

SD INTEGRATED CONCRETE REINFORCING SYSTEM

SD STEEL - SD CUT LENGTHS - COILS - SIDEFIT - SD STIRRUP MESH - SD WIRE MESH - SIDEFOR - STEEL FIBERS - LATTICE GIRDERS

TECHNICAL SPECIFICATIONS

TYPE:

Prefabricated mesh for stirrup reinforcement for columns, beams and shear walls

STEEL GRADE:

Line wires: concrete reinforcing steel BSt500S according to DIN 488, diameter $\varnothing 8$, $\varnothing 10$ and $\varnothing 12$
Cross wires: SAE 1010 wire rod, according to ASTM A510M

FORM - DIAMETER:

Sheets. Length from 0.80 to 3.00m and width 2.60 & 3.00m

PACKING - WEIGHT:

Sheet stacks. Weight from 9.60 to 73.30Kg per sheet, depending on dimensions and type

SD STIRRUP REINFORCEMENT MESH



SD Stirrup Reinforcing Mesh for beam, column and shear wall stirrups is produced from straight rebars -grade BSt500S- DIN 488 in diameters 8, 10, and 12mm. The stirrup cages are then formed in fabrication plants or in job site, leading to high precision in geometry, stirrup distance and stability.

The forming of the stirrup cages from SD mesh is considerably faster, accurate and covers most of the cross-section geometries of beams, columns and shear walls, offering high precision in execution with high productivity and overall quality.

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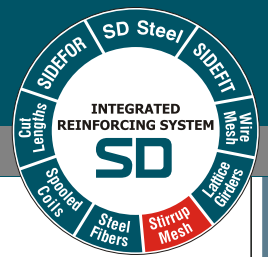
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THEORETICAL WEIGHTS AND BUNDLES OF SD STIRRUP MESH

Ø8			100mm SPACING			125mm SPACING		
SHEET LENGTH (m)	X	SHEET WIDTH (m)	SHEET WEIGHT (kg)	No. OF SHEETS PER BUNDLE	THEOR. BUNDLE WEIGTH(kg)	SHEET WEIGHT (kg)	No. OF SHEETS PER BUNDLE	THEOR. BUNDLE WEIGTH(kg)
0.80	X	3.00	11.48	50	574	9.60	40	384
1.00	X	3.00	13.85	50	693	10.84	40	434
1.20	X	3.00	16.22	50	811	13.37	40	535
1.40	X	3.00	18.59	50	930	15.27	40	611
1.60	X	3.00	21.62	50	1,081	17.83	40	713
1.80	X	3.00	23.99	50	1,200	19.73	40	789
2.00	X	3.00	27.03	50	1,352	22.29	40	892
2.20	X	3.00	29.40	50	1,470	24.19	40	968
2.40	X	3.00	31.77	50	1,589	26.08	40	1,043
2.60	X	3.00	34.81	25	870	27.98	25	699
2.80	X	2.60	32.22	25	806	26.11	25	653
3.00	X	2.60	34.85	25	871	27.77	25	694

Ø10			100mm SPACING			125mm SPACING		
SHEET LENGTH (m)	X	SHEET WIDTH (m)	SHEET WEIGHT (kg)	No. OF SHEETS PER BUNDLE	THEOR. BUNDLE WEIGTH(kg)	SHEET WEIGHT (kg)	No. OF SHEETS PER BUNDLE	THEOR. BUNDLE WEIGTH(kg)
1.00	X	3.00	20.51	50	1,026	-	-	-
1.20	X	3.00	24.21	50	1,211	19.77	40	791
1.40	X	3.00	27.91	50	1,396	22.73	40	909
1.60	X	3.00	32.28	50	1,614	26.36	40	1,054
1.80	X	3.00	35.98	50	1,799	29.32	40	1,173
2.00	X	3.00	40.35	40	1,614	32.95	40	1,318
2.20	X	3.00	44.05	40	1,762	35.91	40	1,436
2.40	X	3.00	47.75	40	1,910	38.87	40	1,555
2.60	X	3.00	52.12	25	1,303	41.83	25	1,046
2.80	X	2.60	48.38	25	1,210	39.17	25	979
3.00	X	2.60	52.17	25	1,304	41.76	25	1,044

Ø12			100mm SPACING		
SHEET LENGTH (m)	X	SHEET WIDTH (m)	SHEET WEIGHT (kg)	No. OF SHEETS PER BUNDLE	THEOR. BUNDLE WEIGTH(kg)
1.20	X	3.00	39.97	25	849
1.40	X	3.00	39.29	25	982
1.60	X	3.00	45.29	25	1,132
1.80	X	3.00	50.62	25	1,266
2.00	X	3.00	56.61	25	1,415
2.20	X	3.00	61.94	25	1,549
2.40	X	3.00	67.27	25	1,682
2.60	X	3.00	73.26	25	1,832
2.80	X	2.60	68.11	25	1,703
3.00	X	2.60	73.30	25	1,833



Mesh of 2.80m and 3.00m lengths, is also produced with 3.00m width