



STRUCTURAL COMPONENT	CLASS OF CONCRETE	GRADE OF REINFORCEMENT	CONCRETE COVER nom. c.
Wall	C20/25	B51 420 S B51 420 SX	CONCRETE COVER TO MAIN REINFORCEMENT MIN. MAX. BARS & TO STRAPS MIN. MAX. (cm)

BENDING DIMENSIONS GIVEN ON DRAWINGS ARE OUTSIDE TO OUTSIDE MEASUREMENTS

BENDING SCHEDULE	18	MESH SCHEDULE	7
LAST BAR MARK	117	LAST MESH MARK	7

MINIMUM DIAMETER OF BENDING FORMER IS ACCORDING TO DIN 488-9,84 Sheet 1, Table 1 and DIN 1042, 7,385 Table 10

Diameter of bar	L-hooks Loops Straps	Concrete cover at right angles to the plane of curvature	Set-up and other curved bars e.g. frame corner	Inner layers of bent-up and other curved bars of more than one layer
< 20	4s,	45mm 45mm 45mm	5s,	225s,
20-28	7s,	45mm 45mm	20s,	30s,

SPACERS: ACCORDING TO DBV-NOTES "SPACERS"(FOR TYPE) AND "CONCRETE COVER"(TAB.4 FOR ARRANGEMENT)

MINIMUM OVERLAPPING AND ANCHORING LENGTH:
(ONLY VALID IF NONE DETAIL INFORMATIONS ARE GIVEN ON THE DRAWING LOCALLY)

ANCHORING LENGTH OF RIBBED REBARS (dimensions in cm)

Ø	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø25	Ø28	Ø30	Ø32	Ø36
Bottom Layer 1)	53	40	47	53	60	67	73	83	93	100	107	120
TOP LAYER 2)	67	80	93	107	120	133	147	167	187	200	213	240

SPLICE LENGTH OF RIBBED REBARS (dimensions in cm), FOR SPLICES $\leq 50\text{S}$ IN ONE SECTION

Ø	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø25	Ø28	Ø30	Ø32	Ø36
Bottom Layer 1)	47	56	65	76	88	100	112	128	148	168	180	216
TOP LAYER 2)	70	84	98	114	132	150	168	192	222	252	270	324

SPLICE LENGTH OF RIBBED REBARS (dimensions in cm), FOR SPLICES $\leq 50\text{S}$ IN ONE SECTION

Ø	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø25	Ø28	Ø30	Ø32	Ø36
Bottom Layer 1)	53	64	75	87	100	113	127	143	161	183	205	220
TOP LAYER 2)	80	96	112	129	147	166	186	207	229	252	276	306

1) For reinforcement inclined 0° to 45° to the vertical and top reinforcement of concrete layers thinner or equal 30 cm
2) For concrete layers thicker than 30 cm
3) The spacing between the middles of the staggered overlaps must be minimum 1.3 times the value of the table

THIS DRWG IS TO BE READ IN CONJUNCTION WITH:

- 28-PH-R-656 - REBARS EL 244.00 & 247.00
- 28-PH-R-657 - REBARS EL 241.50 & 250.65
- 28-PH-R-658 - REBARS EL 249.50 & 248.40
- 28-PH-R-659 - SECTION 0° - 165°
- 28-PH-R-660 - SECTION 160° - 315°

BAR BENDING SCHEDULE FOR ONE UNIT ONLY