



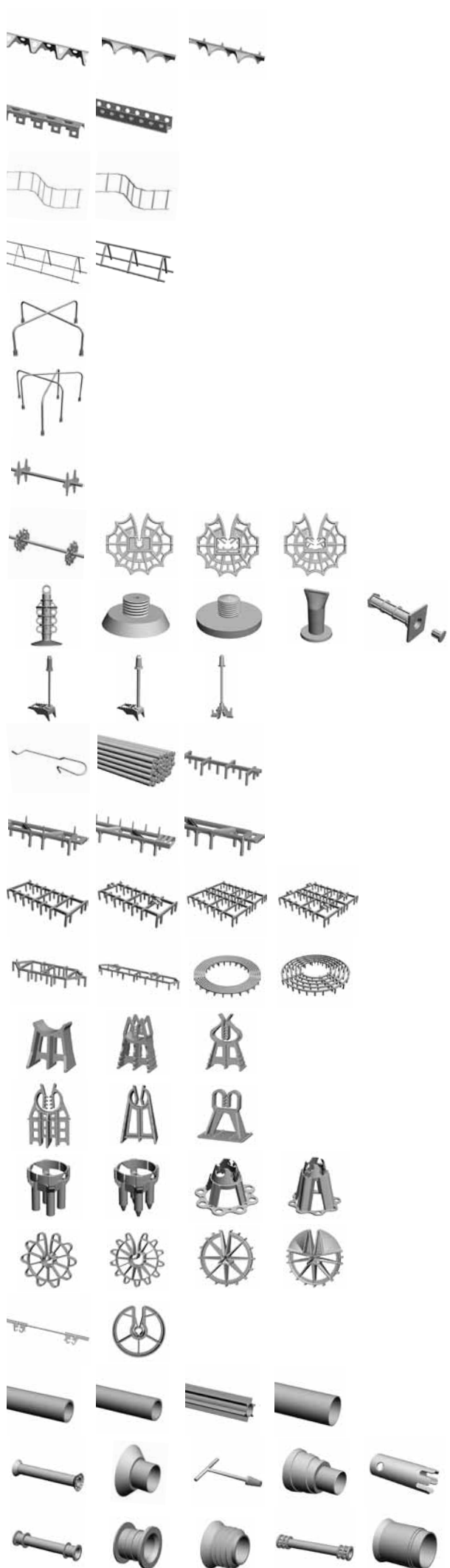
CONCRETE ACCESSORIES

Products and Information, Edition 2010



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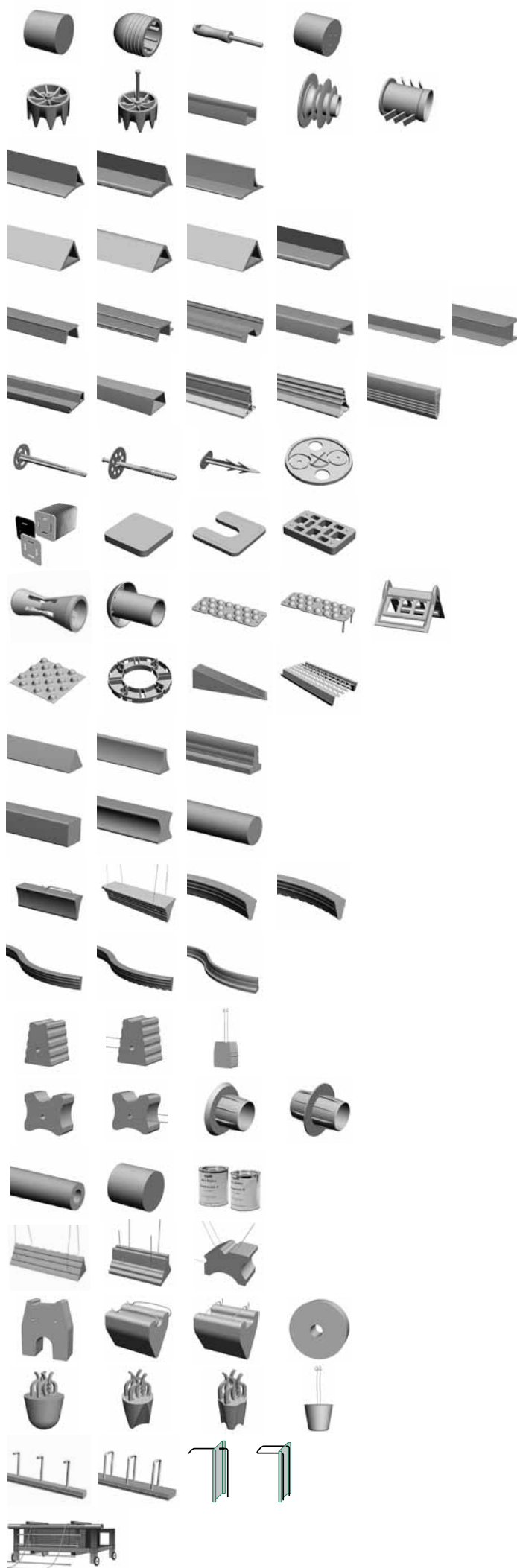
GBADK | GBAFÖ

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RM





ZZ Zig-Zag-Spacer

- Stable spacer for the bottom layer of reinforcement.
- Slip-proof and safe against overturning, highly loadable.
- Optimal concrete flow to prevent formation of voids or linear cracking in the concrete.
- Best handling for transportation, warehousing or installation through packaging in the Exte Optipack.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Meter / Bundle	Meter / Pallet
1515	ZZ 15	15	200	100	5.000
1520	ZZ 20	20	200	100	5.000
1525	ZZ 25	25	200	100	5.000
1530	ZZ 30	30	200	100	5.200
1535	ZZ 35	35	200	80	3.200
1540	ZZ 40	40	200	80	3.200
1545	ZZ 45	45	200	80	3.200
1550	ZZ 50	50	200	80	3.840
1555	ZZ 55	55	205	82	3.280
1560	ZZ 60	60	205	82	3.280
1565	ZZ 65	65	205	82	3.280

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Bundle	Pcs. / Pallet
151580	ZZ 15-080	15	80	50	3.500
152080	ZZ 20-080	20	80	50	3.500
152580	ZZ 25-080	25	80	50	3.500
153080	ZZ 30-080	30	80	50	3.500
153580	ZZ 35-080	35	80	40	1.600
154080	ZZ 40-080	40	80	40	1.600
154580	ZZ 45-080	45	80	40	1.600
155080	ZZ 50-080	50	80	40	1.600
155580	ZZ 55-080	55	80	40	1.600
156080	ZZ 60-080	60	80	40	1.600
156580	ZZ 65-080	65	80	40	1.600

Other lengths available on request.

Approved according to DBV Specification „Abstandhalter“ DBV-c-L2/F/T/A.



ZZS Zig-Zag-Spacer with pointed legs

- Spacers for lightweight reinforcement with pointed legs.
- Suitable for fair-faced concrete, specifically for precast elements.

Article No.	Designation	Concrete cover (mm)	Length (app. cm)	Meter / Bundle	Meter / Pallet
1620S	ZZ 20 S	20	244	109,80	6.148,80
1625S	ZZ 25 S	25	244	109,80	6.148,80
1630S	ZZ 30 S	30	240	108,00	5.832,00



ZZSN Zig-Zag-Spacer with pointed legs and knobs

- Spacers for lightweight reinforcement with pointed legs and knobs for fixing rebars.
- Suitable for fair-faced concrete, specifically for precast elements.

Article No.	Designation	Concrete cover (mm)	Length (app. cm)	Meter / Bundle	Meter / Pallet
1620	ZZ 20 SN	20	244	109,80	6.148,80
1625	ZZ 25 SN	25	244	109,80	6.148,80
1630	ZZ 30 SN	30	240	108,00	5.832,00

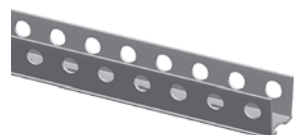


AL/2 Linear spacer with lateral cut-outs

- Large lateral cut-outs for smooth concrete flow.

Article No.	Designation	Concrete cover (mm)	Length (app. cm)	Meter / Bundle	Meter / Pallet
1901	AL 15/2	15	200	100	5.400
1903	AL 20/2	20	200	100	4.800
1905	AL 25/2	25	200	100	4.200
1907	AL 30/2	30	200	100	3.600
19091	AL 35/2	35	200	60	2.880
19112	AL 40/2	40	200	60	2.400
1944	AL 45/2	45	200	60	2.100
19131	AL 50/2	50	200	60	1.440
1919	AL 60/2	60	200	40	1.600

Other lengths available on request.

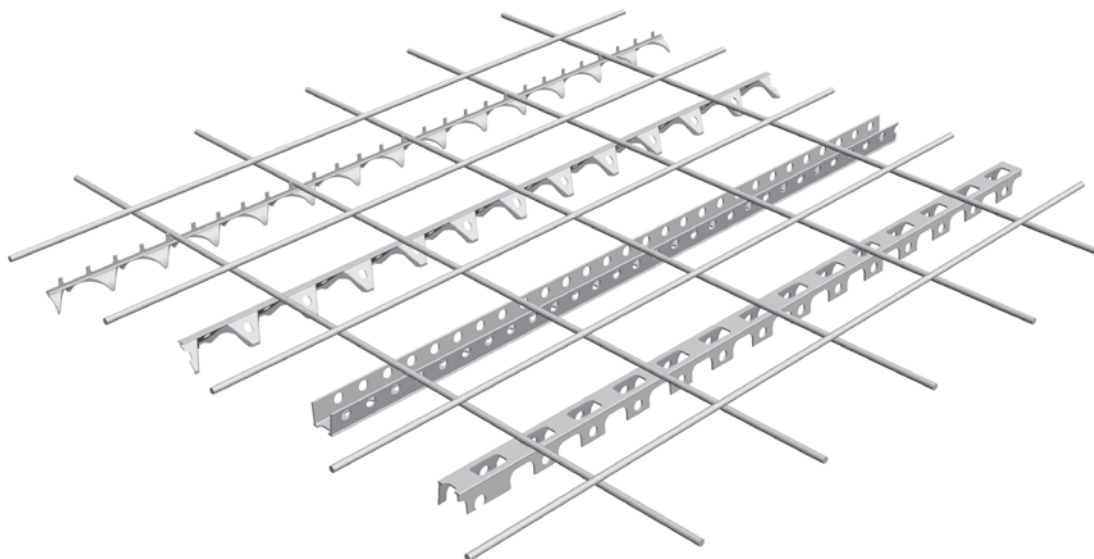


AL/1 Linear spacer without lateral cut-outs

- Spacer strip for use on soft subsoil.

Article No.	Designation	Concrete cover (mm)	Length (app. cm)	Meter / Bundle	Meter / Pallet
1900	AL 15/1	15	200	100	5.400
1902	AL 20/1	20	200	100	4.800
1904	AL 25/1	25	200	100	4.200
1906	AL 30/1	30	200	100	3.600
1908	AL 35/1	35	200	60	2.880
19102	AL 40/1	40	200	60	2.400
1914	AL 45/1	45	200	60	2.100
1912	AL 50/1	50	200	60	1.440
1920	AL 60/1	60	200	40	1.600

Other lengths available on request.



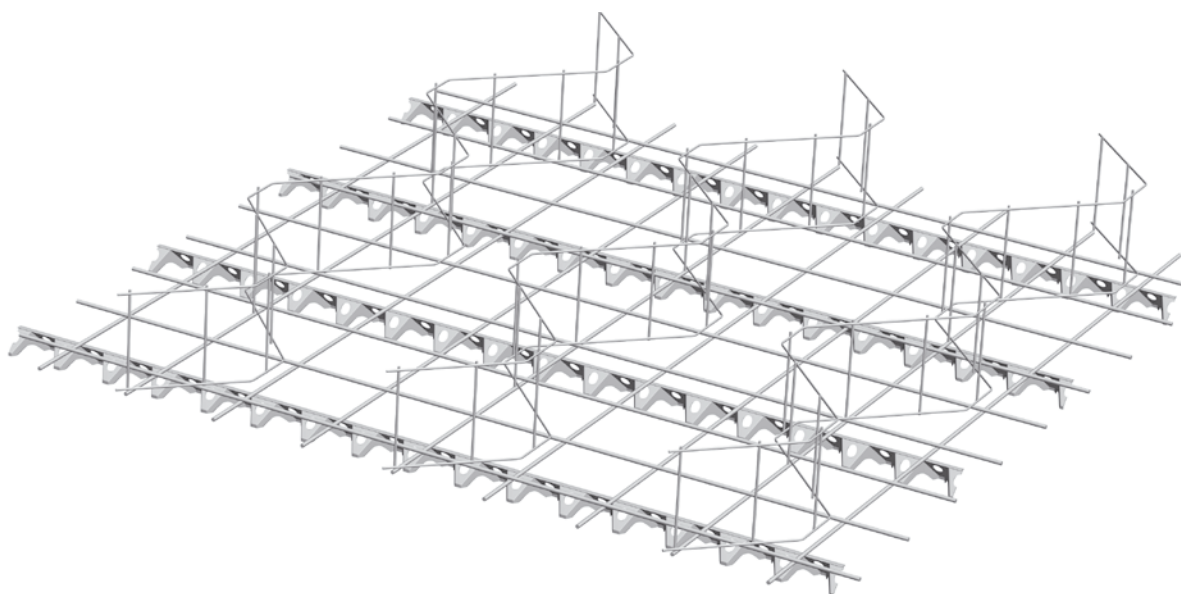


S Snake | S-DBV Snake DBV

- S-snake: lightweight design, specifically economical.
- S-DBV snake DBV: **Meets the requirements according to DIN 1045-1, tested according to DBV-Code of Practice „Unterstützungen“ (as amended in July 2002).**

Article No.	Designation	Height (cm)	Pcs. / Bundle	Pcs. / Pallet
94003	S 3	3	25	2.000
94004	S 4	4	25	2.000
94005	S 5	5	25	1.500
94006	S 6	6	25	1.500
94007	S 7	7	25	1.000
94008	S 8	8	25	1.000
94009	S 9	9	25	1.000
94010	S 10	10	25	900
94011	S 11	11	25	800
94012	S 12	12	25	700
94013	S 13	13	25	600
94014	S 14	14	25	600
94015	S 15	15	25	600
94016	S 16	16	25	500
94017	S 17	17	25	500
94018	S 18	18	25	500
94019	S 19	19	25	500
94020	S 20	20	25	400
94021	S 21	21	25	400
94022	S 22	22	25	400
94023	S 23	23	25	400
94024	S 24	24	25	300
94025	S 25	25	25	300
94026	S 26	26	25	300
94028	S 28	28	25	300
94030	S 30	30	25	300
94032	S 32	32	25	300
94034	S 34	34	25	200

Span length approx. 200 cm, span width approx. 20 cm.



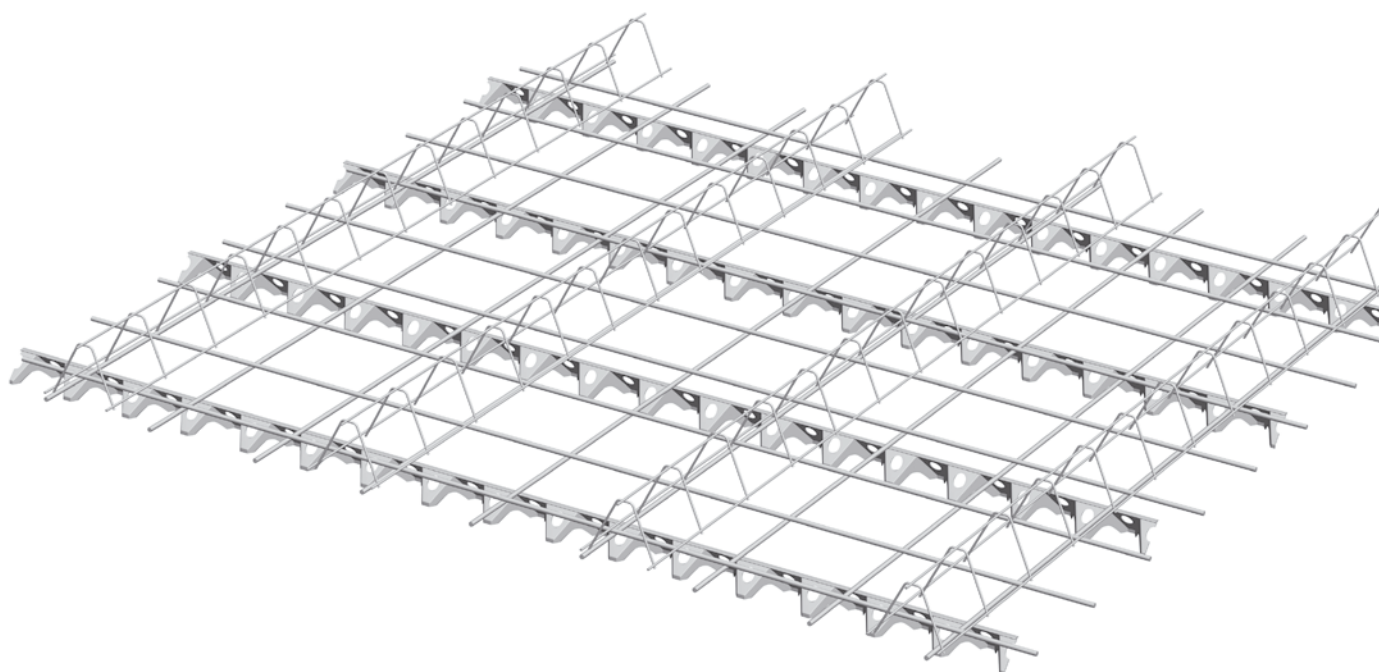


SBA A-Basket | SBA-DBV A-Basket DBV

- SBA A-Basket: lightweight design, specifically economical.
- SBA DBV A-Basket DBV: **meets the requirements according to DIN 1045-1, tested according to DBV-Code of Practice „Unterstützungen“ (as amended in July 2002).**

Article No.	Designation	Height (cm)	Pcs. / Big Bundle	Pcs. / Pallet
94205	SBA 5	5	200	1.000
94206	SBA 6	6	200	1.000
94207	SBA 7	7	200	1.000
94208	SBA 8	8	200	1.000
94209	SBA 9	9	200	1.000
94210	SBA 10	10	200	1.000
94211	SBA 11	11	200	1.000
94212	SBA 12	12	200	800
94213	SBA 13	13	200	800
94214	SBA 14	14	200	600
94215	SBA 15	15	200	600
94216	SBA 16	16	200	600
94217	SBA 17	17	200	600
94218	SBA 18	18	200	400
94219	SBA 19	19	200	400
94220	SBA 20	20	200	400
94221	SBA 21	21	100	400
94222	SBA 22	22	100	400
94223	SBA 23	23	100	400
94224	SBA 24	24	100	400
94225	SBA 25	25	100	200

Span length approx. 200 cm, 10 pieces per Bundle, supply only in large-size Bundles on pallet.

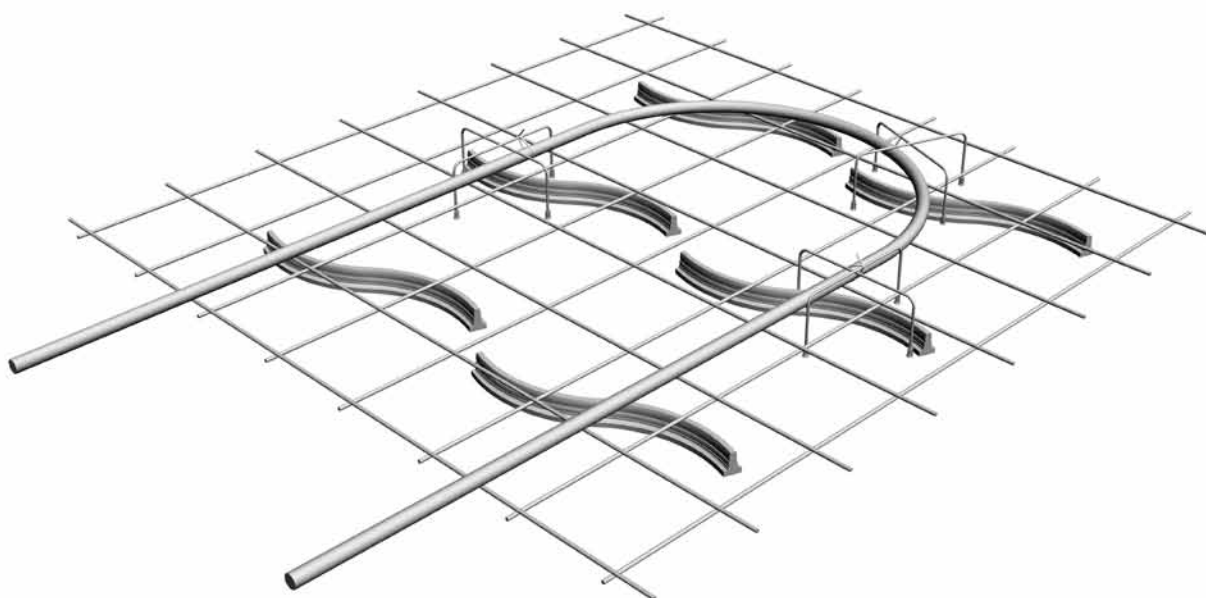




VB Quadropod with plastic feet

- Stable support for the top layer of reinforcement.
- Ideally suited for ceilings / floorings with integrated heating or cooling systems.
- Includes push-on feet.
- Non-slip large mat footing.
- Delivery times and prices available upon request.

Article No.	Designation	Footprint (cm)	Height (cm)	Steel Ø (mm)	Pcs. / Pack
946056	VB 05 / 6	20 x 20	5	6	25
946066	VB 06 / 6	20 x 20	6	6	25
946076	VB 07 / 6	20 x 20	7	6	25
946086	VB 08 / 6	20 x 20	8	6	25
946096	VB 09 / 6	20 x 20	9	6	25
946106	VB 10 / 6	20 x 20	10	6	25
946116	VB 11 / 6	20 x 20	11	6	25
946126	VB 12 / 6	20 x 20	12	6	25
946136	VB 13 / 6	20 x 20	13	6	25
946146	VB 14 / 6	20 x 20	14	6	25
946156	VB 15 / 6	20 x 20	15	6	25
946166	VB 16 / 6	20 x 20	16	6	25
946176	VB 17 / 6	20 x 20	17	6	25
946186	VB 18 / 6	20 x 20	18	6	25
946196	VB 19 / 6	20 x 20	19	6	25
946206	VB 20 / 6	20 x 20	20	6	25
946216	VB 21 / 6	20 x 20	21	6	25
946226	VB 22 / 6	20 x 20	22	6	25
946236	VB 23 / 6	20 x 20	23	6	25
946246	VB 24 / 6	20 x 20	24	6	25
946256	VB 25 / 6	20 x 20	25	6	25
946266	VB 26 / 6	20 x 20	26	6	25
946276	VB 27 / 6	20 x 20	27	6	25
946286	VB 28 / 6	20 x 20	28	6	25
946296	VB 29 / 6	20 x 20	29	6	25
946306	VB 30 / 6	20 x 20	30	6	25

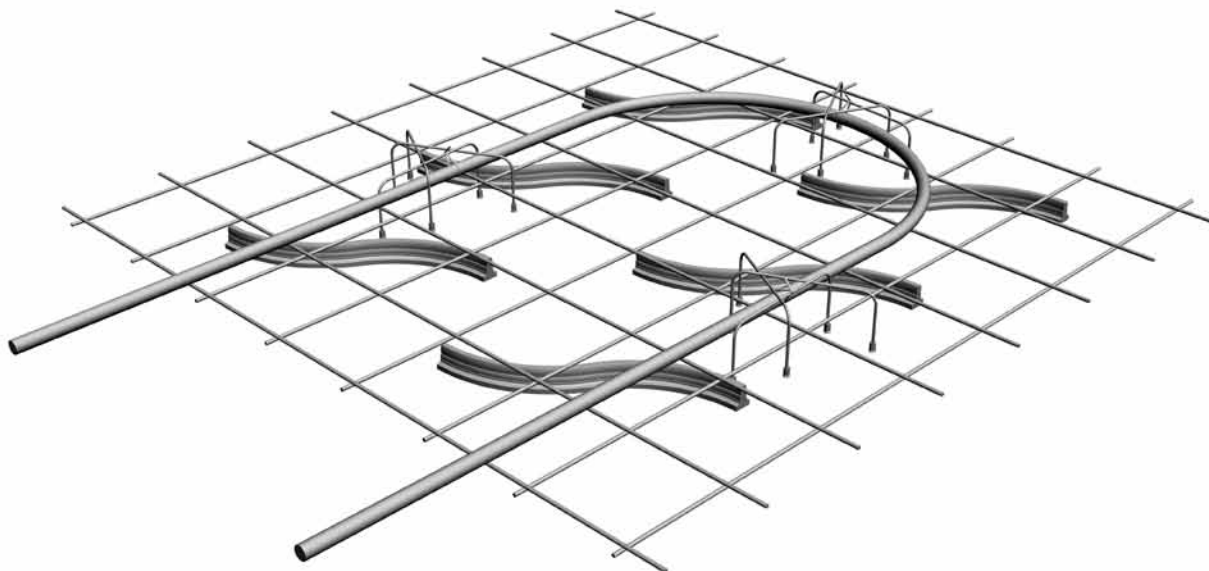




SB Hexapod with plastic feet

- Extremely stable support for the top layer of reinforcement.
- Very high stability owing to multiply overlapping and welded reinforcing brackets.
- Ideally suited for ceilings / floorings with integrated heating or cooling systems.
- Includes push-on feet.
- Non-slip large mat footing.
- Delivery times and prices available upon request.

Article No.	Designation	supported area Ø (cm)	Height (cm)	Steel Ø (mm)	Pcs. / Pack
947056	SB 05 / 6	41	5	6	25
947066	SB 06 / 6	41	6	6	25
947076	SB 07 / 6	41	7	6	25
947086	SB 08 / 6	41	8	6	25
947096	SB 09 / 6	41	9	6	25
947106	SB 10 / 6	41	10	6	25
947116	SB 11 / 6	41	11	6	25
947126	SB 12 / 6	41	12	6	25
947136	SB 13 / 6	41	13	6	25
947146	SB 14 / 6	41	14	6	25
947156	SB 15 / 6	41	15	6	25
947166	SB 16 / 6	41	16	6	25
947176	SB 17 / 6	41	17	6	25
947186	SB 18 / 6	41	18	6	25
947196	SB 19 / 6	41	19	6	25
947206	SB 20 / 6	41	20	6	25
947216	SB 21 / 6	41	21	6	25
947226	SB 22 / 6	41	22	6	25
947236	SB 23 / 6	41	23	6	25
947246	SB 24 / 6	41	24	6	25
947256	SB 25 / 6	41	25	6	25
947266	SB 26 / 6	41	26	6	25
947276	SB 27 / 6	41	27	6	25
947286	SB 28 / 6	41	28	6	25
947296	SB 29 / 6	41	29	6	25
947306	SB 30 / 6	41	30	6	25





SAS Rod spacer bar

- With firmly applied plastic spacer for use in precast factories.
- Made of premium-quality reinforcement steel of 5 mm or 6 mm diameter.
- Standard lengths: 2.16 m; 2.36 m; 2.45 m and 2.96 m.
- Lengths made to specifications: available upon request, up to 3 m long.
- Foot distance: 15 cm or 30 cm.

Designation	Steel Ø (mm)	Concrete cover (mm)	Support height (mm)	Pcs. / Bundle	Bundle / Pallet
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Foot distance: 15cm

SAS 10-15/5/XXX/15	5	10	15	50	50
SAS 15-20/5/XXX/15	5	15	20	50	50
SAS 20-25/5/XXX/15	5	20	25	50	50
SAS 25-30/5/XXX/15	5	25	30	50	50
SAS 30-35/5/XXX/15	5	30	35	50	50

SAS 10-16/6/XXX/15	6	10	16	50	50
SAS 15-21/6/XXX/15	6	15	21	50	50
SAS 20-26/6/XXX/15	6	20	26	50	50
SAS 25-31/6/XXX/15	6	25	31	50	50
SAS 30-36/6/XXX/15	6	30	36	50	50

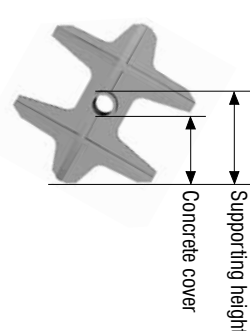
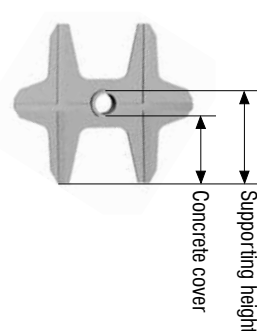
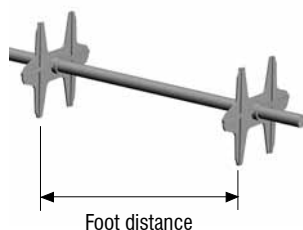
Foot distance: 30cm

SAS 10-15/5/XXX/30	5	10	15	50	50
SAS 15-20/5/XXX/30	5	15	20	50	50
SAS 20-25/5/XXX/30	5	20	25	50	50
SAS 25-30/5/XXX/30	5	25	30	50	50
SAS 30-35/5/XXX/30	5	30	35	50	50

SAS 10-16/6/XXX/30	6	10	16	50	50
SAS 15-21/6/XXX/30	6	15	21	50	50
SAS 20-26/6/XXX/30	6	20	26	50	50
SAS 25-31/6/XXX/30	6	25	31	50	50
SAS 30-36/6/XXX/30	6	30	36	50	50

XXX = length

Approved according to DBV Specification „Abstandhalter“ DBV-c-L1/T/A.





SAS-A Rod spacer bar, slip-on

- Includes firmly pushed-on plastic spacers.
- Use of the transverse reinforcement as spacers.

Designation	Steel Ø (mm)	Concrete cover (mm)	Support Height (mm)	Pcs. / Bundle	Bundle / Pallet
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Foot distance: 30 cm

SAS A 15-21/6/XXX/30	6	15	21	50	36
SAS A 20-26/6/XXX/30	6	20	26	25	36
SAS A 25-31/6/XXX/30	6	25	31	25	36
SAS A 30-36/6/XXX/30	6	30	36	25	30
SAS A 35-41/6/XXX/30	6	35	41	20	30
SAS A 40-46/6/XXX/30	6	40	46	20	30
SAS A 45-51/6/XXX/30	6	45	51	20	30
SAS A 50-56/6/XXX/30	6	50	56	20	20

XXX = length

Test certificate on request.



ROB Robotex spacers for the production of Rod spacers bar

- Sortable spacer for semi-automatic or fully automatic installation on reinforcement steel.
- Little contact surface on the formwork.

Article No.	Designation	Steel Ø (mm)	For SAS	Packaging	Pcs. / Packaging
42156	ROB 6 / 15	6	SAS 15-21/Y/XXX/30	Gridbox	40.000
42206	ROB 6 / 20	6	SAS 20-26/Y/XXX/30	Gridbox	48.000
42256	ROB 6 / 25	6	SAS 25-31/Y/XXX/30	Box	44.800
42306	ROB 6 / 30	6	SAS 30-36/Y/XXX/30	Box	19.200
42356	ROB 6 / 35	6	SAS 35-41/Y/XXX/30	Box	19.200
42158	ROB 6-8 / 15	6-8	SAS 15-21/Y/XXX/30	Gridbox	40.000
42208	ROB 6-8 / 20	6-8	SAS 20-26/Y/XXX/30	Gridbox	48.000
42258	ROB 6-8 / 25	6-8	SAS 25-31/Y/XXX/30	Box	31.200
42308	ROB 6-8 / 30	6-8	SAS 30-36/Y/XXX/30	Box	22.400
42358	ROB 6-8 / 35	6-8	SAS 35-41/Y/XXX/30	Box	22.400
421510	ROB 6-10 / 15	6-10	SAS 15-21/Y/XXX/30	Gridbox	40.000
422010	ROB 6-10 / 20	6-10	SAS 20-26/Y/XXX/30	Gridbox	48.000
422510	ROB 6-10 / 25	6-10	SAS 25-31/Y/XXX/30	Box	31.200
423010	ROB 6-10 / 30	6-10	SAS 30-36/Y/XXX/30	Box	19.200
423510	ROB 6-10 / 35	6-10	SAS 35-41/Y/XXX/30	Box	19.200

Y = steel- Ø, XXX = length

Test certificate on request.



DWD Double-wall dowels

- Plastic dowel for fastening cross arm braces.
- Particularly suitable for double cavity walls.

Article No.	Designation	For Screw	Pcs. / PU
31012	DWD 12	M 12 x 70	250



HPG Threaded retaining plate

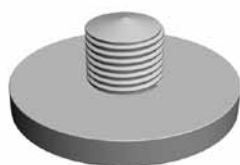
Article No.	Designation	Thread	Height (mm)	Pcs. / Sac	Pcs. / Pallet
34512	HPG M 12	M 12	10	1.000	63.000
34514	HPG M 14	M 14	10	1.000	63.000
34516	HPG M 16	M 16	10	1.000	54.000
34518	HPG M 18	M 18	10	1.000	54.000
34520	HPG M 20	M 20	10	1.000	54.000
34524	HPG M 24	M 24	10	500	36.000



HDK Sleeve dowel with a bonding plate

- Sleeve dowel with a pre-assembled bonding plate. Be sure to observe and follow safety information.

Article No.	Designation	Thread	Length (cm)	Pcs. / PU
3459126	HDK 12 / 6	M 12	5,5	100
3459165	HDK 16 / 5	M 16	5	100
3459207	HDK 20 / 7	M 20	7	100



KTG Threaded bonding plate

- For fastening on the steel formwork by means of glue or double-sided adhesive tape.

Article No.	Designation	Thread	Plate Ø (mm)	Pcs. / PU
345912	KTG 12	M 12	50	500
345916	KTG 16	M 16	50	500
345920	KTG 20	M 20	50	500



DGH DYG socket

- Sleeve with an internal screw thread and including / excluding a nailing fin for the installation of size DG 15 anchor rods.
- Plug as a thread protection.

Article No.	Designation	For Tie rod	Length (cm)	Pcs. / Bag	Pcs. / Sac
311501	DGH 15	15	12	50	200
311500	DGHN 15	15	12	50	200
311502	DGS 15			50	10.000

DWA S Double-wall spacer “Shoe”

- For the production of precast double walls.
- Concrete cover from 15 mm to 35 mm, including water barrier.

Article No.	Designation	Wall thickness (mm)	Steel Ø (mm)	Pcs. / Sac
3208120	DWA S 120-08	120	8	100
3208140	DWA S 140-08	140	8	100
3208150	DWA S 150-08	150	8	100
3208160	DWA S 160-08	160	8	100
3208180	DWA S 180-08	180	8	100
3208200	DWA S 200-08	200	8	100
3208240	DWA S 240-08	240	8	100
3208250	DWA S 250-08	250	8	100
3208300	DWA S 300-08	300	8	50
3208350	DWA S 350-08	350	8	50
3208360	DWA S 360-08	360	8	50
3208365	DWA S 365-08	365	8	50
3208400	DWA S 400-08	400	8	50
3208500	DWA S 500-08	500	8	50
3210120	DWA S 120-10	120	10	100
3210140	DWA S 140-10	140	10	100
3210150	DWA S 150-10	150	10	100
3210160	DWA S 160-10	160	10	100
3210180	DWA S 180-10	180	10	100
3210200	DWA S 200-10	200	10	100
3210240	DWA S 240-10	240	10	100
3210250	DWA S 250-10	250	10	100
3210300	DWA S 300-10	300	10	50
3210350	DWA S 350-10	350	10	50
3210360	DWA S 360-10	360	10	50
3210365	DWA S 365-10	365	10	50
3210400	DWA S 400-10	400	10	50
3210500	DWA S 500-10	500	10	50

DWA K Double-wall spacer “Four-way foot”

- For the production of precast double walls.
- Concrete cover from 15 mm to 30 mm.

Article No.	Designation	Wall thickness (mm)	Steel Ø (mm)	Pcs. / Sac
32908200	DWA K 200-08	200	8	100
32908240	DWA K 240-08	240	8	100
32908250	DWA K 250-08	250	8	100
32908300	DWA K 300-08	300	8	100
32908360	DWA K 360-08	360	8	50
32908400	DWA K 400-08	400	8	50



FSB Ties mat connectors

- Made of spring steel, designed to interconnect rebars.
- Will be supplied and delivered slipped on carton strips.

Article No.	Designation	Clip Steel Ø (mm)	Steel Ø (mm)	Steel Ø (mm)	Pcs. / Box	Pcs. / Pallet
9480816	FSB 8-08 / 1,6	1,6	6- 8	6 - 8	15.000	180.000
9481216	FSB 8-12 / 1,6	1,6	6-10	10-12	10.000	120.000
9481218	FSB 8-12 / 1,8	1,8	6-10	10-12	10.000	120.000
9481618	FSB 8-16 / 1,8	1,8	6-10	14-16	8.000	96.000
9482018	FSB 8-20 / 1,8	1,8	6-10	18-20	8.000	96.000



GS Straightened bars made of reinforcing steel

- Straightened bars made of BSt 500 A according to DIN 488.
- Steel diameter 6 mm - 12 mm.
- Bar lengths from 0,10 - 3,00 m.
- Will be shipped in bundles.
- **Test certificate available upon request.**



TF Centipede

- Rod type spacer made of plastic, with a dot-shaped formwork support.
- Suitable for architectural concrete, suitable for sequential use.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Meter / Bundle	Meter / Pallet
1431	TF 15	15	100	100	5.200
1432	TF 20	20	100	100	5.200
1433	TF 25	25	100	100	4.000
1434	TF 30	30	100	100	3.200
1435	TF 35	35	100	100	2.000
1436	TF 40	40	100	100	2.000
1437	TF 45	45	100	50	1.600
1438	TF 50	50	100	50	1.600
1431200	TF 15 - 200	15	200	200	3.600
1432200	TF 20 - 200	20	200	200	3.600
1433200	TF 25 - 200	25	200	200	3.000
1434200	TF 30 - 200	30	200	200	2.400
1435200	TF 35 - 200	35	200	200	2.400
1436200	TF 40 - 200	40	200	200	1.800
1437200	TF 45 - 200	45	200	100	1.800
1438200	TF 50 - 200	50	200	100	1.500

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.

DST Double rod

- Rod-type spacer made of plastic, with a dot-shaped formwork support.
- Available with a knob spacing of 5 cm or 2.5 cm, or without any knobs.
- Suitable for architectural concrete.
- Standard length: 2.50 m.



Article No.	Designation	Concrete cover (mm)	Length (app. cm)	Meter / Bundle	Meter / Pallet
1441050	DST 15-050	15	50	50	3.600
1442050	DST 20-050	20	50	50	3.600
1443050	DST 25-050	25	50	50	3.000
1444050	DST 30-050	30	50	50	2.400
1445050	DST 35-050	35	50	50	2.400
1446050	DST 40-050	40	50	25	1.800
1447050	DST 45-050	45	50	25	1.800
1448050	DST 50-050	50	50	25	1.500
1441100	DST 15-100	15	100	100	3.600
1442100	DST 20-100	20	100	100	3.600
1443100	DST 25-100	25	100	100	3.000
1444100	DST 30-100	30	100	100	2.400
1445100	DST 35-100	35	100	100	2.400
1446100	DST 40-100	40	100	50	1.800
1447100	DST 45-100	45	100	50	1.800
1448100	DST 50-100	50	100	50	1.500
1441150	DST 15-150	15	150	150	2.700
1442150	DST 20-150	20	150	150	2.700
1443150	DST 25-150	25	150	150	2.250
1444150	DST 30-150	30	150	150	1.800
1445150	DST 35-150	35	150	150	1.800
1446150	DST 40-150	40	150	75	1.350
1447150	DST 45-150	45	150	75	1.350
1448150	DST 50-150	50	150	75	1.125
1441200	DST 15-200	15	200	200	3.600
1442200	DST 20-200	20	200	200	3.600
1443200	DST 25-200	25	200	200	3.000
1444200	DST 30-200	30	200	200	2.400
1445200	DST 35-200	35	200	200	2.400
1446200	DST 40-200	40	200	100	1.800
1447200	DST 45-200	45	200	100	1.800
1448200	DST 50-200	50	200	100	1.500
1441250	DST 15-250	15	250	250	4.500
1442250	DST 20-250	20	250	250	4.500
1443250	DST 25-250	25	250	250	3.750
1444250	DST 30-250	30	250	250	3.000
1445250	DST 35-250	35	250	250	3.000
1446250	DST 40-250	40	250	125	2.250
1447250	DST 45-250	45	250	125	2.250
1448250	DST 50-250	50	250	125	1.875

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



RES Square spacer

Article No.	Designation	Concrete cover (mm)	Pcs. / Bundle	Pcs. / Pallet
39815	RES 15	15	100	7.200
39820	RES 20	20	100	7.200
39825	RES 25	25	100	7.200
39830	RES 30	30	100	7.200
39835	RES 35	35	100	7.200
39840	RES 40	40	100	7.200
39850	RES 50	50	100	7.200

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



RES H Square spacer with hook

Article No.	Designation	Concrete cover (mm)	Pcs. / Bundle	Pcs. / Pallet
398151	RES 15 H	15	100	7.200
398201	RES 20 H	20	100	7.200
398251	RES 25 H	25	100	7.200
398301	RES 30 H	30	100	7.200
398351	RES 35 H	35	100	7.200
398401	RES 40 H	40	100	7.200
398501	RES 50 H	50	100	7.200

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



RES D Double square spacer

Article No.	Designation	Concrete cover (mm)	Pcs. / Bundle	Pcs. / Pallet
39915	RES 15 D	15	75	3.600
39920	RES 20 D	20	75	3.600
39925	RES 25 D	25	75	3.600
39930	RES 30 D	30	75	3.600
39935	RES 35 D	35	75	3.600
39940	RES 40 D	40	75	3.600
39950	RES 50 D	50	75	3.600

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



RES HD Double-hook square spacer

Article No.	Designation	Concrete cover (mm)	Pcs. / Bundle	Pcs. / Pallet
399151	RES 15 HD	15	75	3.600
399201	RES 20 HD	20	75	3.600
399251	RES 25 HD	25	75	3.600
399301	RES 30 HD	30	75	3.600
399351	RES 35 HD	35	75	3.600
399401	RES 40 HD	40	75	3.600
399501	RES 50 HD	50	75	3.600

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



DV Double-V

- Large-area stable spacer made of plastic, for the bottom layer of reinforcement.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Sac	Pcs. / Pallet
3901	DV 15	15	22	400	11.200
3902	DV 20	20	22	350	9.800
3903	DV 25	25	22	300	8.400
3904	DV 30	30	22	250	7.000
3905	DV 35	35	22	230	6.440
3906	DV 40	40	22	200	5.600
3908	DV 45	45	22	200	5.600

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



DVS Double VS

- Large-area supporting spacer made of plastic, for vertical reinforcement with two molded clips to insert the steel. Clip distance 150 mm.

Article No.	Designation	Concrete cover (mm)	Pcs. / Sac	Pcs. / Pallet
1401	DVS 15	15	380	12.160
1402	DVS 20	20	350	11.200
1403	DVS 25	25	320	10.240
1404	DVS 30	30	280	8.960
1405	DVS 35	35	260	8.320
1406	DVS 40	40	200	6.400
1407	DVS 45	45	200	6.400

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



RAS Ring-shaped spacer

- Large-area spacer for the bottom layer of reinforcement, composed of 6 nested rings of a diameter from 19-31 cm.

Article No.	Designation	Concrete cover (mm)	Pcs. / Sac	Pcs. / Pallet
3915	RAS 15	15	300	12.000
3920	RAS 20	20	300	12.000
3925	RAS 25	25	300	12.000
3930	RAS 30	30	300	12.000
3935	RAS 35	35	300	9.000

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



RAS V RAS reinforced

- Especially stable through reinforced design composed of 5 nested rings of a diameter from 17-37 cm.

Article No.	Designation	Concrete cover (mm)	Pcs. / Sac	Pcs. / Pallet
3926	RAS 25 V	25	150	5.400
3931	RAS 30 V	30	150	4.650
3936	RAS 35 V	35	100	3.600
3941	RAS 40 V	40	100	3.000
3951	RAS 50 V	50	100	2.700

Approved according to DBV Specification „Abstandhalter“ DBV-c-F/T/A.



AS Spacer

■ Stable spacer made of plastic.

Article No.	Designation	Concrete cover (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3310	AS 10	10	1.000	12.000	168.000
3315	AS 15	15	1.000	8.000	112.000
3320	AS 20	20	1.000	5.000	70.000
3325	AS 25	25	500	3.000	42.000
3330	AS 30	30	500	3.000	42.000
3340	AS 40	40	250	1.250	17.500
3350	AS 50	50	125	1.000	14.000
3360	AS 60	60	125	1.000	14.000
3370	AS 70	70	100	500	7.000
3380	AS 80	80	50	400	5.600
3300	AS 100	100	50	400	5.600



ASK Spacer with clamp

■ Stable spacer made of plastic, with elastic clamping device.

Article No.	Designation	Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3010	ASK 10	4-16	10	1.000	8.000	144.000
3015	ASK 15	4-16	15	1.000	6.000	108.000
3020	ASK 20	4-16	20	500	4.000	72.000
3025	ASK 25	4-16	25	500	3.500	63.000
3030	ASK 30	4-16	30	250	2.500	45.000
3035	ASK 35	4-16	35	250	1.500	36.000
3040	ASK 40	4-16	40	250	1.250	45.000
3045	ASK 45	4-16	45	125	1.000	20.000
3050	ASK 50	4-16	50	125	1.000	20.000



ASKS Spacer with clamp "Standard"

■ Stable spacer made of plastic, with elastic clamping device.

Article No.	Designation	Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
38815	ASKS 15	4 - 20	15	1.000	6.000	108.000
38820	ASKS 20	4 - 20	20	500	4.000	72.000
38825	ASKS 25	4 - 20	25	500	3.500	63.000
38830	ASKS 30	4 - 20	30	250	2.500	45.000
38835	ASKS 35	4 - 20	35	250	1.500	36.000
38840	ASKS 40	4 - 20	40	250	1.250	30.000
38850	ASKS 50	4 - 20	50	125	1.000	20.000



ASKG Spacer with clamp “Gigant”

- Particularly stable spacer with a large clamping range.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag
388820	ASKG 20	8-24	20	500
388825	ASKG 25	8-24	25	500
388830	ASKG 30	8-24	30	500
388835	ASKG 35	8-24	35	250
388840	ASKG 40	8-24	40	250
388850	ASKG 50	8-24	50	250



ASKM Spacer with clamp “Maxi”

- Stable spacer designed for use with medium to heavy reinforcement.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag
388915	ASKM 15	8-25	15	1.000
388920	ASKM 20	8-25	20	1.000
388925	ASKM 25	8-25	25	1.000
388930	ASKM 30	8-25	30	500
388935	ASKM 35	8-25	35	500
388940	ASKM 40	8-25	40	500
388950	ASKM 50	8-25	50	500
388975	ASKM 75	8-25	75	250
388900	ASKM 100	8-25	100	250



ASKP Spacer with clamp “Plate”

- Comes with a large installation surface for use on soft subsoil.
- Includes elastic clamping device.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3815	ASKP 15	4 - 16	15	500	3.000	42.000
3820	ASKP 20	4 - 16	20	500	3.000	42.000
3825	ASKP 25	4 - 16	25	500	2.500	35.000
3830	ASKP 30	4 - 16	30	500	2.500	35.000
3835	ASKP 35	4 - 16	35	250	2.000	28.000



T (f) Tower with flat legs

- Extremely stable and sturdy clip spacer.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag	Pcs. / Pallet
30201	T 20/6-20 F	6 - 20	20	500	39.000
30251	T 25/6-20 F	6 - 20	25	500	36.000
30301	T 30/6-20 F	6 - 20	30	500	36.000
30351	T 35/6-20 F	6 - 20	35	500	34.000
30401	T 40/6-20 F	6 - 20	40	400	25.600
30501	T 50/6-20 F	6 - 20	50	375	24.000



T (s) Tower with pointed legs

- Extremely stable and sturdy clip spacer.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag	Pcs. / Pallet
30203	T 20/6-20 S	6 - 20	20	500	39.000
30253	T 25/6-20 S	6 - 20	25	500	36.000
30303	T 30/6-20 S	6 - 20	30	500	36.000
30353	T 35/6-20 S	6 - 20	35	500	34.000
30403	T 40/6-20 S	6 - 20	40	400	25.600
30503	T 50/6-20 S	6 - 20	50	375	24.000



TMP Tower with plate

- With a large installation surface for use on soft subsoil.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Sac	Pcs. / Pallet
381520	TMP 15 - 20	8 - 16	15 + 20	500	16.000
382530	TMP 25 - 30	8 - 16	25 + 30	400	12.800
384050	TMP 40 - 50 K	6 - 16	40 + 50	200	16.000
385060	TMP 50 - 60 K	6 - 16	50 + 60	200	13.600
387080	TMP 70 - 80	8 - 16	70 + 80	200	7.200
389000	TMP 90 - 100	8 - 16	90 + 100	100	6.400

381520 and 382530 not stackable!



ADVANTAGE

Optimized handling owing to the EXTE „Optipack“.

Example:
288.000 Pcs. TMP 40/50 K
will fit into a 40-foot container.





UNI Universal spacer

■ Spacer with a large clamping range for different steel diameters.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
4015	UNI 4-10/15	4-10	15	1.000	5.000	100.000
4020	UNI 4-12/20	4-12	20	500	4.000	72.000
4025	UNI 4-12/25	4-12	25	500	2.500	45.000
4030	UNI 4-12/30	4-12	30	250	1.500	30.000
4035	UNI 4-12/35	4-12	35	200	1.000	18.000
4040	UNI 5-14/40	5-14	40	125	750	13.500
4050	UNI 8-14/50	8-14	50	100	500	9.000
4120	UNI 6-20/20	6-20	20	250	2.000	40.000
4125	UNI 6-20/25	6-20	25	250	1.000	36.000
4130	UNI 6-20/30	6-20	30	125	1.000	20.000
4135	UNI 6-20/35	6-20	35	125	1.000	16.000
4140	UNI 6-20/40	6-20	40	125	500	14.000
4150	UNI 6-20/50	6-20	50	50	500	8.000
4160	UNI 12-20/60	12-20	60		250	6.500
4175	UNI 12-20/75	12-20	75		250	4.500



KAS Clamp spacer

■ Spacer with a defined clamping range for different steel diameters.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
4210	KAS 6/10	4-6	10	1.000	10.000	140.000
4215	KAS 6/15	4-6	15	500	7.500	105.000
4220	KAS 6/20	4-6	20	500	5.000	70.000
4225	KAS 6/25	4-6	25	500	3.000	42.000
4410	KAS 8/10	6-8	10	1.000	10.000	140.000
4415	KAS 8/15	6-8	15	500	5.000	70.000
4420	KAS 8/20	6-8	20	500	4.000	56.000
4425	KAS 8/25	6-8	25	500	3.000	42.000
4430	KAS 8/30	6-8	30	250	1.500	21.000
4435	KAS 8/35	6-8	35	200	1.000	14.000
4440	KAS 8/40	6-8	40	200	800	11.200
4615	KAS 12/15	10-12	15	500	4.000	56.000
4620	KAS 12/20	10-12	20	500	3.500	49.000
4625	KAS 12/25	10-12	25	500	2.500	35.000
4635	KAS 12/35	10-12	35	200	1.000	14.000
4640	KAS 12/40	10-12	40	100	800	11.200
4650	KAS 12/50	10-12	50	100	300	4.200
4915	KAS 18/15	14-18	15	500	3.000	42.000
4920	KAS 18/20	14-18	20	500	2.500	35.000
4925	KAS 18/25	14-18	25	500	2.000	28.000
4930	KAS 18/30	14-18	30	200	1.000	14.000
4940	KAS 18/40	14-18	40	100	600	8.400
4950	KAS 18/50	14-18	50	100	300	4.200



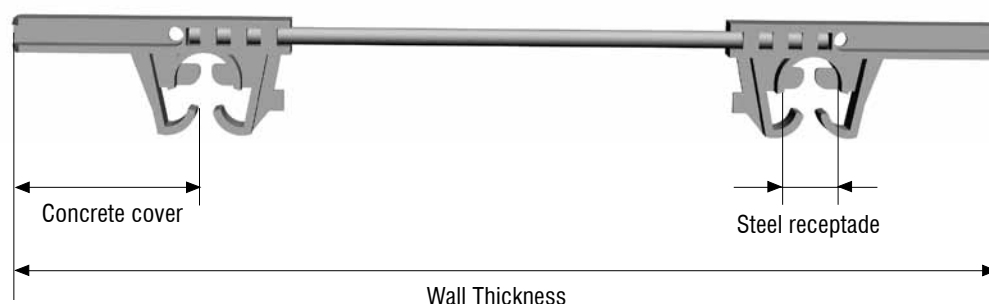
DUO Wall spacer

- Keeps the cover to formwork, reinforcement layers to each other and the wall thickness.
- For rebars of up to 10 mm.
- 100 pcs. packed in a bag.

Example for ordering:

For a wall thickness of 240 mm and a concrete cover of 20 mm on each side, the item you want is DUO 240/20, and the purchase order code is 24020.

concrete cover Wall thickness	15 mm	20 mm	25 mm	30 mm	35 mm	40 mm
150 mm	15015	15020	15025	15030	15035	15040
200 mm	20015	20020	20025	20030	20035	20040
240 mm	24015	24020	24025	24030	24035	24040
250 mm	25015	25020	25025	25030	25035	25040
300 mm	30015	30020	30025	30030	30035	30040
350 mm	35015	35020	35025	35030	35035	35040
365 mm	36515	36520	36525	36530	36535	36540
400 mm	40015	40020	40025	40030	40035	40040



PGR Pile Cage Roller

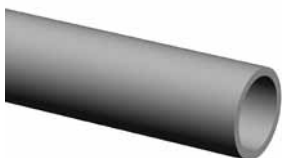
- Extremely stable spacer for pile foundation reinforcement cages.

Article No.	Designation	For Steel Ø (mm)	Concrete cover (mm)	Pcs. / Sac	Pcs. / Pallet
42950	PGR 50 / 6-20 mm	6-20	50	200	4.000
42975	PGR 75 / 6-20 mm	6-20	75	100	1.500



RSR Tube spacer with a roughened surface

Article No.	Designation	Length (cm)	For steel Ø (mm)	Meter / Bundle	Meter / Pallet
2555	RSR 15,5/25	200	14	30	
2524	RSR 20 /24	200	18	50	2.450
2520	RSR 20 /26	200	18	50	2.450
2225	RSR 22 /25	200	20	100	2.500
2626	RSR 22 /26	200	20	100	2.500
2522	RSR 22 /28	200	20	50	2.450
2528	RSR 26 /32	200	24	50	1.500
2532	RSR 32 /38	200	30	50	1.500
25261	RSR 22 /26 PE	200	20	100	2.500



RS Tube spacer with a smooth surface

Article No.	Designation	Length (cm)	For steel Ø (mm)	Meter / Bundle	Meter / Pallet
2142	RS 14/19	200	12	100	
2204	RS 20/24	200	18	50	2.450
2202	RS 20/26	200	18	50	2.450
2226	RS 22/26	200	20	100	2.500
2222	RS 22/28	200	20	50	2.450
2262	RS 26/32	200	24	50	1.500
2302	RS 30/36	200	28	50	1.500
2326	RS 32/36	200	30	50	1.500
2322	RS 32/38	200	30	50	1.500
2342	RS 34/40	200	32	30	600
2402	RS 40/46	200	38	30	600



SS Star Spacer

Article No.	Designation	Length (cm)	For steel Ø (mm)	Meter / Bundle	Meter / Pallet
1102	SS 10	200	8	100	4.900
1112	SS 11	200	10	100	4.900
1132	SS 13	200	12	100	3.000
1202	SS 20	200	18	50	1.750
1262	SS 26	200	24	30	900
1322	SS 32	200	30	30	900



RH Tube

Article No.	Designation	Length (cm)	Inside diameter Ø (mm)	Meter / Bundle	Meter / Pallet
2783	RH 30	200	26	50	1.500
2785	RH 40	200	36	50	1.000
2786	RH 45	200	41	50	1.000
2787	RH 59	200	54	30	600
2788	RH 65	200	60	20	400
2789	RH 79	200	74	20	400
2790	RH 100	200	95	20	240



SKF Complete pipe spacer

- Finished and assembled formwork spacer made of a roughened tube spacer 22/26 with supporting cones SK 22 (blue) on both sides.
- The cones do not stay in the concrete.
- The openings are sealed with sealing plugs and plugs, the cavity produced plastered up.
This will provide best protection against water and sound.
- Special lengths from 15 cm to 45 cm available.

Article No.	Designation	For wall thickness (mm)	Pcs. / Sac	Pcs. / Pallet
3520	SKF 22/20	200	150	6.000
3524	SKF 22/24	240	150	6.000
3525	SKF 22/25	250	100	4.000
3530	SKF 22/30	300	100	4.000
3537	SKF 22/36,5	365	100	4.000

SK Supporting cone

- Supporting cone for the self-assembly of wall braces.

Article No.	Designation	Height (mm)	Suitable f. spacer	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3214	SK 14	10	RS 14	1.000	5.000	
3220	SK 20	10	RS 20/ SS 20	500	4.000	64.000
3222	SK 22/10	10	RS 22	500	3.000	54.000
322215	SK 22/15	15	RS 22	500	2.500	45.000
322230	SK 22/30	30	RS 22	250	1.000	14.000
322250	SK 22/50	50	RS 22	250		10.000
3226	SK 26	10	RS 26, SS 26	250	1.500	
3232	SK 32	10	RS 32, SS 32	250	2.500	
3216	SKS	Cone wrench for SK Supporting cone				

GK Threaded support cone

- Threaded supporting cone; cone 30 mm high.

Article No.	Designation	Height (mm)	Suitable f. spacer	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3201	GK 22	30	RS 22, 22/26	250	1.500	21.000
3202	GKS	Cone wrench for GK 22 Threaded support cone				



RKF Complete pipe spacer

- Finished and assembled formwork spacer made of a roughened pipe spacer 22/26 with RK 26 groove cap installed on both sides.
- The caps remain in the concrete and are sealed with the RST plug.

Article No.	Designation	For wall thickness (mm)	Pcs. / Sac	Pcs. / Pallet
3570	RKF 22/20	200	150	4.500
3574	RKF 22/24	240	150	4.500
3575	RKF 22/25	250	100	3.000
3580	RKF 22/30	300	100	3.000
3587	RKF 22/36,5	365	100	3.000



RK Groove cap

- To plug onto the pipe spacer.

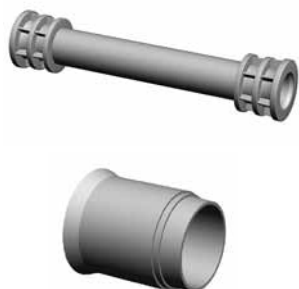
Article No.	Designation	Height (mm)	Suitable for spacer	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3203	RK 26	20	RS / RSR 20 u. 22 / 26	250	2.500	40.000



RST Groove plug

- Matches the RK 26 groove cap.

Article No.	Designation	Suitable for spacer	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3204	RST	RK 26	500	5.000	70.000



FSK Complete pipe spacer "Compact"

- Made of polyethylene, one-piece, complete including two plugs.

Article No.	Designation	For wall thickness (mm)	Pcs. / Sac	Pcs. / Pallet
352150	FSK 150	150	100	2.400
352180	FSK 180	180	100	2.400
352200	FSK 200	200	100	2.400
352240	FSK 240	240	100	2.400
352250	FSK 250	250	100	2.400
352300	FSK 300	300	100	2.400
352350	FSK 350	350	100	1.500
352365	FSK 365	365	100	1.500
352400	FSK 400	400	100	1.500

Test Certificate on request.



ST Plug

■ Plug for sealing the brace ends.

Article No.	Designation	Suitable f. spacer	Pcs. / Bag	Pcs. / Sac
3107	ST 7	SS 7	1.000	
3109	ST 9	SS 9	1.000	
3110	ST 10	SS 10, RS 10	1.000	
3111	ST 11	SS 11	1.000	
3113	ST 13	SS 13	1.000	
3114	ST 14	RS 14	1.000	
3116	ST 16	RSR 15,5/25	1.000	10.000
3118	ST 18	RS 18	1.000	10.000
3120	ST 20	SS 20, RS 20	1.000	10.000
3122	ST 22	RS 22	1.000	10.000
3126	ST 26	SS 26, RS 26	500	5.000
3130	ST 30	RS 30	500	5.000
3132	ST 32	SS 32, RS 32	500	
3134	ST 34	RS 34	500	



DS Sealing plug

■ Plug made of elastic soft PVC for best sealing.

Article No.	Designation	Suitable f. Spacer	Pcs. / Bag	Pcs. / Sac
3161	DS 20	SS 20, RS 20	500	2.500
3162	DS 22	RS 22	500	2.500
3163	DS 26	SS 26, RS 26	250	1.000
3164	DS 32	SS 32, RS 32	125	

3200 **EDS** driving aid for all DS types

Important: The driving aid will be needed to place the DS in the relevant tube!



EST Vent plug

■ Plug with holes for bleeding air when the brace is being grouted.

Article No.	Designation	Suitable f. Spacer	Pcs. / Bag
31221	EST 22	RS 22	1.000



SA Formwork stop

- To fix the formwork boards in place in the wall bottom.
- Diameter 48mm.

Article No.	Designation	Height (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3710	SA	30	100	500	6.000



SAN Formwork stop including nail

- With an inserted nail for fastest installation.
- Also suitable with commercially available cartridge tool.

Article No.	Designation	Height (mm)	Pcs. / Box	Pcs. / Pallet
37101	SAN	30	100	7.000



SL Linear formwork stop

- Made of stable plastic, for adjusting the formwork on the lower level.
- Includes nail holes in a spacing of approximately 10 cm.

Article No.	Designation	Length (cm)	Width x Height (mm)	Meter / Bundle	Meter / Pallet
1985	SL 50/30	200	50 x 30	20	2.000



SST Formwork plug

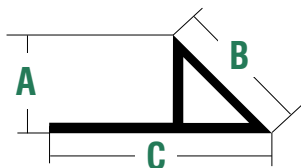
- To seal holes in the formwork.

Article No.	Designation	Suitable for hole Ø (mm)	Length (app. mm)	Pcs. / Bag	Pcs. / Box	Pcs. / Pallet
312025	SST 20 - 25	20 - 25	20	500	4.000	32.000
312225	SST 22 - 25	22 - 25	40	500	5.000	50.000

EL Chamfer

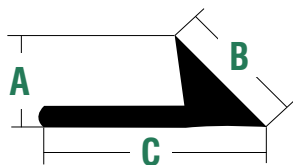
- Made of high-impact resistant material with or without nail flange for chamfering, especially for square columns and girders, but also for decoration of large-size architectural concrete components.
- For fixing provided with nail holes at distance of 10-15 cm.
- Concrete surface = B; A, B and C: tolerance range +/- 1.5 mm.

Chamfer with nail flange (hollow section)



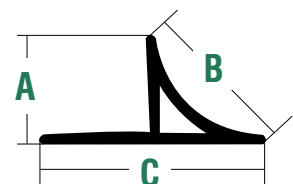
Article No.	Designation	Length (cm)	Size (mm)			Meter / Bundle	Meter / Pallet
			A	B	C		
1711	EL 110	250	11	15,5	26	100	5.400
1715	EL 115	250	15	21,2	32	100	5.500
1720	EL 120	250	20	28,3	37	100	4.500
1725	EL 125	250	25	36,1	46	50	2.450
1730	EL 130	250	30	42,4	53	50	1.800

Chamfer with nail flange (solid section)



Article No.	Designation	Length (cm)	Size (mm)			Meter / Bundle	Meter / Pallet
			A	B	C		
1706	EL 106 - S	250	6,5	9,0	20,5	100	6.000
1791	EL 110 - S	250	10,0	14,2	27,0	100	5.600
1795	EL 115 - S	250	15,0	21,2	31,0	50	2.750

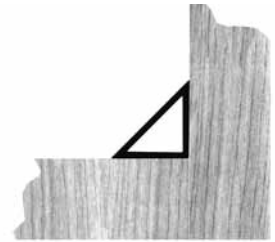
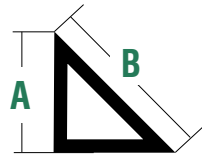
Chamfer rounded with nail flange (hollow section)



Article No.	Designation	Length (cm)	Size (mm)			Meter / Bundle	Meter / Pallet
			A	B	C		
1799	RUL 120	250	20	30	41	100	4.000



Chamfer without nail flange (hollow section)

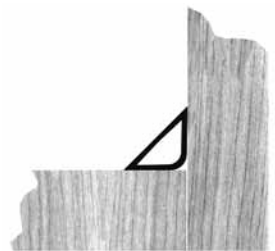
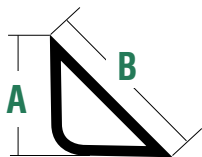


Article No.	Designation	Length (cm)	Size (mm)		Meter / Bundle	Meter / Pallet
			A	B		
1705	EL 6-S	250	6,5	9,2	100	5.000
1710	EL 11	250	11,0	15,5	100	9.000
1713	EL 15	250	15,0	21,2	100	5.600
1718	EL 20	250	20,0	28,3	100	5.500
1724	EL 25	250	25,0	35,4	100	2.700
1729	EL 30	250	30,0	42,4	50	2.450



Chamfer rounded, without nail flange, rounded edge

- Chamfer 15 and 20 round, rounded edge for better adjustment of formwork angles.



Article No.	Designation	Length (cm)	Size (mm)		Meter / Bundle	Meter / Pallet
			A	B		
1714	EL 15 rund	250	15	21,2	100	10.400
1719	EL 20 rund	250	20	28,3	100	5.000

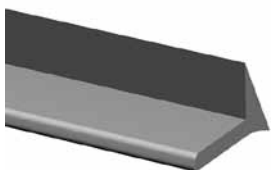


Chamfer of PE (polyethylene)

- Specially suitable for use with pneumatic nail gun.
- Chamfers are free of heavy metals and halogen. Can be easily disposed off and develop no noxious substances in thermal recycling (observe local regulations).

PE chamfers are:

- Flexible and bendable.
- Highly impact resistant even at low temperatures.
- Have a red color to recognize the material.



Article No.	Designation	Length (cm)	Size (mm)			Meter / Bundle	Meter / Pallet
			A	B	C		
17101	EL 11 PE/rot	250	11	15,5		100	9.000
17131	EL 15 PE/rot	250	15	21,2		100	5.600
17901	EL 110-S PE/rot	250	10	14,2	27	100	5.000
17951	EL 115-S PE/rot	250	15	21,2	32	50	2.750

RL Rain strip

- Made of high-impact resistant material, nailable.
- RL 1, 2 and 12 remain in the concrete to provide clean edges.
- RL 16 and RL 22 can be removed and reused.



Article No.	Designation	Length (cm)	Groove with approx. (mm)	Meter / Bundle
1801	RL 1	250	15	100
1812	RL 12	250	21	100
1802	RL 2	250	15	100
1816	RL 16	250	16	100
1822	RL 22	250	21	100

TP T-section

- Cover strip made of plastic.

Article No.	Designation	Length (cm)	Width (mm)	Height (mm)	Meter / Bundle
1820	TP 20 - 20	250	20	20	100
1840	TP 40 - 20	250	40	20	100

HP H-section

- Connecting strip made of plastic, for insulating boards.

Article No.	Designation	Length (cm)	For insulation boards (mm)	Meter / Bundle
1818	HP 18	250	up to 18	50
1823	HP 23	250	up to 23	50



AP Drip section

- Section to make weather drips and for breaking edges.

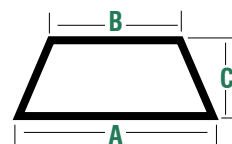


Article No.	Designation	Length (cm)	Size (mm) A	Size (mm) B	Size (mm) C	Meter / Bundle
1830	AP 55 / 16	200	12	55	16	40
1832	AP 45 / 10	200	10	45	10	40
1834	AP 31 / 12	200	10	31	12	40

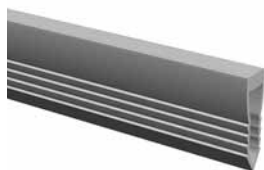


TPP Trapezoidal section

- Section of trapezoidal shape to form contraction or dummy joints.

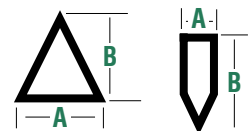


Article No.	Designation	Length (cm)	Size (mm) A	Size (mm) B	Size (mm) C	Meter / Bundle
18920	TPP 20/10/10	250	20	10	10	100
18930	TPP 30/20/15	250	30	20	15	100
18940	TPP 40/20/10	250	40	20	10	100



FTP Crack inducer

- Joint section to make construction joints, contraction or dummy joints, nominal crack joints respectively.



Article No.	Designation	Length (cm)	Size (mm) A	Size (mm) B	Meter / Bundle	Meter / Pallet
1887080	FTP 70 80	250	70	80		435
1883040	FTP 30 40	250	30	40	7,50	630
1881035	FTP 10 35	250	10	35	62,50	2.500



DSD Insulation nail

- Excluding nail pin, made of highly impact resistant plastic, for hard insulating materials.
- 8 mm bore, plate diameter 50 mm.
- Suitable for concrete, solid brick and gypsum.

Article No.	Designation	Dowel Ø (mm)	Length (mm)	For insulation thickness (mm)	Pcs. / Box
3747	DSD 8 x 100	8	100	50 - 60	250
3748	DSD 8 x 120	8	120	70 - 80	250



IPD Insulating board dowel

- Including pin, also suited for use on subsoil of low bearing capacity.
- 10 mm bore, 50 mm plate diameter.
- Suitable for concrete, natural stone, solid brick and many other construction materials of medium to high strength.

Article No.	Designation	Dowel Ø mm	Length (mm)	For insulation thickness (mm)	Pcs. / Box
3751	IPD 10 x 90	10	90	50 - 60	250
3752	IPD 10 x 110	10	110	70 - 80	250
3753	IPD 10 x 130	10	130	90 - 100	250
3754	IPD 10 x 150	10	150	100 - 120	250

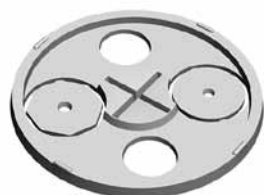
Other lengths available on request.



PN Plastic nail

- To fasten insulating boards.

Article No.	Designation	Length (mm)	For board thickness (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3741	PN 60	60	up to 20	1.000	8.000	112.000
3742	PN 75	75	up to 25	1.000	6.000	84.000
3743	PN 100	100	from 25	500	3.500	49.000
3744	PN 125	125	from 50	500	2.500	35.000
3745	PN 150	150	from 75		500	18.000
3759	PN 200	200	from 125		300	10.800



KP Claw plate including integral drip disk

- For air space anchors to fasten insulation to masonry.

Article No.	Designation	Diameter (mm)	Pcs. / Bag	Pcs. / Sac
3760	KP 60	60	250	3.000

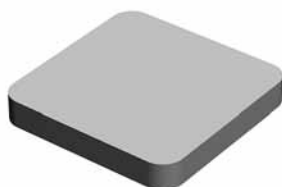


MPO Shim pad “Optimal”

- Any height combinable from merely two sizes at any time.
- Fast installation through straightforward connection of the plates.
- No shifting or getting out of place of the plates. Low stock-keeping level.
- Available either separately in a bag, or as an assembly kit.
- The MPO is designed as a installation aid; put weight on the full surface; no permanent load.

Article No.	Designation	Colour	Size (mm)	Thickness (mm)	Pcs. / Bag
34024	MPO 2	white	70 x 70	2	250
34034	MPO 3	black	70 x 70	3	250
34004	MPO BS		70 x 70	2 + 3	5

Kit set of each 50 pieces MPO 2 and 50 pieces MPO 3.



MP Shim pad

- MP is designed as a installation aid; put weight on the full surface; no permanent load.

Article No.	Designation	Size (mm)	Size (mm)	Pcs. / Bag	Pcs. / Pallet
3402	MP 2	70 x 70	2	250	45.000
3403	MP 3	70 x 70	3	250	45.000
3405	MP 5	70 x 70	5	125	20.000
3407	MP 7	70 x 70	7	125	20.000
3408	MP 8	70 x 70	8	125	20.000
3409	MP 9	70 x 70	9	125	20.000
3410	MP 10	70 x 70	10	125	20.000
3415	MP 15	70 x 70	15	50	10.000
3420	MP 20	70 x 70	20	50	10.000



MPS Shim pad with slot

- Same as MP, but with a slot 22 mm wide for adjustment.

Article No.	Designation	Size (mm)	Thickness (mm)	Pcs. / Bag	Pcs. / Pallet
34021	MPS 2	70x70	2	250	45.000
34031	MPS 3	70x70	3	250	45.000
34051	MPS 5	70x70	5	125	20.000
34071	MPS 7	70x70	7	125	20.000
34091	MPS 9	70x70	9	125	20.000
34101	MPS 10	70x70	10	125	20.000



MPL Shim pad with holes

Article No.	Designation	Size (mm)	Thickness (mm)	Pcs. / Bag	Pcs. / Pallet
34022	MPL 2	50 x 80	2	250	15.000
34032	MPL 3	50 x 80	3	250	15.000
34052	MPL 5	50 x 80	5	125	15.000
34102	MPL 10	50 x 80	10	125	10.000
34202	MPL 20	50 x 80	20	125	5.000



SKV Protective cap "Variable"

- Protective cap, signal color orange.
- Will prevent injuries from projecting rebars.

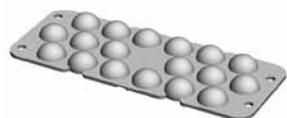
Article No.	Designation	For Steel Ø (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3276	SKV 8 - 16	8 - 16	250	2.500	30.000
3277	SKV 16 - 30	16 - 30	100		10.000



SKA Protective cap

- Safety protective cap including mushroom-shaped head in signal color.
- For protection against projecting rebar ends.

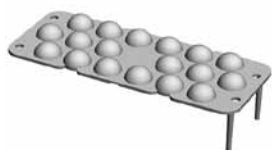
Article No.	Designation	For Steel Ø (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3270	SKA 8-16	8-16	125	750	12.000
3275	SKA 16-32	16-32	125	500	8.000



SPN Panel pads with knobs

- Extremely stable stacking plate with knobs, also suitable for larger loads.

Article No.	Designation	Size (mm)	Pcs. / Bag
3440	SPN	150 x 60	200



SPH Panel pads with hooks

- Extremely stable stacking plate with knobs and hooks 44 mm long.
- Can thus also be fastened to structural elements in an angled condition.

Article No.	Designation	Size (mm)	Pcs. / Bag
3441	SPH	150 x 60	200



TW Corner guards

- Sturdy bracket for edge protection for the handling or transportation of precast components.
- Including slot for belts, slings or straps up to 10 cm wide. Stackable, economically packed.

Article No.	Designation	Size (mm)	Pcs. / Bag
3445	TW	135 x 135 x 85	150



NF Nob foil

- For use for foundation wall protection and in the refurbishment of old buildings.
- Made of polyethylene, high density, harmless to drinking water, rot-proof and water-insoluble.
- For use in the granular sub-base for concrete slabs.
- Field rivets will be supplied and delivered with each roll in adequate quantity.

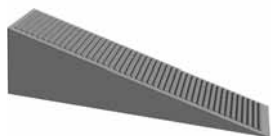
Article No.	Designation	Web width (cm)	Roll length (m)	Roll / Pallet	m ² Foil / Pallet
9701	NF 50	50	20	48	480
9702	NF 100	100	20	24	480
9703	NF 150	150	20	12	360
9704	NF 200	200	20	12	480
9706	NF 250	250	20	15	750



PL Paving slab supports

- Stilts bearing for the laying of concrete slabs.
- Diameter 150 mm.
- Partable.

Article No.	Designation	Height (mm)	Pcs. / Box	Pcs. / Pallet
3722	PL 15	15	340	5.440



KK Plastic wedge

- Mounting wedge made of plastic.
- Corrugated, nonslip.
- Able to withstand high stresses.

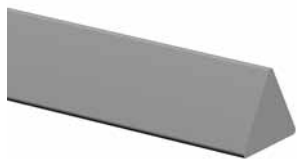
Article No.	Designation	Length (mm)	Width (mm)	Height (mm)	Pcs. / Sac	Pcs. / Pallet
37901	KK 1	75	30	10	500	25.000
37902	KK 2	110	40	20	250	12.500
37903	KK 3	110	40	40	200	10.000



SMG Corrugated expanded metal

- Corrugated expanded metal made of galvanized sheet steel.
- For construction joints in concrete engineering.

Article No.	Designation	Thickness (mm)	Rip height (app. mm)	Rip spacing (app. mm)	Plate size (mm)	Pallet (m ²)
93042	SMG 0,40 / 2	0,40	21	89	445 x 2.000	356
93043	SMG 0,40 / 3	0,40	21	89	445 x 3.000	267



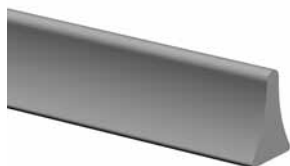
BD Concrete triangular bar

- Triangular solid section made of fiber reinforced concrete.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
98120	BD 20	20	100	1.500
98125	BD 25	25	100	1.000
98130	BD 30	30	100	750
98135	BD 35	35	100	600
98140	BD 40	40	100	400
98150	BD 50	50	100	250
98160	BD 60	60	100	250

Other lengths and concrete covers available on request.

Approved according to DBV Specification „Abstandhalter“ DBV-c-L2.



BDK Concrete triangular bar – concave

- Triangular section of concave shape, made of fiber reinforced concrete.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
981030	BDK 30	30	100	1.000
981035	BDK 35	35	100	750
981040	BDK 40	40	100	600
981045	BDK 45	45	100	500
981050	BDK 50	50	100	400
981055	BDK 55	55	100	300
981060	BDK 60	60	100	250

Other lengths and concrete covers available on request.



BTP Concrete T-Section

- T-section made of fiber reinforced concrete.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
988325	BTP 25	25	100	1.500
988330	BTP 30	30	100	1.000
988335	BTP 35	35	100	750
988340	BTP 40	40	100	600
988345	BTP 45	45	100	500
988350	BTP 50	50	100	400
988355	BTP 55	55	100	300
988360	BTP 60	60	100	250

Other lengths and concrete covers available on request.



BV Concrete square

■ Square section made of fiber reinforced concrete.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
98820	BV 20 x 20	20	100	1.000
98825	BV 25 x 25	25	100	700
98830	BV 30 x 30	30	100	500
98835	BV 35 x 35	35	100	400
98840	BV 40 x 40	40	100	250
98845	BV 45 x 45	45	100	250
98850	BV 50 x 50	50	100	200
98855	BV 55 x 55	55	100	150
98860	BV 60 x 60	60	100	125
98870	BV 70 x 70	70	100	100
98875	BV 75 x 75	75	100	100
9883040	BV 30 x 40	30 + 40	100	400
9884050	BV 40 x 50	40 + 50	100	250



BVH Concrete square H-section

■ H-section made of fiber reinforced concrete.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
98822510	BVH 25	25	100	1.000
98823010	BVH 30	30	100	800
98823510	BVH 35	35	100	600
98824010	BVH 40	40	100	400
98824510	BVH 45	45	100	350
98825010	BVH 50	50	100	250
98825510	BVH 55	55	100	200
98826010	BVH 60	60	100	150
98827010	BVH 70	70	100	125



BRS Concrete round bar

■ Round bar made of fiber reinforced concrete.

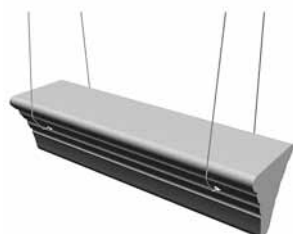
Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
98520	BRS 20	20	100	1.500
98525	BRS 25	25	100	1.000
98530	BRS 30	30	100	750
98535	BRS 35	35	100	500
98540	BRS 40	40	100	400



BDH Concrete triangular section with hook

■ Triangular section with hook. Other lengths available upon request.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Box	Pcs. / Pallet
9822018	BDH 20-18	20	18	250	10.000
9822518	BDH 25-18	25	18	125	5.000
9823018	BDH 30-18	30	18	125	5.000
9823518	BDH 35-18	35	18	100	4.000
9824018	BDH 40-18	40	18	100	4.000
9824518	BDH 45-18	45	18	80	3.200
9825018	BDH 50-18	50	18	50	2.000
9825518	BDH 55-18	55	18	50	2.000
9826018	BDH 60-18	60	18	50	2.000



BDD Concrete triangular section with two tying wires

■ Triangular section with two galvanized wires for fastening to vertical reinforcement.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Box	Pcs. / Pallet
98283330	BDD 30 - 33	30	33	75	2.700
98283335	BDD 35 - 33	35	33	55	2.200
98283340	BDD 40 - 33	40	33	45	1.800
98283350	BDD 50 - 33	50	33	40	1.280



BB Concrete arch

■ Triangular section of arch shape made of fiber reinforced concrete.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Box	Pcs. / Pallet
98302533	BB 25 - 33	25	33	80	3.200
98303033	BB 30 - 33	30	33	65	2.600
98303533	BB 35 - 33	35	33	60	2.400
98304033	BB 40 - 33	40	33	40	1.600
98304533	BB 45 - 33	45	33	40	1.600
98305033	BB 50 - 33	50	33	25	1.000
98306033	BB 60 - 33	60	33	25	750



BBN Concrete arch including knobs

■ Triangular section made of fiber reinforced concrete, of arch shape and including knobs.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Box	Pcs. / Pallet
98402533	BBN 25 - 33	25	33	80	3.200
98403033	BBN 30 - 33	30	33	65	2.600
98403533	BBN 35 - 33	35	33	60	2.400
98404033	BBN 40 - 33	40	33	40	1.600
98404533	BBN 45 - 33	45	33	40	1.600
98405033	BBN 50 - 33	50	33	25	1.000
98406033	BBN 60 - 33	60	33	25	750



BS Concrete snake

- Triangular section made of fiber reinforced concrete snake-shaped.
- Snake shape will prevent the spacer from tilting.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
9832080	BS 20 - 80	20	80	2.000
9832580	BS 25 - 80	25	80	1.750
9833080	BS 30 - 80	30	80	1.500
9833580	BS 35 - 80	35	80	1.250
9834080	BS 40 - 80	40	80	1.000
9834580	BS 45 - 80	45	80	750
9835080	BS 50 - 80	50	80	600
9835580	BS 55 - 80	55	80	500
9836080	BS 60 - 80	60	80	500

Other lengths and concrete covers available on request.

Approved according to DBV Specification „Abstandhalter“ DBV-c-L2.



BSN Concrete snake with knobs

- Triangular section made of fiber reinforced concrete, snake shaped.
- Includes formed knobs for defined formwork support.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
9842080	BSN 20 - 80	20	80	2.000
9842580	BSN 25 - 80	25	80	1.750
9843080	BSN 30 - 80	30	80	1.500
9843580	BSN 35 - 80	35	80	1.250
9844080	BSN 40 - 80	40	80	1.000
9844580	BSN 45 - 80	45	80	750
9845080	BSN 50 - 80	50	80	600
9845580	BSN 55 - 80	55	80	500
9846080	BSN 60 - 80	60	80	500

Other lengths and concrete covers available on request.

Approved according to DBV Specification „Abstandhalter“ DBV-c-L2.



BTPS T-section snake

- T-section snake shaped.

Article No.	Designation	Concrete cover (mm)	Length (cm)	Pcs. / Pallet
988925	BTPS 25	25	100	1.500
988930	BTPS 30	30	100	1.000
988935	BTPS 35	35	100	750
988940	BTPS 40	40	100	600
988945	BTPS 45	45	100	500
988950	BTPS 50	50	100	400
988955	BTPS 55	55	100	300
988960	BTPS 60	60	100	250

Other lengths and concrete covers available on request.

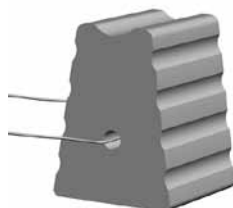


BA Concrete spacer

- Stable stand-alone spacer made of fiber reinforced concrete, for horizontal reinforcement, including perforation for threading in a fixing wire.

Article No.	Designation	Concrete cover (mm)	Width (mm)	Pcs. / Sac	Pcs. / Pallet
98620	BA 20	20	20	1.000	50.000
98625	BA 25	25	20	1.000	40.000
98630	BA 30	30	22	500	20.000
98635	BA 35	35	22	500	20.000
98640	BA 40	40	25	500	20.000
98645	BA 45	45	25	250	10.000
98650	BA 50	50	28	250	10.000
98655	BA 55	55	28	200	8.000
98660	BA 60	60	28	200	8.000
98670	BA 70	70	32	150	6.000
98675	BA 75	75	32	125	5.000
98690	BA 90	90	32	75	3.000

Test certificate on request.



BAD Concrete spacer including wire

- Stable stand-alone spacer made of fiber reinforced concrete, for horizontal reinforcement, includes galvanized fixing wire.

Article No.	Designation	Concrete cover (mm)	Width (mm)	Pcs. / Sac	Pcs. / Pallet
986120	BAD 20	20	20	1.000	50.000
986125	BAD 25	25	20	1.000	40.000
986130	BAD 30	30	22	500	20.000
986135	BAD 35	35	22	500	20.000
986140	BAD 40	40	25	500	20.000
986145	BAD 45	45	25	250	10.000
986150	BAD 50	50	28	250	10.000
986155	BAD 55	55	28	200	8.000
986160	BAD 60	60	28	200	8.000
986170	BAD 70	70	32	150	6.000
986175	BAD 75	75	32	125	5.000
986190	BAD 90	90	32	75	3.000

Test certificate on request.



BAÖ Concrete spacer with eye wire

- Stable stand-alone spacer including galvanized eyelet suspension wire.

Article No.	Designation	Concrete cover (mm)	Width (mm)	Pcs. / Sac	Pcs. / Pallet
986020	BAÖ 20	20	35	500	20.000
986025	BAÖ 25	25	35	400	16.000
986030	BAÖ 30	30	35	250	12.500
986035	BAÖ 35	35	35	250	10.000
986040	BAÖ 40	40	40	200	8.000
986045	BAÖ 45	45	40	150	6.000
986050	BAÖ 50	50	45	150	6.000

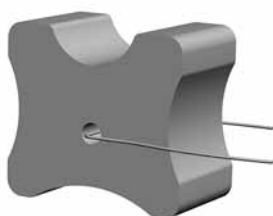


BK Concrete bone spacer

- Stand-alone spacer made of fiber reinforced concrete, for several concrete covers, including perforation for threading in a fixing wire.

Article No.	Designation	Concrete cover (mm)	Width (mm)	Pcs. / Sac	Pcs. / Pallet
98720	BK 20 - 30	20+25+30	20	500	30.000
98735	BK 35 - 50	35+40+50	24	250	10.000
98745	BK 45 - 60	45+55+60	24	125	5.000
987451	BK 45 + 55	45+55	24	150	6.000

Approved according to DBV Specification „Abstandhalter“ DBV-c-L2.



BKD Concrete bone spacer including wire

- Same as above, but including fully mounted fixing wire.

Article No.	Designation	Concrete cover (mm)	Width (mm)	Pcs. / Sac	Pcs. / Pallet
987120	BKD 20 - 30	20+25+30	20	500	25.000
987135	BKD 35 - 50	35+40+50	24	250	10.000
987145	BKD 45 - 60	45+55+60	24	125	5.000
9871451	BKD 45 + 55	45 + 55	24	150	6.000

Approved according to DBV Specification „Abstandhalter“ DBV-c-L2.



KA Cap

- For sealing braces or fiber reinforced pipes.

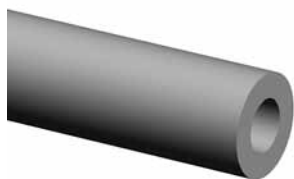
Article No.	Designation	Suitable for spacer (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3250	KA	22	250	5.000	70.000



KU Coupling

- For connecting braces or fiber reinforced pipes.

Article No.	Designation	Suitable for spacer (mm)	Pcs. / Bag	Pcs. / Sac	Pcs. / Pallet
3251	KU	22	250	2.500	35.000



BR Concrete pipe

- Pipe brace made of fiber reinforced concrete.

Article No.	Designation	Inside Ø (mm)	Length (cm)	Meter / Pallet
98922	BR 22 - 125	22	125	500

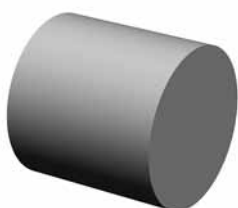
Other length available on request.

BR fix Concrete pipe in short lengths

- Pipe brace made of fiber reinforced concrete.

Article No.	Designation	For wall Thickness (mm)	Pcs. / Box	Pcs. / Pallet
9892220	BR 22 - 20	200	60	1.920
9892224	BR 22 - 24	240	50	2.000
9892225	BR 22 - 25	250	50	2.000
9892230	BR 22 - 30	300	40	1.280
9892236	BR 22 - 36	360	40	1.280

Other length available on request.



BST Concrete plug

- Plug made of fiber reinforced concrete, for sealing concrete pipes.

Article No.	Designation	Diameter (mm)	Length (mm)	Pcs. / Sac	Pcs. / Pallet
989996	BR ST 22 - 20	22	20	1.000	60.000

Other length available on request.



BF Concrete fixation

- Concrete adhesive with two components based on epoxy resin.
- Be sure to observe and follow the instructions provided in the safety data sheet!

Article No.	Designation	kg / Tin	Tin / Box
9899971	BFA - Glue Component A	1	6 (3 x Comp. A + 3 x Comp. B)
9899981	BFB - Hardener Component B	1	6 (3 x Comp. A + 3 x Comp. B)

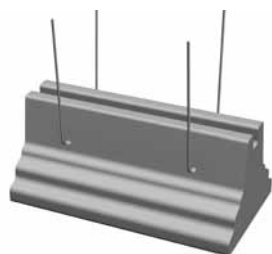
Special Spacers



BDDNV Concrete tunnel spacer with two wires

- Stable spacer made of fiber reinforced concrete, for use on floor level.
- Includes two pcs. of 1.2 mm black wires.

Article No.	Designation	Concrete cover (mm)	Length (mm)	Pcs. / Pallet
9828996025	BDDNV 60-25 / 1,2	60	250	800



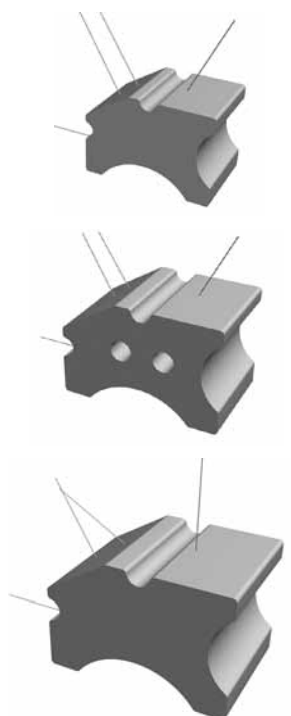
BTA B Concrete tunnel spacer including two wires

- Stable spacer made of fiber reinforced concrete, for use on floor level.
- Includes centrally arranged groove for insertion of the rebars and two pcs. of 1.4 mm black wires.

Article No.	Designation	Concrete cover (mm)	Length (mm)	Pcs. / Pallet
98799501	BTA 50 B 2D	50	100	1.000
98799601	BTA 60 B 2D	60	100	1.000

With glued tissow flow as a protection for the tunnel foil.

98799502	BTA 50 B 2D F	50	100	1.000
98799602	BTA 60 B 2D F	60	100	1.000



BTA D Concrete tunnel spacer including two wires

- Stable spacer made of fiber reinforced concrete, for use on ceilings.
- Includes two pcs. of 1.2 mm black wires.

Article No.	Designation	Concrete cover (mm)	Pcs. / Pallet
98790609	BTA 60 / 90 A 2D	60 / 90	1.400
98790812	BTA 80 / 120 B 2D	80 / 120	600
98791116	BTA 110 / 160 C 2D	110 / 160	300

Other customized shapes of stand-alone or large-area spacers made of fiber reinforced concrete or plastic are available upon request.



BAH H-shaped spacer made of fiber concrete

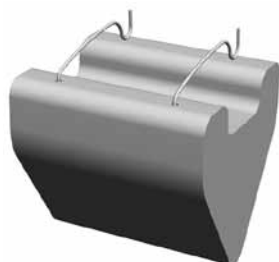
■ For use as fireproof reinforcement.

Article No.	Designation	Concrete cover (mm)	Width (mm)	Pcs. / Sac	Pcs. / Pallet
98699145	BAH 45	45	25	250	10.000
98699150	BAH 50	50	25	200	8.000



BD2 LK Spacer made of fiber concrete including fillet and two longitudinal clamps

Article No.	Designation	Concrete cover (mm)	Width (mm)	Hollow throat (mm)	Pcs. / Sac	Pcs. / Pallet
98699220	BD2LK 20	20	30	10	250	8.000
98699225	BD2LK 25	25	30	10	200	8.000
98699230	BD2LK 30	30	30	10	200	8.000
98699235	BD2LK 35	35	30	10	200	8.000
98699240	BD2LK 40	40	30	10	200	8.000
98699245	BD2LK 45	45	30	10	150	6.000
98699250	BD2LK 50	50	30	10	150	6.000



BD2 QK Spacer made of reinforced concrete including fillet and two transverse clamps

Article No.	Designation	Concrete cover (mm)	Width (mm)	Hollow throat (mm)	Pcs. / Sac	Pcs. / Pallet
98699320	BD2QK 20	20	40	10	200	6.000
98699325	BD2QK 25	25	40	10	150	6.000
98699330	BD2QK 30	30	40	10	150	6.000
98699335	BD2QK 35	35	40	10	150	6.000
98699340	BD2QK 40	40	40	10	150	6.000
98699345	BD2QK 45	45	40	10	150	6.000
98699350	BD2QK 50	50	40	10	125	5.000



BAR Roll spacer made of fiber reinforced concrete

■ Spacer for routing reinforcement cages along the formwork.

Article No.	Designation	Concrete cover (mm)	Width (mm)	Inside Ø / Outside Ø (mm)	Pcs. / Sac	Pcs. / Pallet
9869935	BAR 35 / 25	35	25	13 / 83	75	3.000
9869945	BAR 45 / 25	45	25	13 / 103	50	2.050
9869950	BAR 50 / 30	50	30	13 / 113	40	1.600
9869955	BAR 55 / 30	55	30	13 / 123	30	1.200



GBADK Poured concrete spacer including double clamp

- Stable fair-faced concrete spacer including double plastic clamp.
- For use in wall or ceiling reinforcement.
- Includes half-round contact face with three to four feet for little contact with the formwork.

Article No.	Designation	Concrete cover (mm)	Pcs. / Sac	Pcs. / Pallet
986203	GBADK 20 / 1	20	250	12.500
986253	GBADK 25 / 1	25	250	12.500
986303	GBADK 30 / 1	30	250	10.000
986353	GBADK 35 / 1	35	250	8.750
986403	GBADK 40 / 1	40	250	8.000
986202	GBADK 20 / 3	20	300	18.000
986252	GBADK 25 / 3	25	300	18.000
986302	GBADK 30 / 3	30	250	13.750
986352	GBADK 35 / 3	35	250	11.250
986402	GBADK 40 / 3	40	250	10.000
986452	GBADK 45 / 3	45	250	10.000
986502	GBADK 50 / 3	50	200	8.000
986552	GBADK 55 / 3	55	200	8.000
986602	GBADK 60 / 3	60	200	7.000
986201	GBADK 20 / 4	20	300	18.000
986251	GBADK 25 / 4	25	300	18.000
986301	GBADK 30 / 4	30	250	13.750
986351	GBADK 35 / 4	35	250	11.250
986401	GBADK 40 / 4	40	250	10.000
986501	GBADK 50 / 4	50	200	8.000

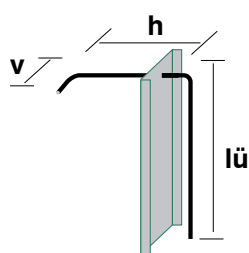
GBAFÖ Poured concrete spacer including eyelet suspension wire

- Stable fair-faced concrete spacer including eyelet suspension wire.
- For use in wall or ceiling reinforcement.
- Conical shape with flat contact face for enhanced stability.

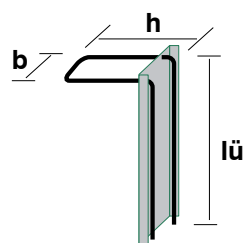
Article No.	Designation	Concrete cover (mm)	Pcs. / Sac	Pcs. / Pallet
9869115	GBAFÖ 15	15	250	15.000
9869120	GBAFÖ 20	20	250	11.250
9869125	GBAFÖ 25	25	250	11.250
9869130	GBAFÖ 30	30	250	8.750
9869135	GBAFÖ 35	35	250	7.500
9869140	GBAFÖ 40	40	200	6.000
9869145	GBAFÖ 45	45	200	6.000
9869150	GBAFÖ 50	50	200	6.000
9869155	GBAFÖ 55	55	125	3.125
9869160	GBAFÖ 60	60	100	5.000
9869170	GBAFÖ 70	70	80	4.000
9869180	GBAFÖ 80	80	60	3.000



Height of the Box with cover:
Ø 8 mm = app. 30 mm
Ø 10 mm = app. 37 mm
Ø 12 mm = app. 48 mm



Typ "A"



Typ "B"

BWA Reinforcement Continuity-System

- Use of constructional reinforcement steel able to be bent back and up again according to DIN 488.
- Bending roll diameter according to Norm 6 ds.
- Anchoring lengths and bending radii according to the DBV-Merkblatt "Rückbiegen" instruction sheet.
- Tested according to DBV Merkblatt "Rückbiegen" instruction sheet.
- Type approved according to DIN 1045; DAfStb No.525; DBV Merkblatt instruction sheet.
- The following steel diameters are available upon request: 6 mm, 14 mm, and 16 mm.

Article No.	Designation	Steel Ø (mm)	Stirrup distance (mm)	Stirrup Height h (mm)	Stirrup dimension v (mm)	Box width (mm)	Pallet (m)
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Single row / Standard Type Stirrup Form = Typ „A“

0810	BWA 08 / 10	8	100	150	70	55	250
0815	BWA 08 / 15	8	150	150	70	55	250
0820	BWA 08 / 20	8	200	150	70	55	250
0825	BWA 08 / 25	8	250	150	70	55	250

10100	BWA 10 / 10	10	100	170	70	55	200
1015	BWA 10 / 15	10	150	170	70	55	250
1020	BWA 10 / 20	10	200	170	70	55	250
1025	BWA 10 / 25	10	250	170	70	55	250

1210	BWA 12 / 10	12	100	170	90	75	150
1215	BWA 12 / 15	12	150	170	90	75	200
1220	BWA 12 / 20	12	200	170	90	75	200
1225	BWA 12 / 25	12	250	170	90	75	200

Article No.	Designation	Stirrup width b (mm)	Steel Ø (mm)	Stirrup distance (mm)	Stirrup Height h (mm)	Box width (mm)	Pallet (m)
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Double row / Standard Type Stirrup Form = Typ „B“

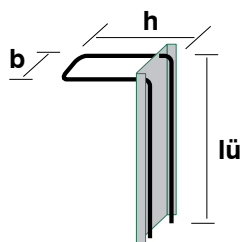
060810	BWA 06/08-10	60	8	100	150	90	200
060815	BWA 06/08-15	60	8	150	150	90	200
060820	BWA 06/08-20	60	8	200	150	90	200
060825	BWA 06/08-25	60	8	250	150	90	200

061010	BWA 06/10-10	60	10	100	170	90	200
061015	BWA 06/10-15	60	10	150	170	90	200
061020	BWA 06/10-20	60	10	200	170	90	200
061025	BWA 06/10-25	60	10	250	170	90	200

090810	BWA 09/08-10	90	8	100	150	120	150
090815	BWA 09/08-15	90	8	150	150	120	150
090820	BWA 09/08-20	90	8	200	150	120	150
090825	BWA 09/08-25	90	8	250	150	120	150

091010	BWA 09/10-10	90	10	100	170	120	150
091015	BWA 09/10-15	90	10	150	170	120	150
091020	BWA 09/10-20	90	10	200	170	120	150
091025	BWA 09/10-25	90	10	250	170	120	150

091210	BWA 09/12-10	90	12	100	170	120	150
091215	BWA 09/12-15	90	12	150	170	120	150
091220	BWA 09/12-20	90	12	200	170	120	150
091225	BWA 09/12-25	90	12	250	170	120	150

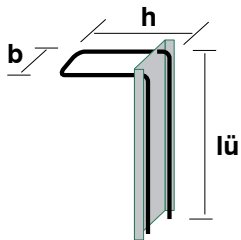


Typ "B"

Article No.	Designation	Stirrup width b (mm)	Steel Ø (mm)	Stirrup distance (mm)	Stirrup Height h (mm)	Box width (mm)	Pallet (m)
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Double row / Standard Type Stirrup Form = Typ „B“

120810	BWA 12/08-10	120	8	100	150	150	150
120815	BWA 12/08-15	120	8	150	150	150	150
120820	BWA 12/08-20	120	8	200	150	150	150
120825	BWA 12/08-25	120	8	250	150	150	150
121010	BWA 12/10-10	120	10	100	170	150	150
121015	BWA 12/10-15	120	10	150	170	150	150
121020	BWA 12/10-20	120	10	200	170	150	150
121025	BWA 12/10-25	120	10	250	170	150	150
121210	BWA 12/12-10	120	12	100	170	150	125
121215	BWA 12/12-15	120	12	150	170	150	125
121220	BWA 12/12-20	120	12	200	170	150	125
121225	BWA 12/12-25	120	12	250	170	150	125
140810	BWA 14/08-10	140	8	100	150	170	125
140815	BWA 14/08-15	140	8	150	150	170	125
140820	BWA 14/08-20	140	8	200	150	170	125
140825	BWA 14/08-25	140	8	250	150	170	125
141010	BWA 14/10-10	140	10	100	170	170	125
141015	BWA 14/10-15	140	10	150	170	170	125
141020	BWA 14/10-20	140	10	200	170	170	125
141025	BWA 14/10-25	140	10	250	170	170	125
141210	BWA 14/12-10	140	12	100	170	170	125
141215	BWA 14/12-15	140	12	150	170	170	125
141220	BWA 14/12-20	140	12	200	170	170	125
141225	BWA 14/12-25	140	12	250	170	170	125
160810	BWA 16/08-10	160	8	100	150	190	125
160815	BWA 16/08-15	160	8	150	150	190	125
160820	BWA 16/08-20	160	8	200	150	190	125
160825	BWA 16/08-25	160	8	250	150	190	125
161010	BWA 16/10-10	160	10	100	170	190	125
161015	BWA 16/10-15	160	10	150	170	190	125
161020	BWA 16/10-20	160	10	200	170	190	125
161025	BWA 16/10-25	160	10	250	170	190	125
161210	BWA 16/12-10	160	12	100	170	190	125
161215	BWA 16/12-15	160	12	150	170	190	125
161220	BWA 16/12-20	160	12	200	170	190	125
161225	BWA 16/12-25	160	12	250	170	190	125
180810	BWA 18/08-10	180	8	100	150	210	80
180815	BWA 18/08-15	180	8	150	150	210	80
180820	BWA 18/08-20	180	8	200	150	210	80
180825	BWA 18/08-25	180	8	250	150	210	80
181010	BWA 18/10-10	180	10	100	170	210	80
181015	BWA 18/10-15	180	10	150	170	210	80
181020	BWA 18/10-20	180	10	200	170	210	80
181025	BWA 18/10-25	180	10	250	170	210	80
181210	BWA 18/12-10	180	12	100	170	210	80
181215	BWA 18/12-15	180	12	150	170	210	80
181220	BWA 18/12-20	180	12	200	170	210	80
181225	BWA 18/12-25	180	12	250	170	210	80



Typ "B"

Article No.	Designation	Stirrup width b (mm)	Steel Ø (mm)	Stirrup distance (mm)	Stirrup Height h (mm)	Box width (mm)	Pallet (m)
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Double row / Standard Type Stirrup Form = Typ „B“

210810	BWA 21/08-10	210	8	100	150	240	80
210815	BWA 21/08-15	210	8	150	150	240	80
210820	BWA 21/08-20	210	8	200	150	240	80
210825	BWA 21/08-25	210	8	250	150	240	80
211010	BWA 21/10-10	210	10	100	170	240	80
211015	BWA 21/10-15	210	10	150	170	240	80
211020	BWA 21/10-20	210	10	200	170	240	80
211025	BWA 21/10-25	210	10	250	170	240	80
211210	BWA 21/12-10	210	12	100	170	240	80
211215	BWA 21/12-15	210	12	150	170	240	80
211220	BWA 21/12-20	210	12	200	170	240	80
211225	BWA 21/12-25	210	12	250	170	240	80

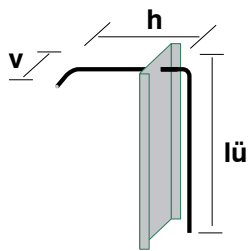
All BWA available in storage box completely made of galvanized steel sheet, or alternatively with a colored plastic cover.



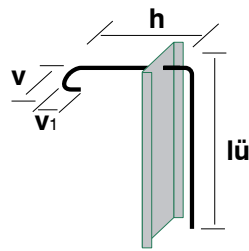
Benefits of the plastic cover include:

- low weight,
- facilitates stripping, and
- very low risk of injury.

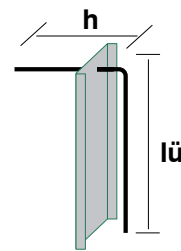
Overview Types of Stirrup Form



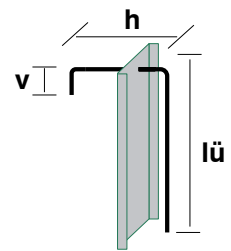
Typ "A"



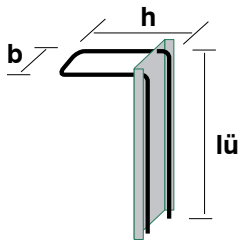
Typ "C"



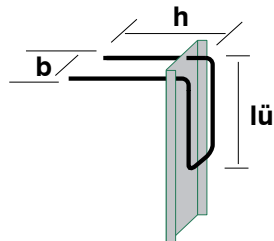
Typ "D"



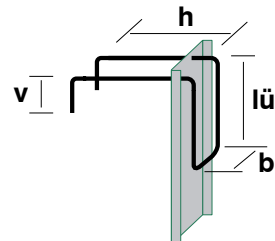
Typ "I"



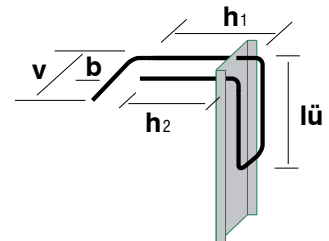
Typ "B"



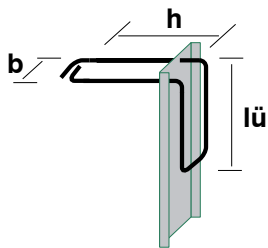
Typ "E"



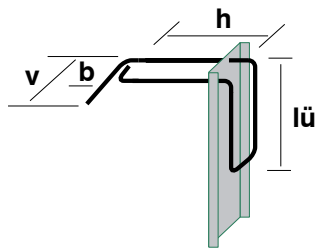
Typ "H"



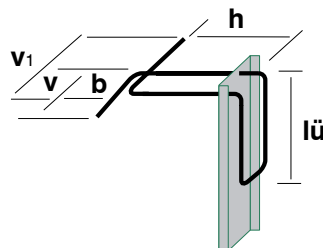
Typ "F"



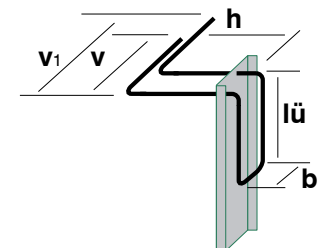
Typ "G"



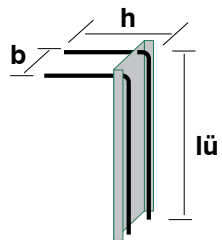
Typ "L"



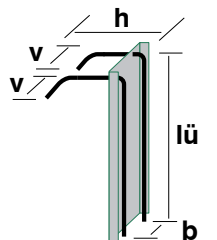
Typ "O"



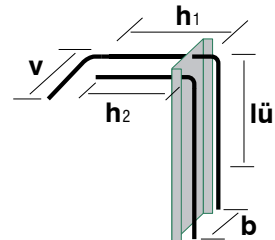
Typ "K"



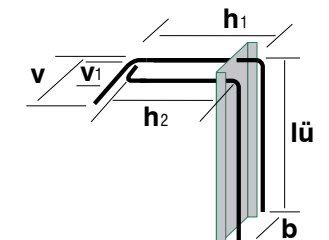
Typ "DD"



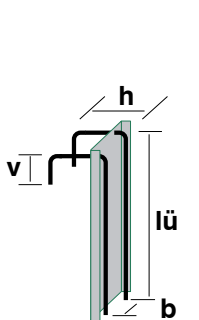
Typ "AA"



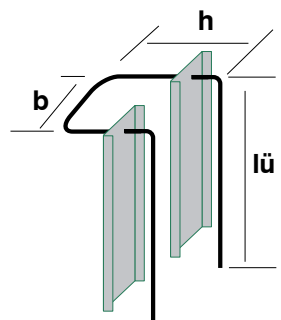
Typ "AD"



Typ "A A1"



Typ "II"



Typ "M"

BWA standard type, single row = type "A"
BWA standard type, double row = type "B"

To inquire for custom designs, please use the
"BWA – Sonderanfertigungen" (custom designs) blank form
available at www.exte.de, or call us at +49 (0)34721 – 4010.



RM Roll mesh

- The light-weight and quick alternative to mesh reinforcement in prestressing plants.
- **Facilitates work** – easy unwinding eliminates the need of lifting the heavy mesh on to formwork table in precast manufacturing yards.
- Substantial savings in cost and time – requires minimum staff because of easy rolling.
- **Saves space** - Exte Optipack minimizes storage area compared to conventional mesh.
- **Safe application** and calculation because of exact steel lengths and precise rod spacing.
- **Flexible manufacture** of different steel lengths and rod spacing.
- **Rust protection** – Pallets packed in plastic film.
- Reinforcement steel also available according to **other standards**.

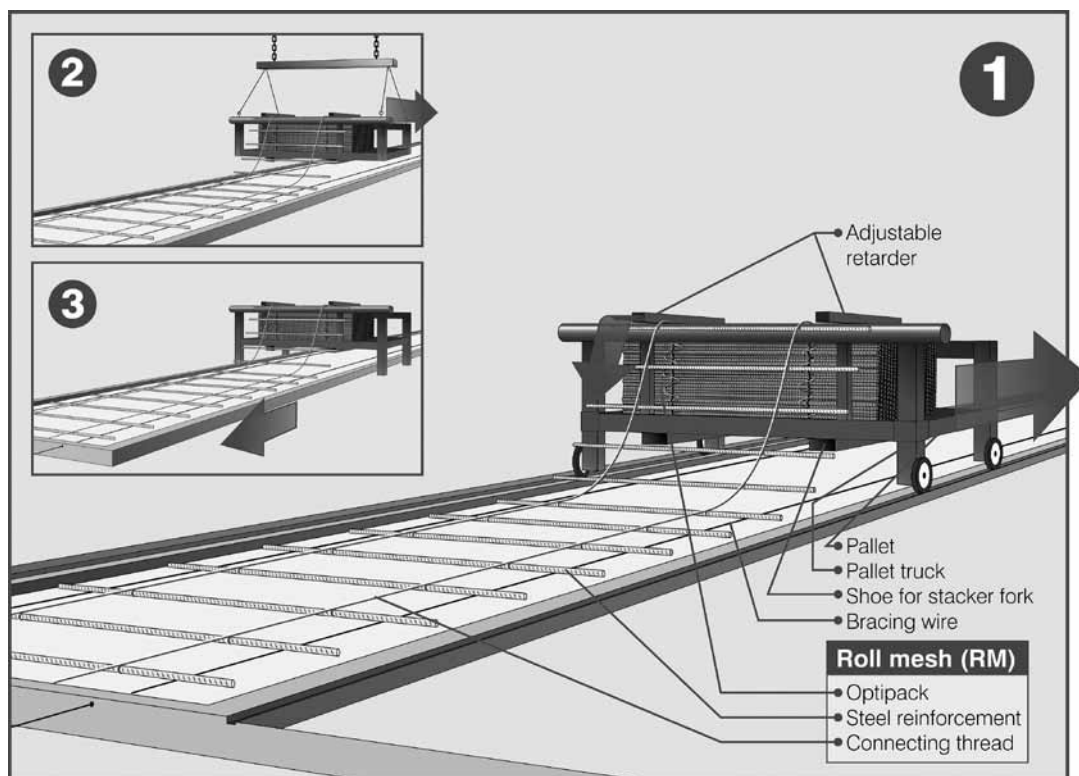
Designation	Steel-Ø (mm)	rod length (cm)	rod distance (cm)	rod connection
RM	5,5 6 6,5 7	80 - 300	7,5 - 30	Available with 2 to 4 threads per rod depending on rod length.

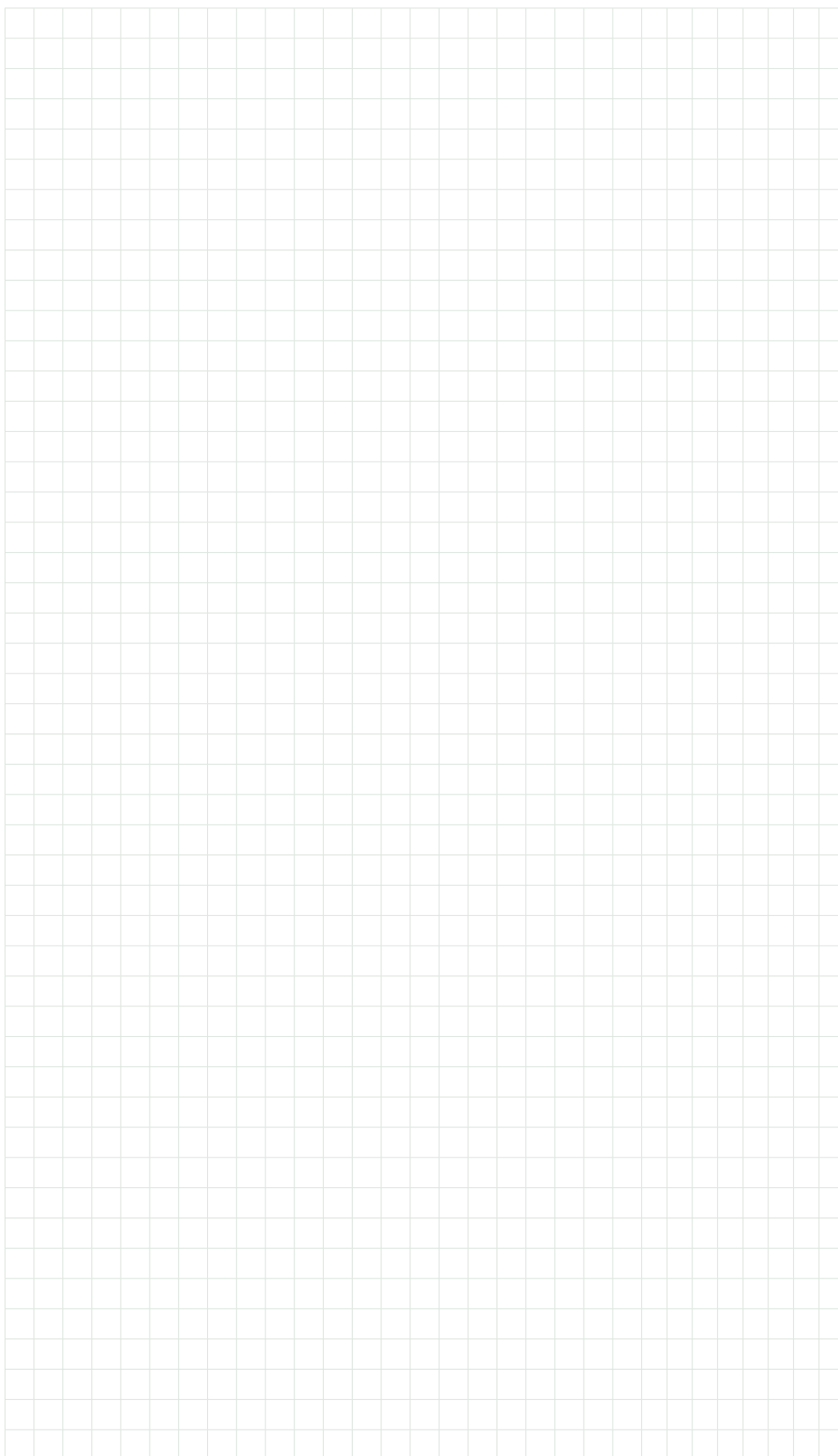
Pallet content:

2,000 rods - max. 1 to. per pallet (depending on rod spacing sufficient to reinforce 600 running meter of formwork)

APPLICATION TYPES

- 1 RM-pallet on rail carriages
- 2 RM-pallet on crane
- 3 RM-pallet placed on bridge







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