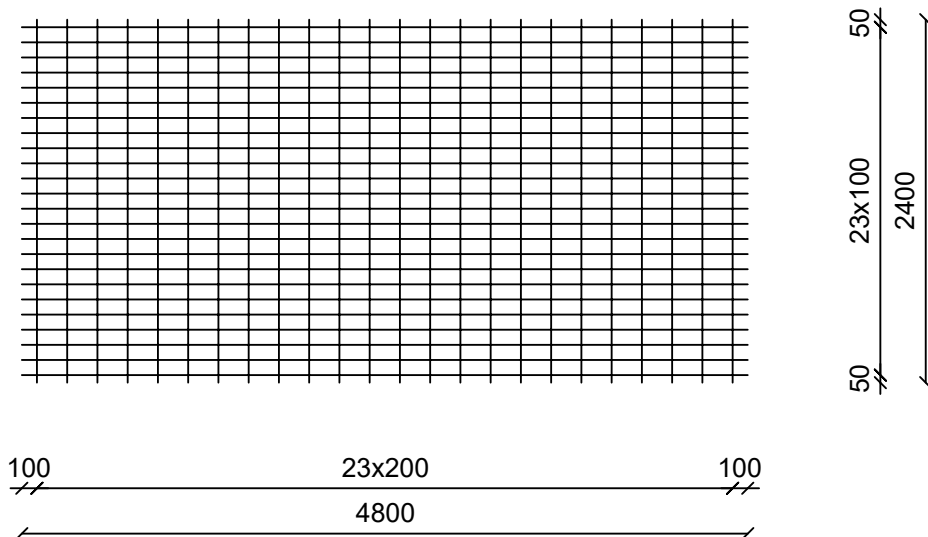
For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Great Britain

NSUK


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
B 283	6 - 7	4800 x 2400	100 - 200	42,970	30	1.289
B 385	7 - 7	4800 x 2400	100 - 200	52,190	24	1.253
B 503	8 - 8	4800 x 2400	100 - 200	68,306	18	1.230
B 785	10 - 8	4800 x 2400	100 - 200	93,571	14	1.310
B 1131	12 - 8	4800 x 2400	100 - 200	125,575	10	1.256

Dimensions


Certificates Intersig nv
Certificates Intersig France sarl
Certificates Van Merksteijn Steel bv

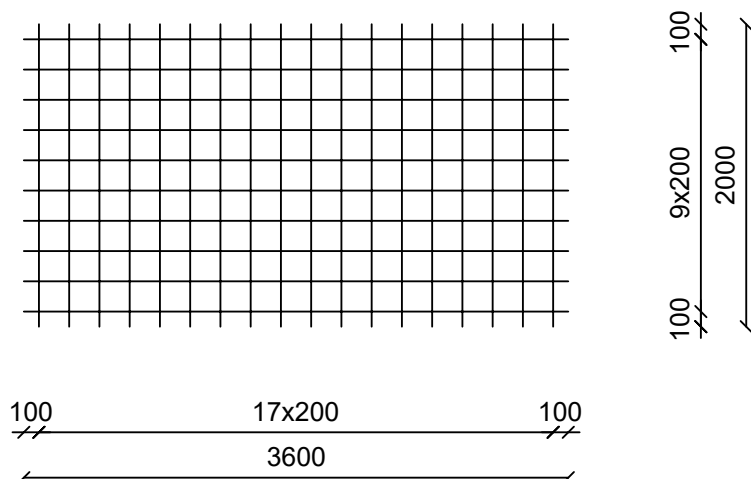

For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Great Britain

NSUK


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
A 142 M	6 - 6	3600 x 2000	200 - 200	15,980	50	799
A 193 M	7 - 7	3600 x 2000	200 - 200	21,740	34	739
A 252 M	8 - 8	3600 x 2000	200 - 200	28,440	28	796
A 393 M	10 - 10	3600 x 2000	200 - 200	44,350	18	798

Dimensions



Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



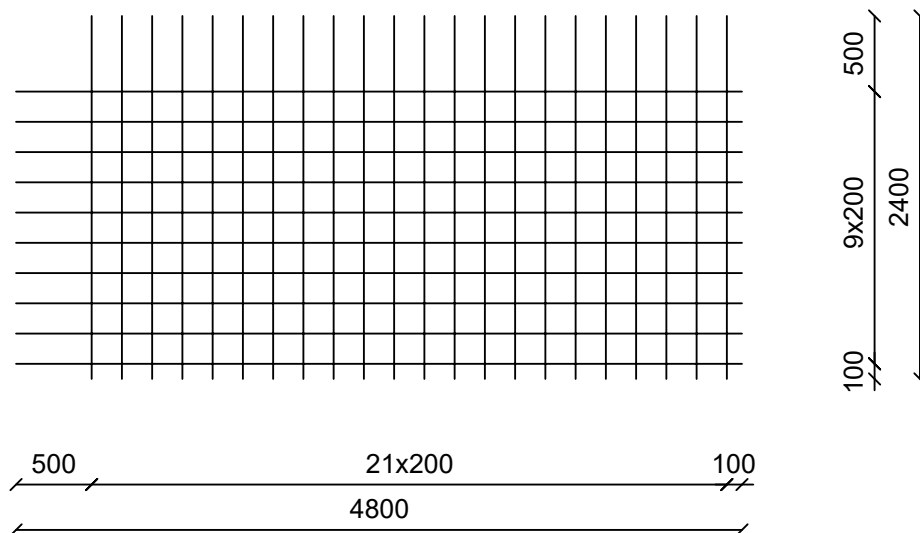
For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Great Britain

NSUK


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
A 142 FE	6 - 6	4800 x 2400	200 - 200	22,377	49	1.096
A 193 FE	7 - 7	4800 x 2400	200 - 200	30,441	34	1.035
A 252 FE	8 - 8	4800 x 2400	200 - 200	39,816	28	1.115
A 393 FE	10 - 10	4800 x 2400	200 - 200	62,193	18	1.119

Dimensions


Certificates Intersig nv
Certificates Intersig France sarl
Certificates Van Merksteijn Steel bv

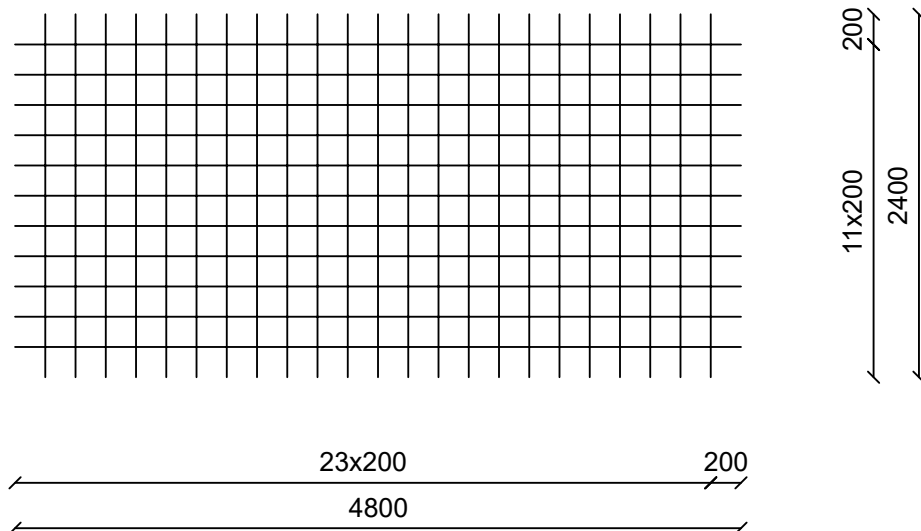

For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Great Britain

NSUK

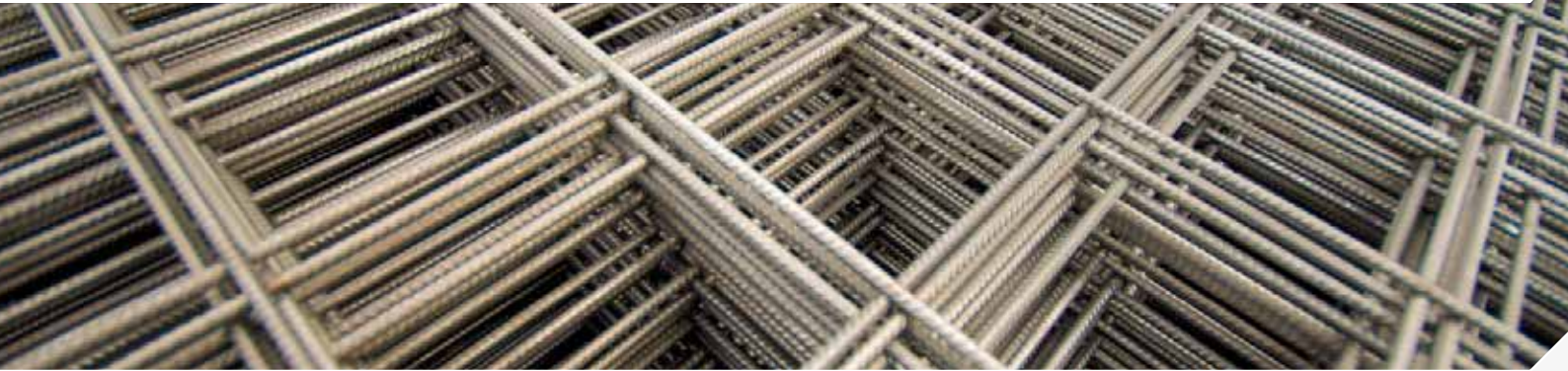

Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
A 142 EC	6 - 6	4800 x 2400	200 - 200	23,976	46	1.103
A 193 EC	7 - 7	4800 x 2400	200 - 200	32,616	34	1.209
A 252 EC	8 - 8	4800 x 2400	200 - 200	42,660	28	1.195
A 393 EC	10 - 10	4800 x 2400	200 - 200	66,636	18	1.199

Dimensions


Certificates Intersig nv
Certificates Intersig France sarl
Certificates Van Merksteijn Steel bv


For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Sweden

NSSE


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
SE 5100 F	5 - 5	5850 x 2350	100 - 100	39,185	50	1.960
SE 5150-5	5 - 5	5000 x 2300	150 - 150	24,362	50	1.220
SE 5200-4.85	5 - 5	4850 x 2250	200 - 200	17,625	50	880
SE 6100 F	6 - 6	5900 x 2400	100 - 100	57,342	30	1.719
SE 6150 F	6 - 6	5900 x 2300	150 - 150	35,920	50	1.796
SE 6150-5	6 - 6	5000 x 2300	150 - 150	35,120	50	1.755
SE 6200-4.85	6 - 6	4850 x 2250	200 - 200	25,407	50	1.270
SE 7100 F	7 - 7	5850 x 2350	100 - 100	74,367	20	1.487
SE 7150 F	7 - 7	5900 x 2300	150 - 150	48,864	30	1.466
SE 7150-5.90	7 - 7	5900 x 2300	150 - 150	56,292	20	1.126
SE 8100 F	8 - 8	5900 x 2400	100 - 100	98,750	20	1.975
SE 8150 F	8 - 8	5950 x 2350	150 - 150	65,899	30	1.947
SE 8150-5	8 - 8	5000 x 2350	150 - 150	63,160	20	1.263
SE 8150-5.90	8 - 8	5900 x 2300	150 - 150	73,628	20	1.473
SE 9100 F	9 - 9	5850 x 2350	100 - 100	118,786	20	2.376
SE 9150 F	9 - 9	5850 x 2400	150 - 150	81,063	20	1.621
SE 9150-5.90	9 - 9	5900 x 2300	150 - 150	93,013	10	930
SE 9300 F	9 - 9	3950 x 2400	300 - 300	28,942	20	578
SE 10100 F	10 - 10	5900 x 2400	100 - 100	149,128	10	1.491
SE 10150 F	10 - 10	5900 x 2300	150 - 150	94,771	10	948
SE 10150-5.90	10 - 10	5900 x 2300	150 - 150	115,008	10	1.150
SE 12100 F*	12 - 12	5850 x 2350	100 - 100	196,825	10	1.968
SE 12150 F*	12 - 12	5850 x 2400	150 - 150	136,930	10	1.369

* The mesh with an asterisk are produced out of quality B500B.

Rebar type

- Long rods Grade B500A - DE500BS (Ribbed)
- Cross Rods Grade B500A - DE500BS (Ribbed)

Certificates Intersig nv

Certificates Intersig France sarl

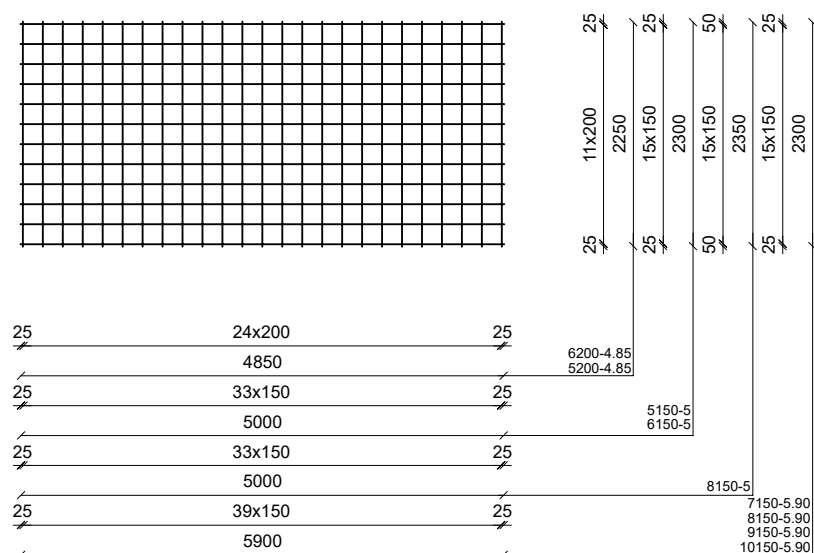
Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.



Dimensions



Certificates Intersig nv

Certificates Intersig France sarl

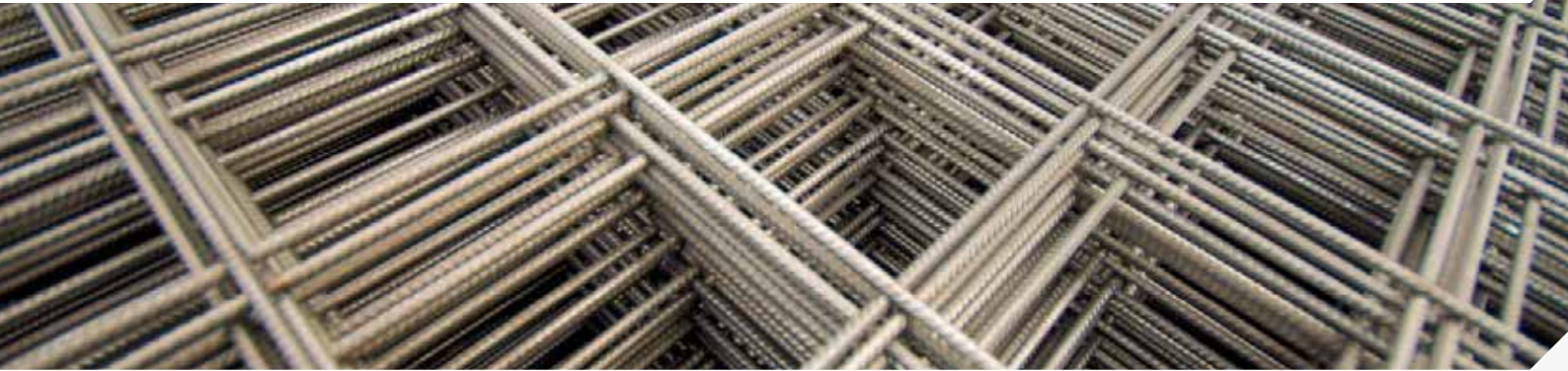
Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Sweden

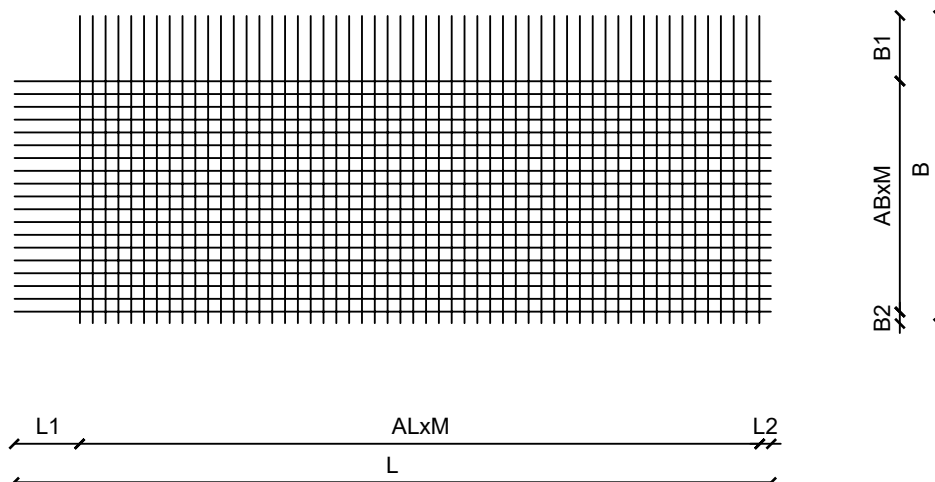
NSSE



Type	L1	AL x M	L2	B1	AB x M	B2
SE 5100 F	260	55 x 100	90	260	20 x 100	90
SE 6100 F	320	55 x 100	90	310	20 x 100	90
SE 6150 F	475	36 x 150	25	475	12 x 150	25
SE 7100 F	360	54 x 100	90	360	19 x 100	90
SE 7150 F	475	36 x 150	25	475	12 x 150	25
SE 8100 F	410	54 x 100	90	410	19 x 100	90
SE 8150 F	500	36 x 150	50	500	12 x 150	50
SE 9100 F	460	53 x 100	90	460	18 x 100	90
SE 9150 F	550	35 x 150	50	550	12 x 150	50
SE 9300 F	660	10 x 300	290	150	7 x 300	150
SE 10100 F	510	53 x 100	90	510	18 x 100	90
SE 10150 F	600	35 x 150	50	600	11 x 150	50
SE 12100 F*	700	51 x 100	50	700	16 x 100	50
SE 12150 F*	700	34 x 150	50	700	11 x 150	50

* The mesh with an asterisk are produced out of quality B500B.

Dimensions



Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Standard mesh Norway

NSNO


Type	Ø mm	Dimensions L x B (mm)	Centers (mm)	Weight kg/Piece	Pieces/ Bundle	Weight kg/Bundle
K 131	5 - 5	5000 x 2000	150 - 150	20,944	50	1.048
K 131 S	5 - 5	2350 x 1200	150 - 150	5,852	50	293
K 189	6 - 6	5000 x 2000	150 - 150	30,192	40	1.208
K 257	7 - 7	5000 x 2000	150 - 150	41,072	30	1.232
K 335	8 - 8	5000 x 2000	150 - 150	53,720	20	1.074
K 402	8 - 8	5000 x 2000	125 - 125	63,200	20	1.263
K 503	8 - 8	5000 x 2000	100 - 100	79,000	15	1.184

Rebar type

- Long rods Grade B500A - DE500BS (Ribbed)
- Cross Rods Grade B500A - DE500BS (Ribbed)

Certificates Intersig nv



Certificates Intersig France sarl

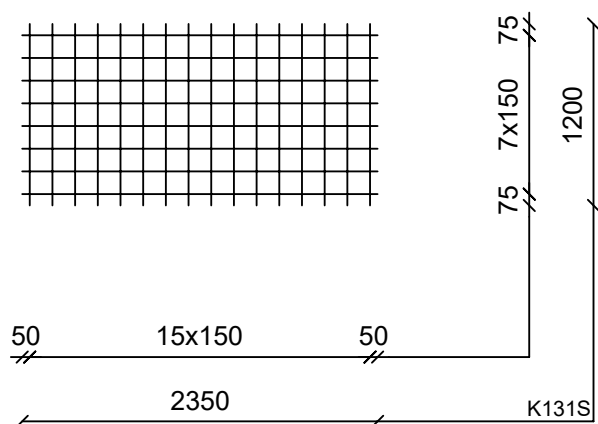
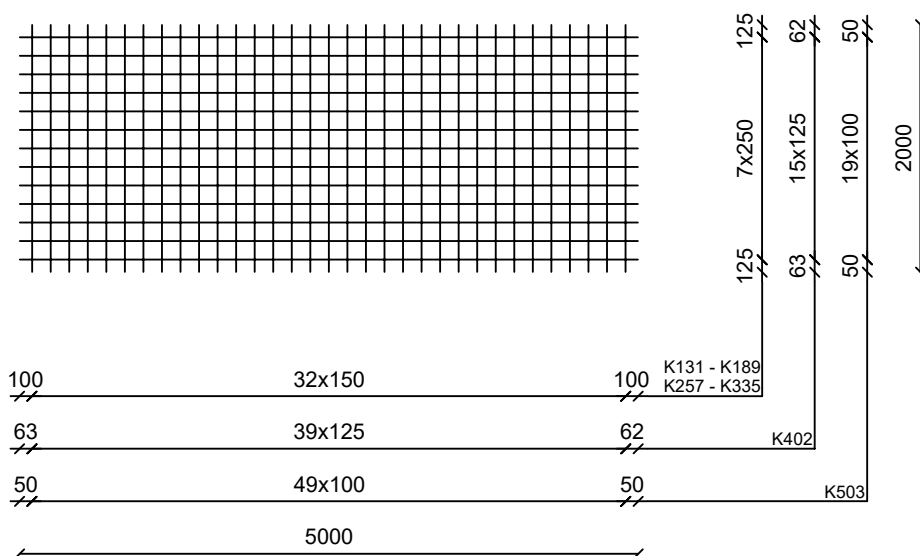
Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.



Dimensions



Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.

Chapter 4

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For prefab slabs & double walls

CKT



Height (mm)	Length (m)	*7GR-4.5-5	8GL-5-5	8GL-6-6	10GL-6-6	12GR-6-6
		Pieces/ Bundle	Pieces/ Bundle	Pieces/ Bundle	Pieces/ Bundle	Pieces/ Bundle
50	14	50				
60	14	50				
70	14	100	100	100	50	50
80	14	100	100	100	50	50
90	14	100	100	100	50	50
100	14	100	100	100	50	50
110	14	100	100	100	50	50
120	14	100	100	100	50	50
130	14	100	100	100	50	50
140	14	100	100	100	50	50
150	14	100	100	100	50	50
160	14	100	100	100	50	50
170	14	100	100	100	50	50
180	14	50	50	50	50	50
190	14	50	50	50	50	50
200	14	50	50	50	50	50
210	14		50	50	50	50
220	14		50	50	50	50
230	14		50	50	50	50
240	14		50	50	50	50
250	14		50	50	50	50
260	14		50	50	50	50
270	14		50	50	50	50
280	14		50	50	50	50
290	14		50	50	50	50
300	14		50	50	50	50
310	14				25	
320	14				25	
330	14				25	
340	14				25	

*Lattice girders marked with an asterisk are not certified for Germany.

On demand: special types with lengths between 2mts and 14mts, in steps of 10cms.

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

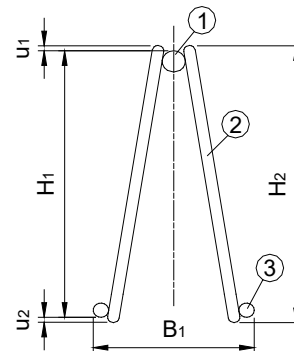


For the up to date scope on our certificates, we would like to refer you to our website.



Dimensions

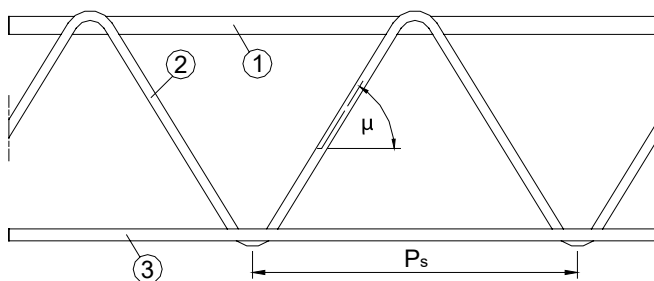
H1	50 - 400	Calculated height	mm
H2	H1 + 8	Total height	
B1	70 - 120	Total width	
1	5 - 16	Upper wire	
2	4 - 8	Diagonal wires	
3	4 - 16	Lower wires	
U1	4	Upper protrusion	
U2	4	Lower protrusion	
Ps	200	Step of the diagonals	



H1	50	60	70	80	90	100	110	120	130	140	150	160
μ	31°	34°	38°	42°	46°	49°	52°	55°	57°	59°	60°	62°

H1	170	180	190	200	210	220	230	240	250	260	270	280
μ	63°	65°	66°	68°	69°	69°	70°	70°	71°	72°	72°	73°

H1	290	300	310	320	330	340	350	360	370	380	390	400
μ	73°	74°	74°	74°	75°	75°	76°	76°	76°	77°	77°	78°



Rebar type

- Upper wire
Grade B500A-DE500BS (Ribbed or Smooth)
- Diagonal wires
Grade B500B-BE500TS (Ribbed)
- Lower wires
Grade Smooth
Grade B500A-DE500BS (Ribbed)
Grade B500B-BE500TS (Ribbed)

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv



For the up to date scope on our certificates, we would like to refer you to our website.



Height (mm)	Possibilities		
	Upper wire ø's	Diagonal ø's	Lower wire ø's
70	5 -> 12	4 -> 6	5 -> 12
80	5 -> 12	4 -> 6	5 -> 12
90	5 -> 12	4 -> 6	5 -> 12
100	5 -> 12	4 -> 6	5 -> 12
110	5 -> 12	4 -> 6	5 -> 12
120	5 -> 12	4 -> 6	5 -> 12
130	5 -> 12	4 -> 7	5 -> 12
140	5 -> 12	4 -> 7	5 -> 12
150	5 -> 12	4,5 -> 7	5 -> 12
160	5 -> 12	4,5 -> 7	5 -> 12
170	5 -> 12	4,5 -> 7	5 -> 12
180	5 -> 12	4,5 -> 7	5 -> 12
190	5 -> 12	4,5 -> 7	5 -> 12
200	5 -> 12	4,5 -> 7	5 -> 12
210	5 -> 12	4,5 -> 7	5 -> 12
220	5 -> 12	4,5 -> 7	5 -> 12
230	5 -> 12	4,5 -> 7	5 -> 12
240	5 -> 12	4,5 -> 7	5 -> 12
250	5 -> 12	4,5 -> 7	5 -> 12
260	5 -> 12	5 -> 7	5 -> 12
270	5 -> 12	5 -> 7	5 -> 12
280	5 -> 12	5 -> 7	5 -> 12
290	5 -> 12	5 -> 7	5 -> 12
300	5 -> 12	5 -> 7	5 -> 12

All combinations on demand.

Length: minimum 1mt - maximum 6mts, in steps of 10cms.

Attention: ø of the upper wire and ø of the lower wire always need to be the same.

Certificates Intersig nv

Certificates Intersig France sarl

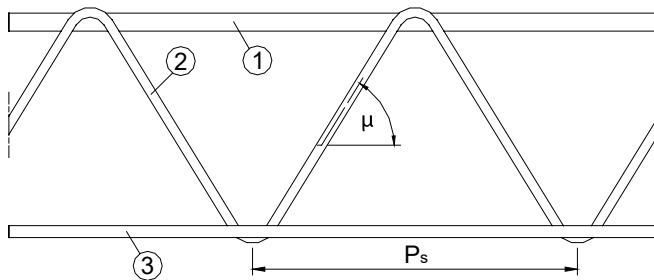
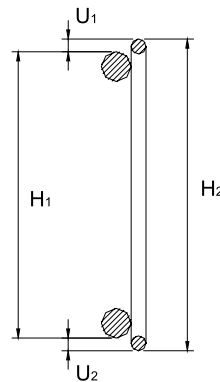
Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.



Dimensions

H1	70 - 300	Calculated height	mm
H2	H1 + 8	Total height	
1	5 - 12	Upper wire	
2	4 - 7	Diagonal wire	
3	5 - 12	Lower wire	
U1	4	Upper protrusion	
U2	4	Lower protrusion	
Ps	200	Step of the diagonal	
μ	According to table CKT		



Rebar type

- Upper wire
Grade B500A-DE500BS (Ribbed or Smooth)
Grade B500B-BE500TS (Ribbed)
- Diagonal wire
Grade Smooth
- Lower wire
Grade B500A-DE500BS (Ribbed or Smooth)
Grade B500B-BE500TS (Ribbed)

Applications

- Bubble Deck

Certificates Intersig nv

Certificates Intersig France sarl

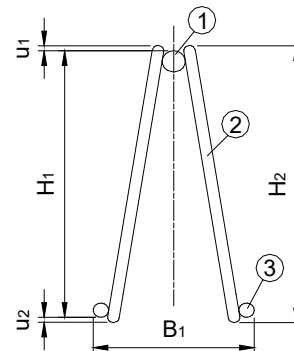
Certificates Van Merksteijn Steel bv

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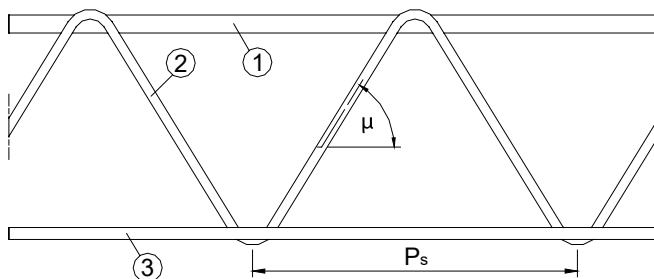


Dimensions

H1	90 - 140	Calculated height	mm
H2	H1 + 8	Total height	
B1	70 - 120	Total width	
1	12 - 16	Upper wire	
2	4 - 6	Diagonal wires	
3	4 - 8	Lower wires	
U1	4	Upper protrusion	
U2	4	Lower protrusion	
Ps	200	Step of the diagonals	
μ	According to table CKT		



Length: minimum 2mts - maximum 14mts, in steps of 10cms.



Rebar type

- Upper wire: Grade B500A-DE500BS (Ribbed)
- Diagonal wires: Grade B500B-BE500TS (Ribbed)
- Lower wires: Grade Smooth
- Lower wires: Grade B500A-DE500BS (Ribbed)

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

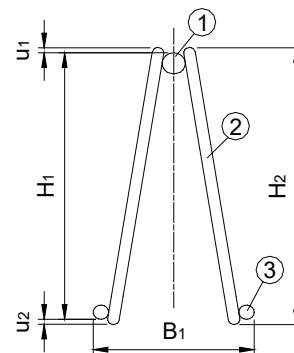


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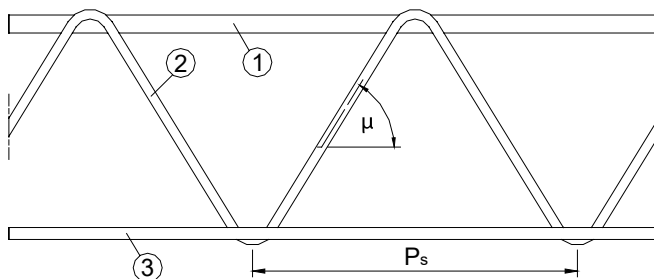


Dimensions

H1	50 - 400	Calculated height	mm
H2	H1 + 8	Total height	
B1	70 - 120	Total width	
1	6 - 12	Upper wire	
2	6 - 8	Diagonal wires	
3	6 - 12	Lower wires	
U1	4	Upper protrusion	
U2	4	Lower protrusion	
Ps	200	Step of the diagonals	
μ	According to table CKT		



Length: minimum 2mts - maximum 14mts, in steps of 10cms.



Rebar type

- Upper wire: Grade B500B (Indented)
- Diagonal wires: Grade B500B (Indented)
- Lower wires: Grade B500B (Indented)

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.



With stanchions

Type	Height (mm)*	ø (mm)	Width (mm)
CPL.Q.N-2d6	100	8GR-4-6	80
CPL.Q.N-2d8	100	8GR-4-8	80
CPL.Q.N-2d10	100	8GR-4-10	85
CPL.Q.N-2d12	100	8GR-4-12	85
CPL.Q.IR1-2d6	100	10GR-4,5-6	80
CPL.Q.IR1-2d8	100	10GR-4,5-8	80
CPL.Q.IR1-2d10	100	10GR-4,5-10	85
CPL.Q.IR1-2d12	100	10GR-4,5-12	85
CPL.Q.IR1-2d14	100	10GR-4,5-14	85
CPL.Q.IR2-2d6	100	12GR-5-6	80
CPL.Q.IR2-2d8	100	12GR-5-8	80
CPL.Q.IR2-2d10	100	12GR-5-10	85
CPL.Q.IR2-2d12	100	12GR-5-12	85
CPL.Q.IR2-2d14	100	12GR-5-14	85

* Height 120 is non-standard, but included in the Avis Technique.
Length: minimum 1,1mts - maximum 14mts, in steps of 10cms.

Without stanchions

Type	Height (mm)*	ø (mm)	Width (mm)
CPL.P.IR1-2d8	120	10GR-4,5-8	80
CPL.P.IR2-2d8	120	12GR-5-8	80
CPL.VS125.14-6-10	125	14GR-6-10	85
CPL.VS125.14-6-12	125	14GR-6-12	85
CPL.VS125.16-7-12	125	16GR-7-12	90
CPL.VS155.16-7-12	155	16GR-7-12	90
CPL.VS155.16-8-12	155	16GR-8-12	90

* Height 120 is non-standard, but included in the Avis Technique.
Length: minimum 1,1mts - maximum 14mts, in steps of 10cms.



Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.



Opti.CPL

Type	Height (mm)*	ø (mm)	Width (mm)
OPTI.CPL.N-2ø6	100	8GR-4-6	80
OPTI.CPL.N-2ø8	100	8GR-4-8	80
OPTI.CPL.N-2ø9	100	8GR-4-9	80
OPTI.CPL.N-2ø10	100	8GR-4-10	80
OPTI.CPL.IR1-2ø6	100	10GR-4,5-6	80
OPTI.CPL.IR1-2ø10	100	10GR-4,5-10	80
OPTI.CPL.IR1-2ø11	100	10GR-4,5-11	85
OPTI.CPL.IR1-2ø12	100	10GR-4,5-12	85
OPTI.CPL.IR1-2ø14	100	10GR-4,5-14	85
OPTI.CPL.IR2-2ø6	100	12GR-5-6	85
OPTI.CPL.IR2-2ø11	100	12GR-5-11	85
OPTI.CPL.IR2-2ø12	100	12GR-5-12	85

Length: minimum 1,1mts - maximum 14mts, in steps of 10cms.

Certificates Intersig nv



Certificates Intersig France sarl

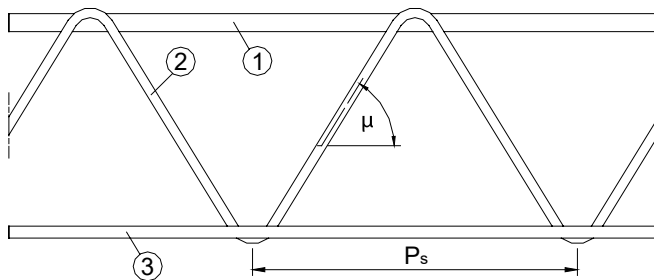
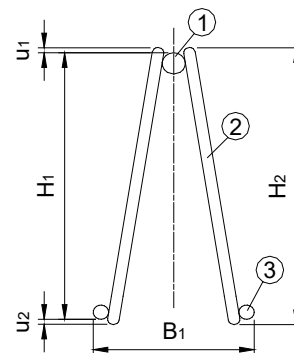
Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.



Dimensions

H1	100 - 190	Calculated height	mm
H2	H1 + 8	Total height	
B1	80 - 90	Total width	
1	7 - 16	Upper wire	
2	4 - 8	Diagonal wires	
3	5 - 16	Lower wires	
U1	4	Upper protrusion	
U2	4	Lower protrusion	
Ps	200	Step of the diagonals	
μ	According to table CKT		



Rebar type

- Upper wire: Grade B500A (Ribbed)
- Diagonal wires: Grade Smooth
- Lower wires: Grade B500A (Ribbed)

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Shear force girders

DKTS



Height (mm)	ø (mm)	Width (mm)	Pieces per bundle		
			1,20m	7,00m	8,00m
80	5 / 7 / 5	80	100	50	50
100	5 / 7 / 5	80	100	50	50
120	5 / 7 / 5	80	100	50	50
140	5 / 7 / 5	80	100	50	50
160	5 / 7 / 5	80	100	50	50
180	5 / 7 / 5	80	100	50	50
200	5 / 7 / 5	80	100	50	50
220	5 / 7 / 5	80	100	50	50
240	5 / 7 / 5	80	100	50	50
260	5 / 7 / 5	80	100	50	50

Length: minimum 0,8mts - maximum 12mts, in steps of 20cms.

Our shear force girders have been certified for 2 types of loads:

- Static load
- Dynamic load

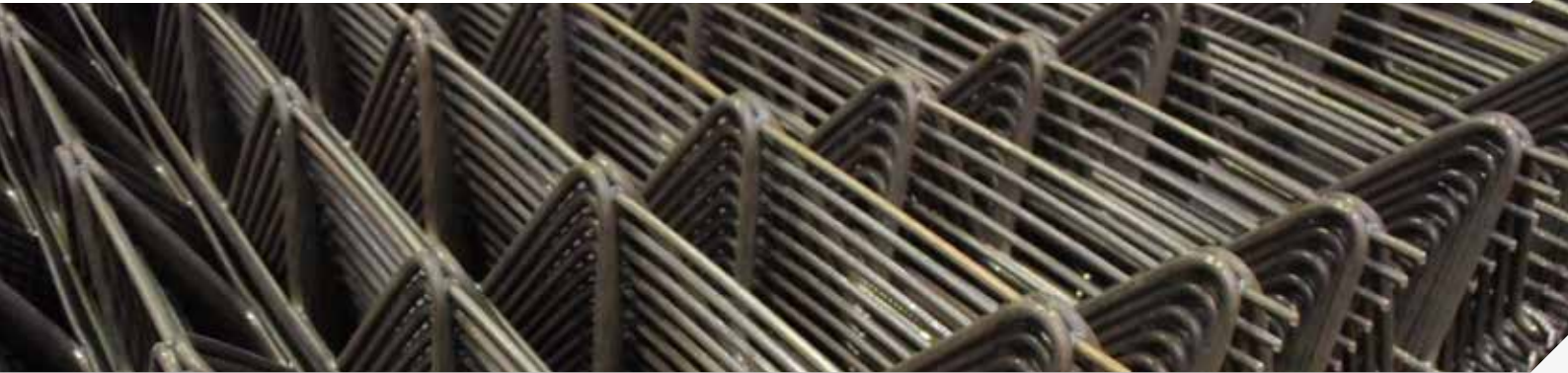
Certificates Intersig nv



Certificates Intersig France sarl

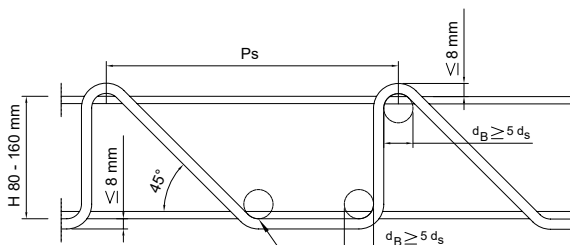
Certificates Van Merksteijn Steel bv

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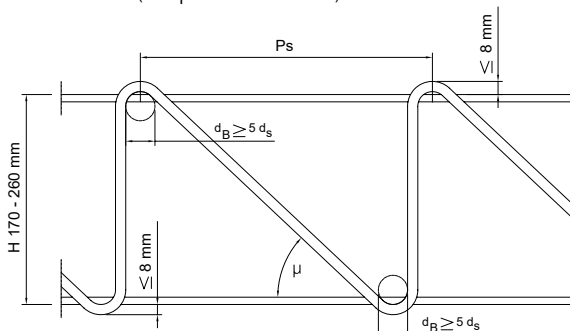
Dimensions

H1	80 - 270	Calculated height	mm
H2	H1 + 16	Total height	
B1	80	Total width	
1	5	Upper wire	
2	7	Diagonal wires	
3	5	Lower wires	
U1	8	Upper protrusion	
U2	8	Lower protrusion	
Ps	200	Step of the diagonals	



H1	170	180	190	200	210	220	230	240	250	260
μ	45,6°	47,3°	49°	50,5°	52°	53,4°	54,7°	55,9°	57,1°	58,2°

$d_B = 35\text{mm}$ (for μ value in table)



Rebar type

- Upper wire: Grade Smooth
- Diagonal wires: Grade Smooth
- Lower wires: Grade B500A-DE500BS (Ribbed)

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

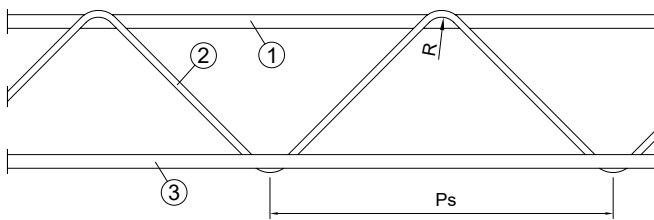
For the up to date scope on our certificates, we would like to refer you to our website.

Ring beam reinforcement

CHH



	Height (mm)	ø (mm)	Length (m)	Width (mm)	Pieces/ Bundle
CHH 8/8	90	8 / 3,3 / 8	6	80	100
CHH 8/7	90	8 / 3,3 / 7	6	80	100



Dimensions

H1	90	Calculated height	mm
H2	H1 + 8	Total height	
B1	80	Total width	
1	8	Upper wire	
2	3,3	Diagonal wires	
3	7 - 8	Lower wires	
U1	4	Upper protrusion	
U2	4	Lower protrusion	
Ps	200	Step of the diagonals	
R	10	Bend diameter	

Rebar type

- Upper wire: Grade B500A (Ribbed)
- Diagonal wires: Grade Smooth
- Lower wires: Grade B500A (Ribbed)

Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

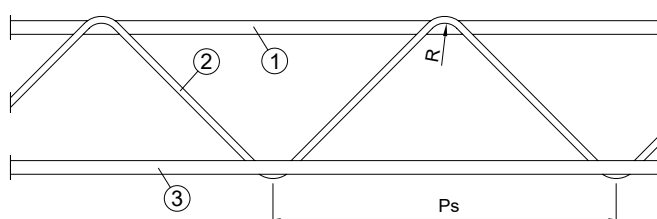
For the up to date scope on our certificates, we would like to refer you to our website.

Flat ring beam reinforcement

CHPH

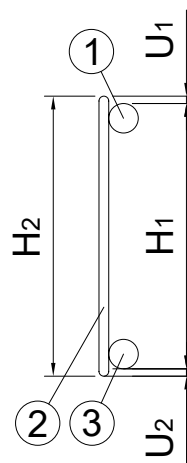


	Height (mm)	ø (mm)	Length (m)	Pieces/ Bundle
CHPH 10/10	90	10 / 3,3 / 10	6	100



Dimensions

H1	90	Calculated height	mm
H2	H1 + 8	Total height	
1	10	Upper wire	
2	3,3	Diagonal wire	
3	10	Lower wire	
U1	4	Upper protrusion	
U2	4	Lower protrusion	
Ps	200	Step of the diagonals	
R	10	Bend diameter	



Rebar type

- Upper wire: Grade B500A (Ribbed)
- Diagonal wire: Grade Smooth
- Lower wire: Grade B500A (Ribbed)

Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Chapter 5

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Spacer Type A heavy duty

A.HD.DBV


Height (mm)	Width (mm)	Under packaging	Commercial packaging
50	75	25	250
60	75	25	250
70	75	25	250
75	75	25	250
80	75	25	250
90	75	25	250
100	75	25	250
105	75	25	250
110	75	25	250
120	75	25	250
130	75	25	250
135	75	25	250
140	75	25	250
150	75	25	250
160	75	25	250
165	75	25	250
170	75	25	250
180	75	25	250
190	75	25	250
200	75	25	250
210	85	20	100
220	85	20	100
230	85	20	100
240	85	20	100
250	85	20	100
260	85	20	100
270	85	20	100
280	85	20	100
290	85	20	100
300	85	20	100
310	on demand		
320	90	50	50
330	on demand		
340	90	50	50
350	on demand		
360	90	50	50
370	on demand		
380	90	50	50
390	on demand		
400	90	50	50

Length: 2 m

Certificates Intersig nv

Certificates Intersig France sarl
Certificates Van Merksteijn Steel bv

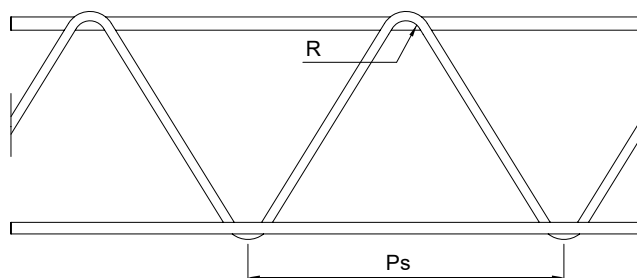
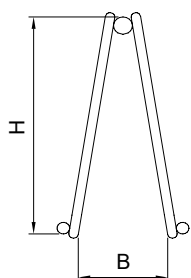
For the up to date scope on our certificates, we would like to refer you to our website.

Spacer Type A heavy duty

A.HD.DBV


Dimensions

H	50 - 400	Calculated height	mm
B	75 - 90	Total width	
Ps	200	Step of the diagonals	
R	10	Bend diameter	



Rebar type

- Upper wire	Grade Smooth
- Diagonal wires	Grade Smooth
- Lower wires	Grade Smooth

Recommended distance between the spacers

Reinforcement diameter	Distance between the spacers	Required length / m ²
< 6,0 mm	500 mm	2,00 lm / m ²
6,5 mm t/m 12 mm	700 mm	1,50 lm / m ²
> 12 mm	700 mm	1,50 lm / m ²

Maximum deflection

Load	Height
4 kN	50 < h < 400 mm
6 kN	6 mm

Note: Calculated according to equally divided maximum weight on a 1,35m² bearing surface (cfr. DBV-test).

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Spacer Type A regular

A.R


Height (mm)	Width (mm)	Under packaging	Commercial packaging
50	75	25	250
60	75	25	250
70	75	25	250
75	75	25	250
80	75	25	250
90	75	25	250
100	75	25	250
105	75	25	250
110	75	25	250
120	75	25	250
130	75	25	250
135	75	25	250
140	75	25	250
150	75	25	250
160	85	25	250
165	85	25	250
170	85	25	250
180	85	25	250
190	85	25	250
200	85	25	250

Length: 2 m

Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

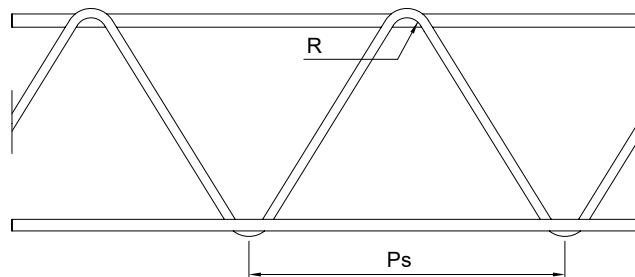
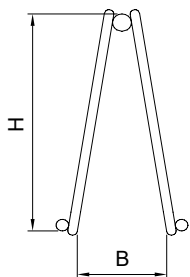
For the up to date scope on our certificates, we would like to refer you to our website.

Spacer Type A regular

A.R


Dimensions

H	50 - 200	Calculated height	mm
B	75-85	Total width	
Ps	200	Step of the diagonals	
R	10	Bend diameter	



Rebar type

- Upper wire	Grade Smooth
- Diagonal wires	Grade Smooth
- Lower wires	Grade Smooth

Recommended distance between the spacers

Reinforcement diameter	Distance between the spacers	Required length / m ²
< 6,0 mm	500 mm	2,00 lm / m ²
6,5 mm t/m 12 mm	700 mm	1,50 lm / m ²
> 12 mm	700 mm	1,50 lm / m ²

Maximum deflection

Load	Height	
4 kN	< 120 mm	120 < h < 200 mm
	< 5 mm	6 mm
6 kN		

Note: Calculated according to equally divided maximum weight on a 1,35m² bearing surface (cfr. DBV-test).

Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Spacer Type ZZ regular
ZZ.R


Height (mm)	Pack Qty (No)		Commercial transport pallet	Pallet height (mm)	Pallet weight (kg)
20	25	1200	3600	800	1307
30	25	1200	3600	760	1400
40	25	1200	3600	920	1443
50	25	1200	2400	1020	1008
60	25	1200	2400	936	1036
70	25	1200	2400	1062	1065
80	25	1000	2000	1020	920
90	25	1000	2000	1125	944
100	25	1000	2000	1230	968
110	25	800	1600	1104	804
120	25	800	1600	1188	823
130	25	800	1600	1272	877
140	25	600	1200	1062	686
150	25	600	1200	1125	703
160	25	600	1200	1188	718
180	25	600	1200	1314	847
200	25	400	800	1020	609

Length: 2 m

Bearing surface: 20 cm

Certificates Intersig nv

Certificates Intersig France sarl
Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.



Recommended distance between the spacers

Reinforcement diameter	Distance between the spacers	Required length / m ²
< 6,0 mm	500 mm	2,00 lm / m ²
6,5 mm t/m 12 mm	700 mm	1,50 lm / m ²
> 12 mm	700 mm	1,50 lm / m ²

Maximum deflection

Load	Height	
	< 120 mm	120 < h < 200 mm
4 kN	< 5 mm	6 mm
6 kN		

Note: Calculated according to equally divided maximum weight on a 1,35m² bearing surface (cfr. DBV-test).

Packaging and transport

The spacers are nested for compact packaging:

Advantage

- *40% less volume
- *bundles are more stable



Subpackaging of 25 pieces

Commercial transport packaging: 2 to 3 bundles a pallet:

Advantage

- *faster loading and unloading: economical
- *fewer pallets: ecological

Full truck load: 24 pallets.

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Spacer Type ZZ heavy duty

ZZ.HD.DBV


Height (mm)	Pack Qty (No)		Commercial transport pallet	Pallet height (mm)	Pallet weight (kg)
20	25	1200	3600	800	1307
30	25	1200	3600	760	1400
40	25	1200	3600	920	1443
50	25	1200	2400	1020	1089
60	25	1200	2400	936	1132
70	25	1200	2400	1062	1173
80	25	1000	2000	1020	1022
90	25	1000	2000	1125	1058
100	25	1000	2000	1230	1094
110	25	800	1600	1104	912
120	25	800	1600	1188	941
130	25	800	1600	1272	970
140	25	600	1200	1062	762
150	25	600	1200	1125	782
160	25	600	1200	1188	804
180	25	600	1200	1314	1030
200	25	400	800	1020	732
220	25	400	800	1104	760
240	25	400	800	1188	788
260	25	200	600	999	702
280	25	150	450	1062	559
300	25	150	450	1125	579
320	25	150	300	852	416
340	25	150	300	894	451
360	25	150	300	936	466
380	25	150	300	978	481
400	25	150	300	1020	496

Length: 2 m

Bearing surface: 20 cm

Certificates Intersig nv



Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

*For the up to date scope on
our certificates, we would like
to refer you to our website.*

Spacer Type ZZ heavy duty

ZZ.HD.DBV


Recommended distance between the spacers

Reinforcement diameter	Distance between the spacers	Required length / m ²
< 6,0 mm	500 mm	2,00 lm / m ²
6,5 mm t/m 12 mm	700 mm	1,50 lm / m ²
> 12 mm	700 mm	1,50 lm / m ²

Maximum deflection

Load	Height
	50 < h < 400 mm
4 kN	
6 kN	6 mm

Note: Calculated according to equally divided maximum weight on a 1,35m² bearing surface (cfr. DBV-test).

Packaging and transport

The spacers are nested for compact packaging:

Advantage

- *40% less volume
- *bundles are more stable



Subpackaging of 25 pieces

Commercial transport packaging: 2 to 3 bundles a pallet:

Advantage

- *faster loading and unloading: economical
- *fewer pallets: ecological

Full truck load: 24 pallets.

Certificates Intersig nv



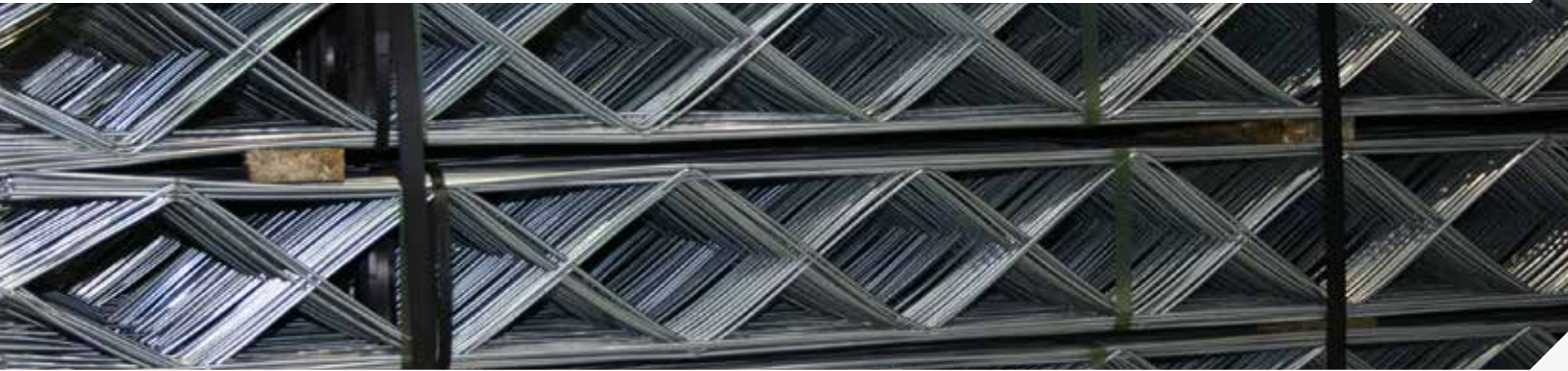
Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

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Sigmafor Round	
Sigmafor Round Heavy Duty	
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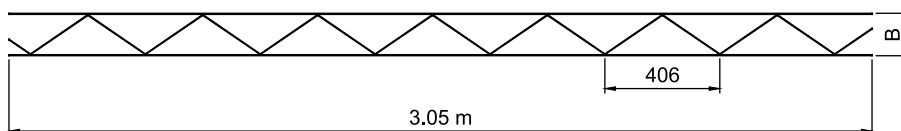


Round Sigmafor is used for regular masonry with thick mortar joints.



According to NBN EN 845-3:2013

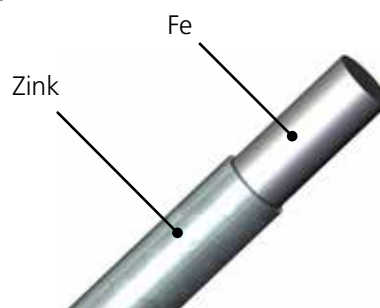
Width (mm)	Under packaging	Commercial packaging
50	20	600
100	20	600
150	20	400
200	20	200



SIGMAFOR is a prefabricated wall armour made of galvanized steel and consisting of two parallel longitudinal wires, which are welded to a continuous diagonal wire. Owing to its unique shape and the quality of the wires, Sigmafor reinforcement improves the resistance of the wall construction and prevents cracks which could occur due to shrinkage, movement or vibration.

Characteristics

Yield strength Re:	500MPa
Tensile strength Rm:	550MPa
Shear resistance of the welds:	>2500N
Zinc coating:	Hot dipped galvanized wire with a zinc coating of at least 60gr/m ²



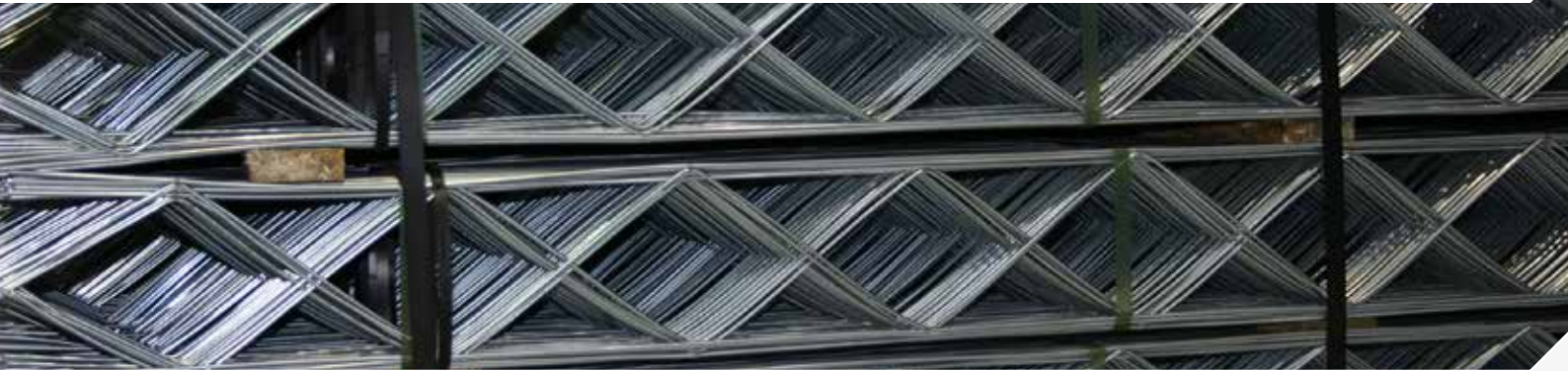
Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Sigmafor Round Heavy Duty – anti seismic



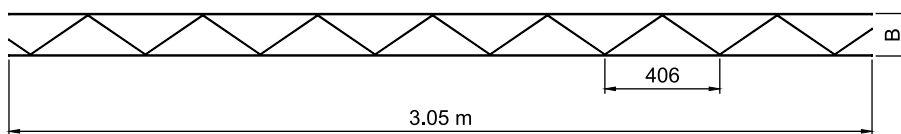
Round Sigmafor is used for regular masonry with thick mortar joints.



According to NBN EN 845-3:2013



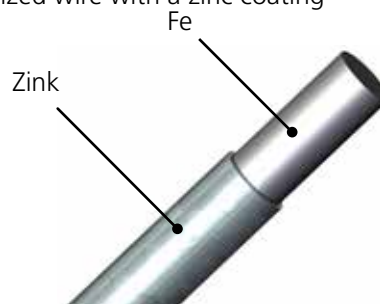
Width (mm)	ø (mm)	Under packaging	Commercial packaging
50	5 / 3,7 / 5	20	480
80	5 / 3,7 / 5	20	480
100	5 / 3,7 / 5	20	480
150	5 / 3,7 / 5	20	320
200	5 / 3,7 / 5	20	160
250	5 / 3,7 / 5	20	160
300	5 / 3,7 / 5	20	160



SIGMAFOR is a prefabricated wall armour made of galvanized steel and consisting of two parallel longitudinal wires, which are welded to a continuous diagonal wire. Owing to its unique shape and the quality of the wires, Sigmafor reinforcement improves the resistance of the wall construction and prevents cracks which could occur due to shrinkage, movement or vibration.

Characteristics

Tensile strength R_m : 600MPa
 Shear resistance of the welds: >5000N
 Zinc coating: Hot dipped galvanized wire with a zinc coating

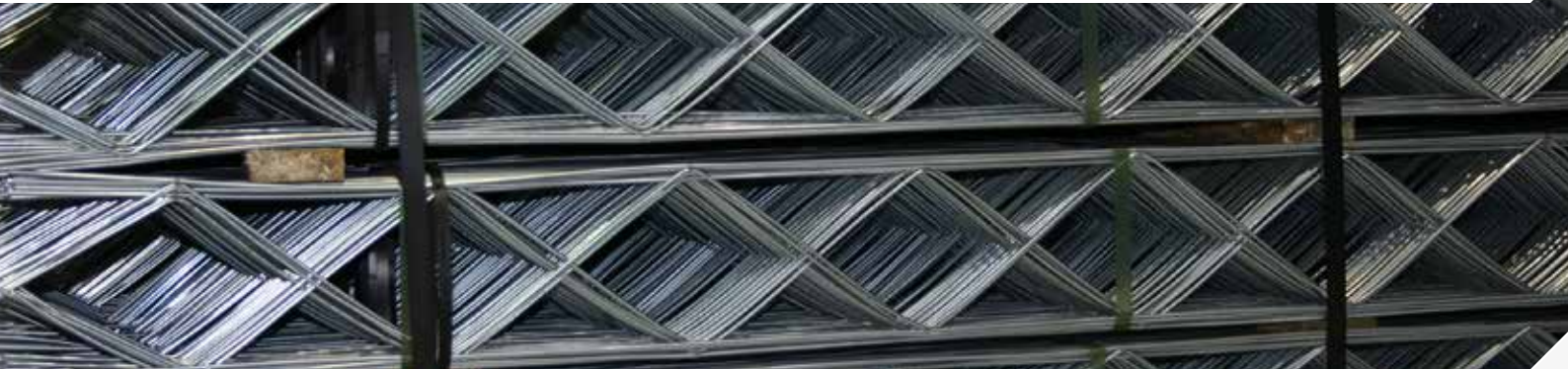


Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.



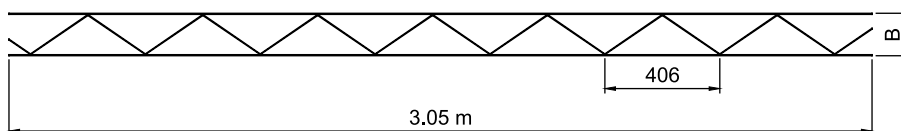
Flat Sigmafor is used for masonry with thin (glued) joints.



According to NBN EN 845-3:2013



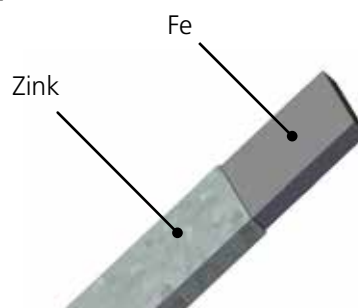
Width (mm)	Under packaging	Commercial packaging
40	20	600
90	20	600
140	20	400
190	20	200



SIGMAFOR is a prefabricated wall armour made of galvanized steel and consisting of two parallel longitudinal wires, which are welded to a continuous diagonal wire. Owing to its unique shape and the quality of the wires, Sigmafor reinforcement improves the resistance of the wall construction and prevents cracks which could occur due to shrinkage, movement or vibration.

Characteristics

Yield strength Re:	500MPa
Tensile strength Rm:	550MPa
Shear resistance of the welds:	>2500N
Zinc coating:	Hot dipped galvanized wire with a zinc coating of at least 60gr/m ²

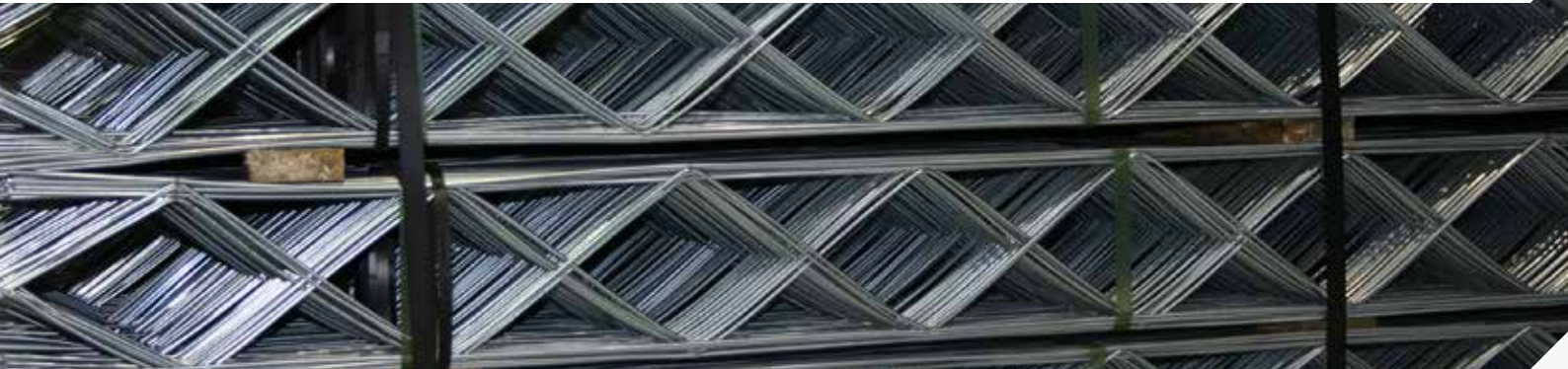


Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

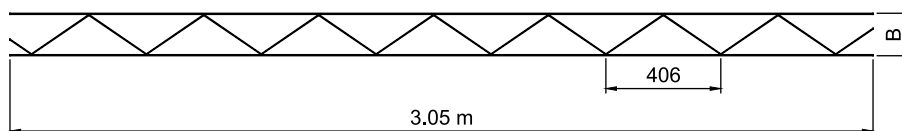


Round Sigmafor with epoxy is used for thick mortar joints in an aggressive environment.



According to NBN EN 845-3:2013

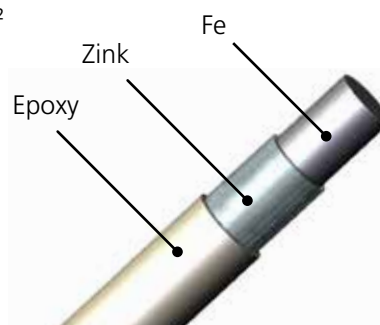
Width (mm)	Under packaging	Commercial packaging
50	20	100



SIGMAFOR is a prefabricated wall armour made of galvanized steel and consisting of two parallel longitudinal wires, which are welded to a continuous diagonal wire. Owing to its unique shape and the quality of the wires, Sigmafor reinforcement improves the resistance of the wall construction and prevents cracks which could occur due to shrinkage, movement or vibration.

Characteristics

Yield strength Re:	500MPa
Tensile strength Rm:	550MPa
Shear resistance of the welds:	>2500N
Zinc coating:	Hot dipped galvanized wire with a zinc coating of at least 60gr/m ²
Epoxy coating:	at least 80gr/m ²



Certificates Intersig nv

Certificates Intersig France sarl

Certificates Van Merksteijn Steel bv

For the up to date scope on our certificates, we would like to refer you to our website.

Chapter 7

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Coil clamp R/5000



This coil clamp can be used to lift and move cold drawn coils.

According to the inner diameter of the coil, the coil can be equipped with different sets of clamp jaws.

The standard execution is with type R5000/600S.

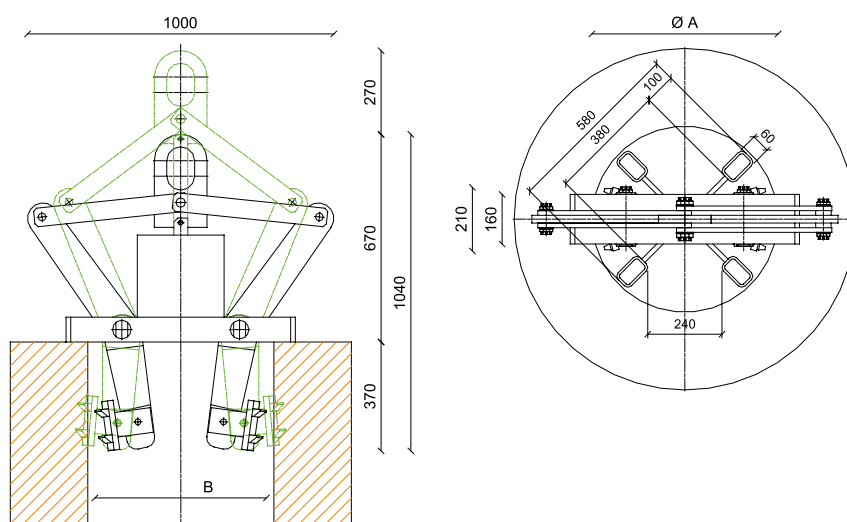
Type: R/5000

Maximum lifting capacity: 5 tons

Net weight: 140 kg

Clamp jaws

Type	Inner diameter of the coil
R/5000/540S	from 510 mm to 540 mm = max.
R/5000/560S	from 540 mm to 570 mm = max.
R/5000/600S	from 580 mm to 610 mm = max.
R/5000/620S	from 600 mm to 630 mm = max.
R/5000/640S	from 610 mm to 640 mm = max.



Coil clamp RS/5000



This coil clamp can be used to lift and move hot rolled coils that are perfectly spooled.

According to the inner diameter of the coil, the coil can be equipped with different sets of clamp jaws.

The standard execution is with type RS5000/580-640/5.

Type: RS/5000

Maximum lifting capacity: 5 tons

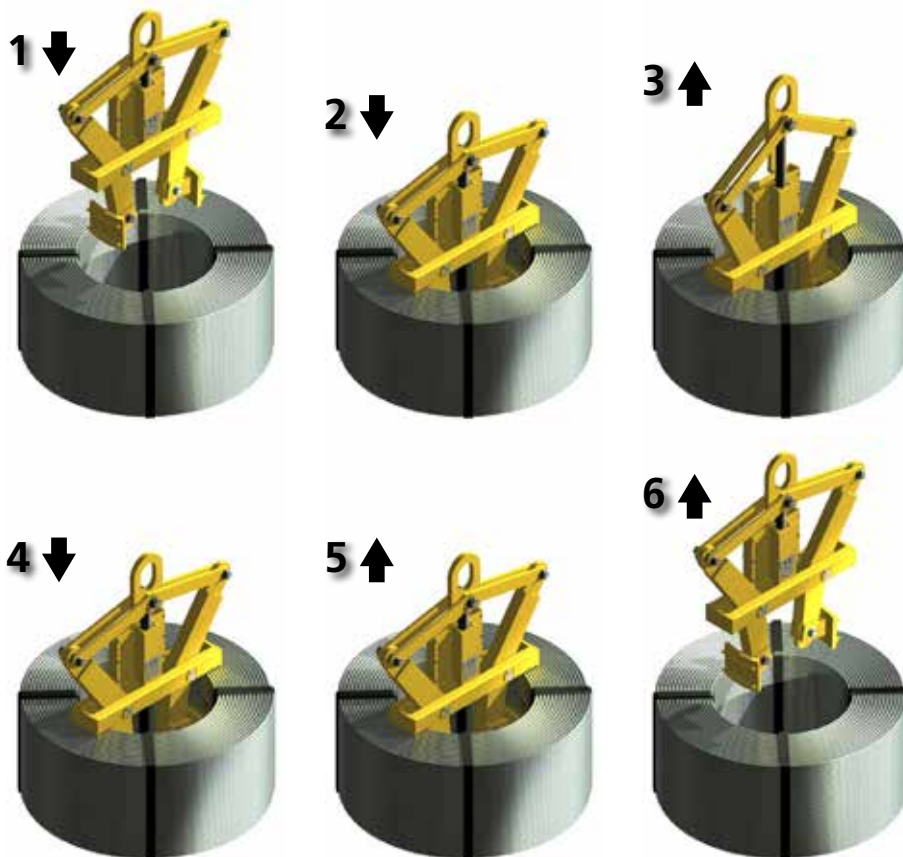
Net weight: 220 kg

Clamp jaws

Type	Inner diameter of the coil
RS/5000/580-640/6S	from 580 mm to 640 mm = max.
RS/5000/540-600/6SGL	from 540 mm to 600 mm = max.



Coil clamp working



- 1 Lower the clamp into the coil. Make sure that the jaws of the clamp do not grip the strapping.
- 2 When the bridge of the coil clamp rests on the coil, lower the hook completely.
- 3 When the clamp is lifted, the closing mechanism unlocks and the jaws of the clamp grip the coil.
- 4 When putting down, lower the hook completely until the locking mechanism closes. If the clamp is used to put rolls onto a reel, make sure that nothing can prevent the lowering of the jaws of the clamp, otherwise, the load could get loose.
- 5 - 6 Now, the coil clamp can be lifted freely.





Our pay-off systems can make the unwinding of coils a lot easier.

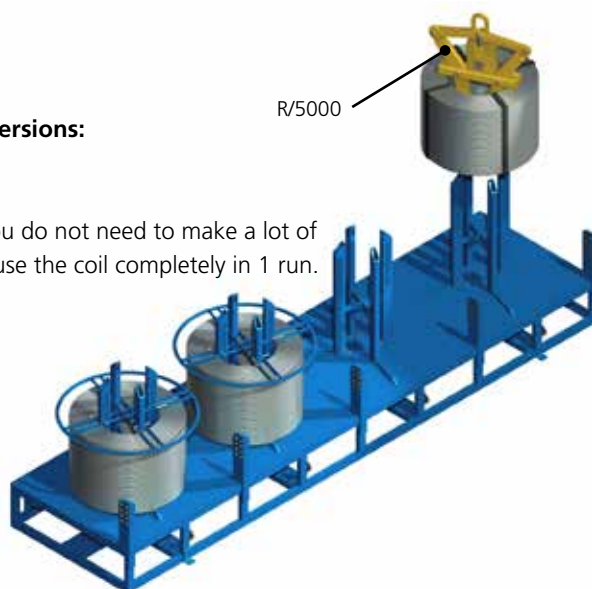
- The coil keeps its shape
- There is no damage to the wire
- The coil unwinds perfectly
- Pneumatically driven

The pay-off system is available in 2 versions:

1. With fixed cores - DSPR

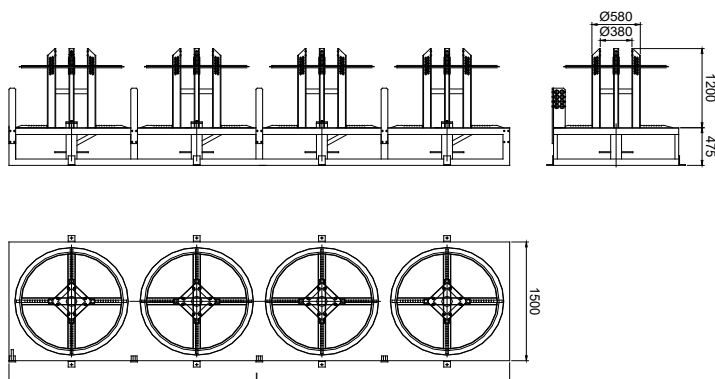
This system is particularly useful when you do not need to make a lot of changes in diameter, so it allows you to use the coil completely in 1 run.

Type	Number of coils
DS1PR	1
DS2PR	2
DS3PR	3
DS4PR	4



Dimensions

Type	Length (mm)
DS1PR - DS1PRO	1500
DS2PR - DS2PRO	3000
DS3PR - DS3PRO	4500
DS4PR - DS4PRO	6000



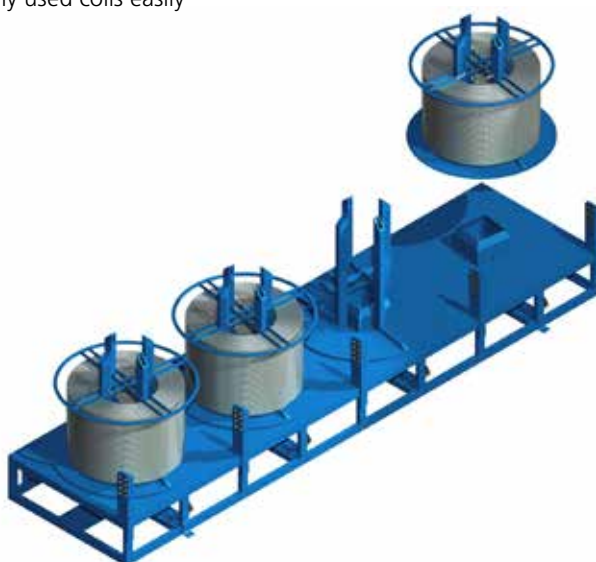


2. With reels - DSPRO

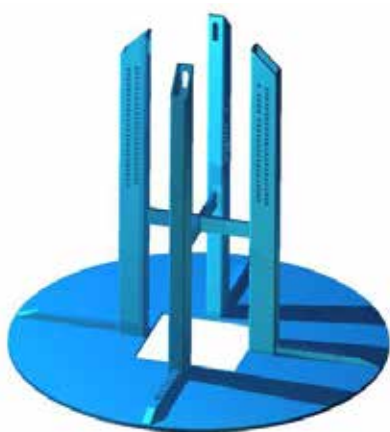
This system is useful when there are a lot of changes in diameter, taking into account that the coil is not finished yet. The reels allow you to change the partially used coils easily and set them aside for later use.

Type	Number of coils
DS1PRO	1
DS2PRO	2
DS3PRO	3
DS4PRO	4

- Upon request, both systems can be combined (e.g. 3 fixed cores and 1 reel).
- Unwinding both to the left and right is possible.



Individual components



Reel
Type: DS OH



Washer
Type: SR 1250

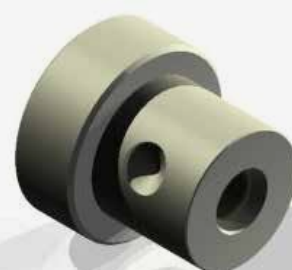
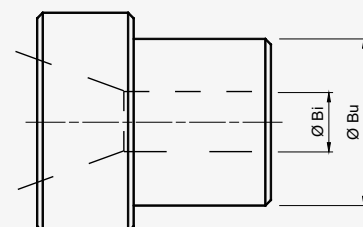
Straightning dies



Core in hard metal

Straightening dies are used to straighten the wire and to prevent torsion. They are suitable for all kinds of applications.

Type	Diameter wire Ø	Outer diameter Ø	Inner passage Ø
OVR 100	4	32	7
OVR 135	4.5	35	7
OVR 105	6	32	9
OVR 140	6	38	9
OVR 110	8	32	11
OVR 115	8	32	13
OVR 136	8	35	13
OVR 145	8	38	11
OVR 120	10	32	15
OVR 150	10	45	13
OVR 125	12	32	17
OVR 155	12	45	15
OVR 160	12	50	15
OVR 165	12	45	17
OVR 170	12 - 14	50	17
OVR 130	14	32	19
OVR 180	14	50	19
OVR 190	16	50	21



Chapter 8

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Belgium	Sweden
Netherlands	Czeck Republic
France	Denmark
Great Britain	Norway
Poland	Slovakia
Germany	

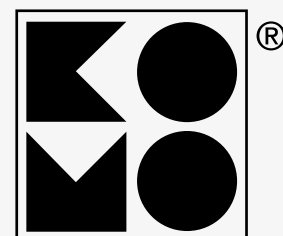
Belgium / Netherlands

Belgium

Certificate	Location	Product
BENOR 44	Intersig Dendermonde	Coils / Bars
BENOR 44		DE 500 BS / ø5 - 16mm BE 500 TS / ø8 - 16mm
BENOR 400		Lattice girders
BENOR 118		Trader
BENOR 140	Sigmetal Dendermonde	Trader
BENOR 143	Sigsteel Dendermonde	Trader
BENOR 210	Van Merksteijn Almelo	Mesh
BENOR 47		Coils / Bars
BENOR 603		Cut and bend plant
BENOR 110		Trader
BENOR 701		Fencing


Netherlands

Certificate	Location	Product
K 7335/05	Intersig Dendermonde	Coils B500A
K 7401/05		Bars B500A
K 63089/01		Coils B500B
K 63538/01		Bars B500B
K 7342/04		Lattice girders
K 7354/05	Van Merksteijn Almelo	Mesh / Bars B500A
K 61720/01		Mesh / Bars B500B
K 25967/01		Mesh / Cut and bend plant
K 7025/03		Coils B500A
K 14193/03		Coils B500B
K 22689/04		ISO 9001
K 22692/04		OHSAS 18001




France

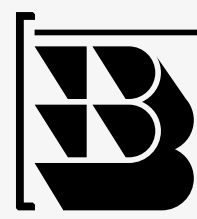
Certificate	Location	Product
B93/063	Intersig Dendermonde	Coils / Bars B500A
B10/256		Coils / Bars B500B hot rolled
B11/266		Coils B500B cold drawn
A09/091		Lattice girders
B11/258	Intersig France	Coils / Bars B500A ribbed
B11/261		Coils / Bars B500A indented
B11/271		Coils / Bars B500B ribbed
B14/297		Coils B500B cold drawn
B11/268		Mesh B500B
B11/269		Mesh B500A
B11/270		Mesh B600A
B01/158	Van Merksteijn Almelo	Mesh B500A
B01/159		Mesh B600A
B99/145		Coils B500A
B01/157		Coils B500B


Great Britain

Certificate	Location	Product
040102	Van Merksteijn Almelo	Coils B500A and B500B / Mesh
1110		ISO 9001


Poland

Certificate	Location	Product
AT-15-9038	Van Merksteijn Almelo	Coils B500A
AT-15-9039		Mesh




Germany

Certificate	Location	Product
11 9552-1	Intersig Dendermonde	Coils / Bars B500A +G/+P
11 9562-1		Coils B500A
11 9448-1		Coils B500B
11 9169-1		Bars B500A
11 9557-1		Lattice girders for walls
11 9559-1		Lattice girders for slabs
11 9560-1		Shear force girders static load
11 9549-1		shear force girders dynamic load
11 7433-1		Spacers and snake spacers
11 7433-2		Spacers type zz
11 9111-1	Van Merksteijn Almelo	Mesh B500A
11 9118-1		Mesh B500B
11 9107-1		Mesh Europrofil
Z-1.3-197		Mesh Europrofil
11 9121-1		Mesh dynamic load
Z-1.3-138		Mesh dynamic load
11 9354-1		Coils B500A
11 9356-1		Bars B500A
11 9348-1		Coils B500B
11 9345-1		Coils Europrofil
Z-1.2-193		Coils Europrofil
11 9350-1		Coils MK6 Profil
Z-1.2-162		Coils MK6 Profil

U

Sweden

Certificate	Location	Product
08011	Intersig Dendermonde	Lattice girders
8010	Van Merksteijn Almelo	Coils B500NB and B500NC Mesh B500NB and B500NC Lattice girders B500NB and B500NC



Czech Republic / Denmark / Norway / Slovakia

Czech Republic

Certificate	Location	Product
204.C5.2008 070-034887	Intersig Dendermonde	Lattice girders
204.C5.2008 070-034674	Van Merksteijn Almelo	Coils B500A
204.C5.2008 070-034678		Coils B500B
204.C5.2008 070-034682		Mesh B500MA

Denmark

Certificate	Location	Product
0912	Van Merksteijn Almelo	Coils B500A, B500B and B550B Mesh B500A, B500B and B550B Bars B500A, B500B and B550B

Norway

Certificate	Location	Product
08011	Intersig Dendermonde	Lattice girders
990426	Van Merksteijn Almelo	Coils B500NB and B500NC Mesh B500NB and B500NC Lattice girders B500NB and B500NC

Slovakia

Certificate	Location	Product
SK04-ZSV-0890	Van Merksteijn Almelo	Coils B500A and B500B Mesh B500M-A

