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# **BATOBETON** **Building the future**

**FIBRECONCRETE AND PLASTIC SPACER**

[www.batotrade.com](http://www.batotrade.com)







# BATOBETON

## Leader in the production of spacers and extras for reinforced concrete

10 years of quality, professionalism and fairness make us a model company on the European market in the sector.

We are a constantly growing company, future-oriented and attentive to the needs of our customers.

The secrets of our success:

— All our products and machines are

designed, developed, and manufactured by our staff and design team in our own laboratory and in-house workshop.

— We produce special items and packaging on request in the shortest possible time.

— Customer protection: we only work with wholesalers. This avoids market overlaps.





“Large enough to cope,  
small enough to care.”

We have the production and technological capabilities to cope with every need, but we do not overlook the details: individual customer care remains our primary goal. Our products, offered to distributors

internationally, combine high quality and fair prices. A wide range of items are available that are designed to comply with the latest international regulations and standards regarding strength, distance (coverage), mix design, etc.







# It's a matter of quality

- \_ Quality products
- \_ Quality-controlled raw materials
- \_ Customer friendly
- \_ Logistics for our customers
- \_ Teamwork
- \_ Green recycling company
- \_ Digital industry
- \_ In-house workshop
- \_ In-house research and development
- \_ Continuous focus on automation and processes

# Certified company









# Extruded fibre concrete spacers

Spacers play an essential role in reinforced concrete construction, providing precise and reliable positioning of the reinforcement and ensuring protection and durability.

Our spacers are made of extruded fibre concrete that is optimally compatible with the concrete of the structure.

The longevity of the structure depends on the right concrete cover, which guarantees its durability and protection.

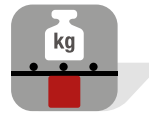
Quality concrete structures require BATOBETON fibre cement spacers.



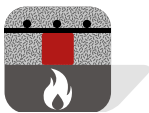
Optimal adhesion with cement. Cracks between the spacer and the concrete are avoided.



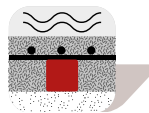
Excellent resistance to chemical corrosion.



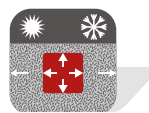
High tipping stability and resistance to compression.



Fire resistant with respect to the reference standard EN 13501 - 1: 2002 - classe A1



Absolute compatibility with waterproof concrete.



No change in the dimensional tolerances even with larger temperature fluctuations.



Quick and easy installation.



Production of special spacers on customer request in various shapes and sizes, with agreed, short production times.





## EQUILATERAL TRIANGLE

SPACERS MADE OF EXTRUDED FIBER CONCRETE WITH TRIANGULAR SECTION

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| D10020                | 20             | 1300              | 0,83                  | 1100                   |
| D10025                | 25             | 1000              | 0,96                  | 975                    |
| D10030                | 30             | 800               | 1,16                  | 950                    |
| D10035                | 35             | 700               | 1,54                  | 1100                   |
| D10040                | 40             | 500               | 2,06                  | 1050                   |
| D10045                | 45             | 450               | 2,29                  | 1050                   |
| D10050                | 50             | 350               | 3,00                  | 1070                   |
| D10055                | 55             | 300               | 3,50                  | 1070                   |
| D10060                | 60             | 280               | 4,21                  | 1200                   |
| D10065                | 65             | 240               | 5,33                  | 1300                   |
| D10070                | 70             | 200               | 6,03                  | 1225                   |
| D10075                | 75             | 180               | 7,00                  | 1280                   |



Suitable for heavy horizontal reinforcement.

Thanks to its shape, it can provide the desired distance, regardless of its positioning.

Other lengths and versions on request.



## CONCAVE TRIANGLE

SPACERS MADE OF EXTRUDED FIBER CONCRETE WITH CONCAVE TRIANGULAR SECTION

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| DK10030               | 30             | 1000              | 1,00                  | 1020                   |
| DK10035               | 35             | 750               | 1,24                  | 950                    |
| DK10040               | 40             | 600               | 1,47                  | 900                    |
| DK10045               | 45             | 550               | 1,93                  | 1080                   |
| DK10050               | 50             | 500               | 1,91                  | 975                    |
| DK10055               | 55             | 400               | 2,20                  | 900                    |
| DK10060               | 60             | 350               | 2,51                  | 900                    |
| DK10065               | 65             | 300               | 3,10                  | 950                    |
| DK10070               | 70             | 250               | 3,62                  | 925                    |
| DK10075               | 75             | 200               | 4,00                  | 820                    |



Suitable for medium-heavy horizontal reinforcement.

Lighter and cheaper than the full triangular spacer but with only one positioning option.

Other lengths and versions on request.





## ARCH

SPACERS MADE OF EXTRUDED FIBER CONCRETE  
WITH ARCHED SECTION WITHOUT KNUCKLES

| Article No.          | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 33 CM</b> |                |                   |                       |                        |
| B3320                | 20             | 3300              | 0,23                  | 779                    |
| B3325                | 25             | 3000              | 0,27                  | 825                    |
| B3330                | 30             | 2700              | 0,40                  | 1100                   |
| B3335                | 35             | 2250              | 0,37                  | 852                    |
| B3340                | 40             | 1800              | 0,46                  | 850                    |
| B3345                | 45             | 1500              | 0,53                  | 815                    |
| B3350                | 50             | 1200              | 0,74                  | 908                    |
| B3355                | 55             | 1050              | 1,05                  | 1122                   |
| B3360                | 60             | 1050              | 1,15                  | 1232                   |



Suitable for medium-heavy horizontal reinforcement.  
Other lengths and versions on request.



## ARCH WITH KNUCKLES

SPACERS MADE OF EXTRUDED FIBER CONCRETE  
WITH ARCHED SECTION WITHOUT KNUCKLES

| Article No.          | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 33 CM</b> |                |                   |                       |                        |
| BN3320               | 20             | 3300              | 0,23                  | 775                    |
| BN3325               | 25             | 3000              | 0,24                  | 750                    |
| BN3330               | 30             | 2700              | 0,30                  | 825                    |
| BN3335               | 35             | 2250              | 0,37                  | 850                    |
| BN3340               | 40             | 1800              | 0,46                  | 850                    |
| BN3345               | 45             | 1500              | 0,54                  | 825                    |
| BN3350               | 50             | 1200              | 0,73                  | 900                    |
| BN3355               | 55             | 1050              | 0,91                  | 975                    |
| BN3360               | 60             | 1050              | 0,89                  | 950                    |



Suitable for medium-heavy horizontal reinforcement.  
Excellent for exposed surfaces thanks to the toothed base.  
Other lengths and versions on request.







## SNAKE WITH KNUCKLES

S-SECTION EXTRUDED FIBRE CONCRETE SPACERS  
WITH KNUCKLES

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 80 CM</b>  |                |                   |                       |                        |
| SN8020                | 20             | 1500              | 0,54                  | 825                    |
| SN8025                | 25             | 1400              | 0,61                  | 875                    |
| SN8030                | 30             | 1250              | 0,72                  | 925                    |
| SN8035                | 35             | 1100              | 0,85                  | 950                    |
| SN8040                | 40             | 800               | 1,01                  | 825                    |
| SN8045                | 45             | 700               | 1,30                  | 930                    |
| SN8050                | 50             | 600               | 1,43                  | 875                    |
| SN8055                | 55             | 550               | 1,69                  | 950                    |
| SN8060                | 60             | 500               | 1,91                  | 975                    |
| SN8065                | 65             | 400               | 2,50                  | 1020                   |
| SN8070                | 70             | 350               | 2,80                  | 1000                   |
| SN8075                | 75             | 300               | 3,10                  | 950                    |
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| SN10020               | 20             | 1300              | 0,70                  | 930                    |
| SN10025               | 25             | 1000              | 0,80                  | 820                    |
| SN10030               | 30             | 900               | 0,95                  | 875                    |
| SN10035               | 35             | 850               | 1,04                  | 900                    |
| SN10040               | 40             | 600               | 1,30                  | 800                    |
| SN10045               | 45             | 500               | 1,66                  | 850                    |
| SN10050               | 50             | 400               | 2,14                  | 875                    |
| SN10055               | 55             | 350               | 2,37                  | 850                    |
| SN10060               | 60             | 350               | 2,44                  | 875                    |
| SN10065               | 65             | 300               | 2,90                  | 890                    |
| SN10070               | 70             | 280               | 3,41                  | 975                    |
| SN10075               | 75             | 250               | 3,90                  | 995                    |



Suitable for medium heavy horizontal reinforcements.

Widely used in reinforced concrete floors.

Excellent for exposed surfaces thanks to the toothed base.

Other lengths and specifications available upon request.





## SNAKE

S-SECTION EXTRUDED FIBRE CONCRETE SPACERS  
WITHOUT KNUCKLES

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 80 CM</b>  |                |                   |                       |                        |
| S8020                 | 20             | 1500              | 0,54                  | 825                    |
| S8025                 | 25             | 1400              | 0,61                  | 875                    |
| S8030                 | 30             | 1250              | 0,74                  | 950                    |
| S8035                 | 35             | 1100              | 0,82                  | 925                    |
| S8040                 | 40             | 800               | 1,04                  | 850                    |
| S8045                 | 45             | 700               | 1,22                  | 875                    |
| S8050                 | 50             | 600               | 1,47                  | 900                    |
| S8055                 | 55             | 550               | 1,69                  | 950                    |
| S8060                 | 60             | 500               | 1,91                  | 975                    |
| S8065                 | 65             | 400               | 2,50                  | 1020                   |
| S8070                 | 70             | 350               | 2,80                  | 1000                   |
| S8075                 | 75             | 300               | 3,10                  | 950                    |
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| S10020                | 20             | 1300              | 0,68                  | 900                    |
| S10025                | 25             | 1000              | 0,81                  | 825                    |
| S10030                | 30             | 900               | 0,92                  | 850                    |
| S10035                | 35             | 850               | 1,09                  | 950                    |
| S10040                | 40             | 600               | 1,34                  | 825                    |
| S10045                | 45             | 500               | 1,71                  | 875                    |
| S10050                | 50             | 400               | 2,08                  | 850                    |
| S10055                | 55             | 350               | 2,30                  | 825                    |
| S10060                | 60             | 350               | 2,59                  | 925                    |
| S10065                | 65             | 300               | 2,90                  | 890                    |
| S10070                | 70             | 280               | 3,41                  | 975                    |
| S10075                | 75             | 250               | 3,90                  | 995                    |



Suitable for medium heavy horizontal reinforcements.  
Widely used in reinforced concrete floors.  
Other lengths and specifications available upon request.



## T-PROFILE

STRAIGHT T-SECTION EXTRUDED  
FIBER CONCRETE SPACER

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| T10025                | 25             | 1000              | 0,83                  | 850                    |
| T10030                | 30             | 900               | 0,98                  | 900                    |
| T10035                | 35             | 850               | 1,01                  | 875                    |
| T10040                | 40             | 600               | 1,30                  | 800                    |
| T10045                | 45             | 500               | 1,61                  | 825                    |
| T10050                | 50             | 400               | 1,70                  | 700                    |
| T10055                | 55             | 400               | 2,08                  | 850                    |
| T10060                | 60             | 350               | 2,51                  | 900                    |
| T10065                | 65             | 300               | 3,00                  | 920                    |
| T10070                | 70             | 250               | 3,02                  | 775                    |
| T10075                | 75             | 200               | 3,90                  | 800                    |



Suitable for medium heavy horizontal reinforcements.  
The shape allows it to be perfectly embedded in the concrete.  
Other lengths and specifications available upon request.



## PROFILE T-ESSE

SPACER IN EXTRUDED T-SECTION  
FIBRE CONCRETE

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| TS10025               | 25             | 1000              | 0,78                  | 800                    |
| TS10030               | 30             | 900               | 0,95                  | 875                    |
| TS10035               | 35             | 850               | 0,98                  | 850                    |
| TS10040               | 40             | 600               | 1,34                  | 825                    |
| TS10045               | 45             | 500               | 1,56                  | 800                    |
| TS10050               | 50             | 400               | 1,83                  | 750                    |
| TS10055               | 55             | 400               | 2,08                  | 850                    |
| TS10060               | 60             | 350               | 2,30                  | 825                    |
| TS10065               | 65             | 300               | 2,60                  | 800                    |
| TS10070               | 70             | 250               | 3,32                  | 850                    |
| TS10075               | 75             | 200               | 3,90                  | 800                    |



Suitable for medium heavy horizontal reinforcements.  
Widely used in reinforced concrete floors.  
Other lengths and specifications available upon request.





## SQUARE

SQUARE SECTION EXTRUDED  
FIBRE CONCRETE SPACER

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 90 CM</b>  |                |                   |                       |                        |
| V9025                 | 25             | 950               | 1,19                  | 1150                   |
| V9030                 | 30             | 650               | 1,70                  | 1125                   |
| V9035                 | 35             | 500               | 2,20                  | 1120                   |
| V9040                 | 40             | 300               | 3,10                  | 950                    |
| V9050                 | 50             | 250               | 4,60                  | 1170                   |
| V9060                 | 60             | 150               | 6,40                  | 980                    |
| V9075                 | 75             | 100               | 10,30                 | 1050                   |
| V90100                | 100            | 60                | 18,50                 | 1130                   |
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| V10025                | 25             | 1000              | 1,31                  | 1325                   |
| V10030                | 30             | 750               | 1,91                  | 1450                   |
| V10035                | 35             | 500               | 2,51                  | 1275                   |
| V10040                | 40             | 400               | 3,58                  | 1450                   |
| V10045                | 45             | 350               | 4,37                  | 1550                   |
| V10050                | 50             | 300               | 5,00                  | 1520                   |
| V10055                | 55             | 200               | 6,00                  | 1220                   |
| V10060                | 60             | 150               | 7,00                  | 1070                   |
| V10065                | 65             | 150               | 7,50                  | 1145                   |
| V10070                | 70             | 100               | 10,00                 | 1020                   |
| V10075                | 75             | 100               | 11,50                 | 1170                   |
| V10080                | 80             | 80                | 15,00                 | 1220                   |
| V10085                | 85             | 65                | 17,49                 | 1157                   |
| V10090                | 90             | 60                | 18,50                 | 1130                   |
| V10095                | 95             | 55                | 19,40                 | 1087                   |
| V100100               | 100            | 50                | 21,50                 | 1095                   |



Suitable for heavy horizontal links.  
Thanks to its shape it is able to provide the desired distance, regardless of orientation.  
Other lengths and specifications available upon request.



## CONCAVE SQUARE

SPACER IN EXTRUDED FIBER CONCRETE  
WITH CONCAVE SQUARE SECTION

| Article No.           | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|-----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 90 CM</b>  |                |                   |                       |                        |
| SK9035                | 35             | 500               | 1,56                  | 800                    |
| SK9040                | 40             | 450               | 2,00                  | 920                    |
| SK9050                | 50             | 320               | 3,40                  | 1108                   |
| SK9060                | 60             | 240               | 4,10                  | 1004                   |
| SK9075                | 75             | 150               | 6,80                  | 1040                   |
| SK90100               | 100            | 90                | 12,30                 | 1127                   |
| <b>LENGTH: 100 CM</b> |                |                   |                       |                        |
| SK10030               | 30             | 750               | 1,31                  | 1000                   |
| SK10035               | 35             | 500               | 1,91                  | 975                    |
| SK10040               | 40             | 400               | 2,14                  | 875                    |
| SK10050               | 50             | 300               | 2,77                  | 850                    |
| SK10060               | 60             | 150               | 5,00                  | 770                    |
| SK10070               | 70             | 100               | 5,80                  | 600                    |
| SK10075               | 75             | 100               | 7,50                  | 770                    |
| SK10080               | 80             | 80                | 8,40                  | 692                    |
| SK10090               | 90             | 60                | 10,00                 | 620                    |
| SK100100              | 100            | 50                | 12,30                 | 635                    |



Suitable for medium heavy horizontal reinforcements.

Lighter and cheaper and easier to handle than the square spacer.

The conical section improves adhesion with the concrete mix.

Other lengths and specifications available upon request.



## TRAPEZOIDAL BAR

TRAPEZOIDAL SECTION EXTRUDED  
FIBRE CONCRETE SPACER

| Article No.          | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|----------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 90 CM</b> |                |                   |                       |                        |
| TPZ9025              | 25             | 1000              | 1,10                  | 1120                   |
| TPZ9030              | 30             | 800               | 1,40                  | 1140                   |
| TPZ9035              | 35             | 650               | 1,60                  | 1060                   |
| TPZ9040              | 40             | 450               | 2,22                  | 1020                   |
| TPZ9050              | 50             | 320               | 3,20                  | 1044                   |
| TPZ9060              | 60             | 230               | 4,70                  | 1100                   |
| TPZ9075              | 75             | 150               | 6,80                  | 1040                   |
| TPZ90100             | 100            | 80                | 12,75                 | 1040                   |



Suitable for heavy horizontal links.

Other lengths and specifications available upon request.





## SLIDE SPACER

EXTRUDED SLIDE SPACER

| Article No.                        | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|------------------------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 30 CM - WIDTH: 8 CM</b> |                |                   |                       |                        |
| SCH3040                            | 40             | 500               | 2,26                  | 1150                   |
| SCH3050                            | 50             | 500               | 2,21                  | 1125                   |
| SCH3055                            | 55             | 450               | 2,30                  | 1055                   |
| SCH3060                            | 60             | 425               | 2,54                  | 1100                   |
| SCH3065                            | 65             | 400               | 2,60                  | 1060                   |
| SCH3070                            | 70             | 375               | 2,81                  | 1075                   |
| SCH3075                            | 75             | 350               | 2,90                  | 1035                   |
| SCH3080                            | 80             | 350               | 3,00                  | 1070                   |
| SCH3085                            | 85             | 325               | 3,10                  | 1027                   |
| SCH3090                            | 90             | 325               | 3,20                  | 1060                   |
| SCH3095                            | 95             | 300               | 3,40                  | 1040                   |
| SCH30100                           | 100            | 300               | 3,50                  | 1070                   |



Excellent for armour assembled out of work, such as poles, decks, diaphragms, etc.

The particular rounded shape facilitates the insertion of the reinforcement (e.g. in the ground)



## SLIDE SPACER WITH GALVANIZED WIRE

EXTRUDED SLIDE SPACER WITH GALVANIZED WIRE

| Article No.                        | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) |
|------------------------------------|----------------|-------------------|-----------------------|------------------------|
| <b>LENGTH: 30 CM - WIDTH: 8 cm</b> |                |                   |                       |                        |
| SCH3040D                           | 40             | 500               | 1,70                  | 870                    |
| SCH3050D                           | 50             | 500               | 2,10                  | 1070                   |
| SCH3055D                           | 55             | 450               | 2,30                  | 1055                   |
| SCH3060D                           | 60             | 425               | 2,40                  | 1040                   |
| SCH3065D                           | 65             | 400               | 2,50                  | 1020                   |
| SCH3070D                           | 70             | 375               | 2,60                  | 995                    |
| SCH3075D                           | 75             | 350               | 2,90                  | 1035                   |
| SCH3080D                           | 80             | 350               | 3,00                  | 1070                   |
| SCH3085D                           | 85             | 325               | 3,10                  | 1027                   |
| SCH3090D                           | 90             | 325               | 3,20                  | 1060                   |
| SCH3095D                           | 95             | 300               | 3,40                  | 1040                   |
| SCH30100D                          | 100            | 300               | 3,50                  | 1070                   |



Excellent for armour assembled out of work, such as poles, decks, diaphragms, etc.

The particular rounded shape facilitates the insertion of the reinforcement (e.g. in the ground)



## TRIANGLE WITH HOOK WITH KNUCKLES

EXTRUDED FIBRE CONCRETE SPACER  
WITH ISOSCELES TRIANGULAR SECTION WITH KNUCKLES

| Article No.          | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|----------------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| <b>LENGTH: 18 CM</b> |                |                   |                       |                        |                |                 |
| DHN1820              | 20             | 5000              | 0,15                  | 770                    | 125            | 40              |
| DHN1825              | 25             | 5000              | 0,17                  | 845                    | 125            | 40              |
| DHN1830              | 30             | 5000              | 0,18                  | 920                    | 125            | 40              |
| DHN1835              | 35             | 4000              | 0,21                  | 850                    | 100            | 40              |
| DHN1840              | 40             | 4000              | 0,28                  | 1140                   | 100            | 40              |
| DHN1845              | 45             | 3200              | 0,31                  | 1025                   | 80             | 40              |
| DHN1850              | 50             | 2000              | 0,45                  | 920                    | 50             | 40              |
| DHN1855              | 55             | 1800              | 0,50                  | 920                    | 45             | 40              |
| DHN1860              | 60             | 1600              | 0,55                  | 900                    | 40             | 40              |
| DHN1865              | 65             | 1600              | 0,60                  | 980                    | 40             | 40              |
| DHN1870              | 70             | 1400              | 0,70                  | 1000                   | 35             | 40              |
| DHN1875              | 75             | 1000              | 0,75                  | 770                    | 25             | 40              |
| <b>LENGTH: 33 CM</b> |                |                   |                       |                        |                |                 |
| DHN3325              | 25             | 3000              | 0,23                  | 710                    | 75             | 40              |
| DHN3330              | 30             | 3000              | 0,35                  | 1070                   | 75             | 40              |
| DHN3335              | 35             | 2400              | 0,38                  | 932                    | 60             | 40              |
| DHN3340              | 40             | 2000              | 0,45                  | 920                    | 50             | 40              |
| DHN3345              | 45             | 1600              | 0,50                  | 820                    | 40             | 40              |
| DHN3350              | 50             | 1280              | 0,80                  | 1044                   | 32             | 40              |
| DHN3355              | 55             | 1000              | 0,90                  | 920                    | 25             | 40              |
| DHN3360              | 60             | 1000              | 1,00                  | 1020                   | 25             | 40              |
| DHN3365              | 65             | 800               | 1,10                  | 900                    | 20             | 40              |
| DHN3370              | 70             | 800               | 1,15                  | 940                    | 20             | 40              |
| DHN3375              | 75             | 700               | 1,25                  | 895                    | 20             | 35              |



Suitable for vertical reinforcements.  
Quick and easy application thanks to the galvanized harmonic steel hook.  
Excellent for exposed surfaces thanks to the toothed base.  
Other lengths and specifications available upon request.





## TRIANGLE WITH HOOK

EXTRUDED SPACER WITH ISOSCELES SECTION  
WITH GALVANIZED HOOK

| Article No.          | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|----------------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| <b>LENGTH: 18 CM</b> |                |                   |                       |                        |                |                 |
| DH1820               | 20             | 5000              | 0,15                  | 775                    | 125            | 40              |
| DH1825               | 25             | 5000              | 0,16                  | 825                    | 125            | 40              |
| DH1830               | 30             | 5000              | 0,18                  | 920                    | 125            | 40              |
| DH1835               | 35             | 4000              | 0,21                  | 875                    | 100            | 40              |
| DH1840               | 40             | 4000              | 0,27                  | 1100                   | 100            | 40              |
| DH1845               | 45             | 3200              | 0,32                  | 1050                   | 80             | 40              |
| DH1850               | 50             | 2000              | 0,44                  | 900                    | 50             | 40              |
| DH1855               | 55             | 1800              | 0,48                  | 875                    | 45             | 40              |
| DH1860               | 60             | 1600              | 0,52                  | 850                    | 40             | 40              |
| DH1865               | 65             | 1600              | 0,55                  | 900                    | 40             | 40              |
| DH1870               | 70             | 1400              | 0,65                  | 925                    | 35             | 40              |
| DH1875               | 75             | 1000              | 0,70                  | 720                    | 25             | 40              |
| <b>LENGTH: 33 CM</b> |                |                   |                       |                        |                |                 |
| DH3325               | 25             | 3000              | 0,24                  | 750                    | 75             | 40              |
| DH3330               | 30             | 3000              | 0,33                  | 1000                   | 75             | 40              |
| DH3335               | 35             | 2400              | 0,40                  | 975                    | 60             | 40              |
| DH3340               | 40             | 2000              | 0,49                  | 1000                   | 50             | 40              |
| DH3345               | 45             | 1600              | 0,58                  | 950                    | 40             | 40              |
| DH3350               | 50             | 1280              | 0,79                  | 1025                   | 32             | 40              |
| DH3355               | 55             | 1000              | 0,83                  | 850                    | 25             | 40              |
| DH3360               | 60             | 1000              | 0,96                  | 975                    | 25             | 40              |
| DH3365               | 65             | 800               | 1,00                  | 820                    | 20             | 40              |
| DH3370               | 70             | 800               | 1,05                  | 860                    | 20             | 40              |
| DH3375               | 75             | 700               | 1,15                  | 825                    | 20             | 35              |



Suitable for vertical reinforcements.  
Quick and easy application thanks to the galvanised harmonic steel hook.  
Other lengths and specifications available upon request.



## CONCAVE TRIANGLE WITH BINDING THREADS

EXTRUDED FIBRE CONCRETE SPACER WITH CONCAVE TRIANGULAR SECTION WITH GALVANIZED WIRE

| Article No.          | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|----------------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| <b>LENGTH: 18 CM</b> |                |                   |                       |                        |                |                 |
| DD1830               | 30             | 5000              | 0,15                  | 770                    | 125            | 40              |
| DD1835               | 35             | 4000              | 0,18                  | 740                    | 100            | 40              |
| DD1840               | 40             | 4000              | 0,20                  | 820                    | 100            | 40              |
| DD1845               | 45             | 3200              | 0,25                  | 820                    | 80             | 40              |
| DD1850               | 50             | 2000              | 0,45                  | 920                    | 50             | 40              |
| DD1855               | 55             | 1800              | 0,50                  | 920                    | 50             | 36              |
| DD1860               | 60             | 1600              | 0,56                  | 916                    | 40             | 40              |
| <b>LENGTH: 33 CM</b> |                |                   |                       |                        |                |                 |
| DD3330               | 30             | 2700              | 0,35                  | 975                    | 75             | 36              |
| DD3335               | 35             | 2160              | 0,45                  | 992                    | 60             | 36              |
| DD3340               | 40             | 1800              | 0,52                  | 950                    | 50             | 36              |
| DD3345               | 45             | 1440              | 0,60                  | 884                    | 40             | 36              |
| DD3350               | 50             | 1440              | 0,61                  | 900                    | 40             | 36              |
| DD3355               | 55             | 1000              | 0,90                  | 920                    | 25             | 40              |
| DD3360               | 60             | 900               | 1,00                  | 920                    | 25             | 36              |



Suitable for vertical or curved reinforcement.

Great stability thanks to the connection to the ironwork by means of galvanized steel wires.

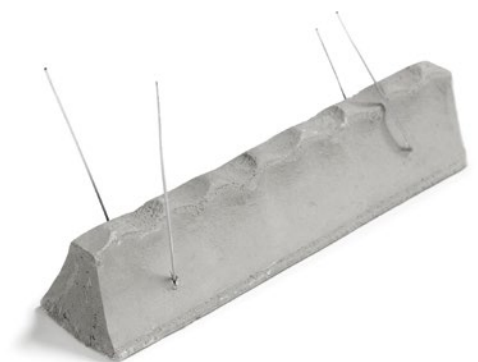
Other lengths and specifications available upon request.



## CONCAVE TRIANGLE WITH KNUCKLES WITH BINDING THREADS

EXTRUDED FIBRE CONCRETE SPACER WITH CONCAVE TRIANGULAR SECTION WITH GALVANIZED WIRE WITH KNUCKLES

| Article No.          | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|----------------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| <b>LENGTH: 18 CM</b> |                |                   |                       |                        |                |                 |
| DDN1830              | 30             | 5000              | 0,15                  | 770                    | 125            | 40              |
| DDN1835              | 35             | 4000              | 0,18                  | 740                    | 100            | 40              |
| DDN1840              | 40             | 4000              | 0,20                  | 820                    | 100            | 40              |
| DDN1845              | 45             | 3200              | 0,25                  | 820                    | 80             | 40              |
| DDN1850              | 50             | 2000              | 0,45                  | 920                    | 50             | 40              |
| DDN1855              | 55             | 1800              | 0,50                  | 920                    | 50             | 36              |
| DDN1860              | 60             | 1600              | 0,56                  | 916                    | 40             | 40              |
| <b>LENGTH: 33 CM</b> |                |                   |                       |                        |                |                 |
| DDN3330              | 30             | 2700              | 0,35                  | 965                    | 75             | 36              |
| DDN3335              | 35             | 2160              | 0,42                  | 992                    | 60             | 36              |
| DDN3340              | 40             | 1800              | 0,50                  | 920                    | 50             | 36              |
| DDN3345              | 45             | 1440              | 0,60                  | 884                    | 40             | 36              |
| DDN3350              | 50             | 1440              | 0,66                  | 975                    | 40             | 36              |
| DDN3355              | 55             | 1000              | 0,90                  | 920                    | 25             | 40              |
| DDN3360              | 60             | 900               | 1,00                  | 920                    | 25             | 36              |



Suitable for vertical or curved reinforcement.

Great stability thanks to the connection to the ironwork by means of galvanized steel wires.

Excellent for exposed surfaces thanks to the toothed base.

Other lengths and specifications available upon request.





### SINGLE SPACER AT THREE HEIGHTS WIRED

SINGLE EXTRUDED SPACER WITH WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| KD20/25/30  | 20-25-20       | 25000             | 0,04                  | 1100                   | 500            | 50              |
| KD35/40/50  | 35-40-50       | 10000             | 0,11                  | 1075                   | 250            | 40              |
| KD45/55/60  | 45-55-60       | 5000              | 0,20                  | 1000                   | 125            | 40              |
| KD50/60/70  | 50-60-70       | 4000              | 0,24                  | 975                    | 100            | 40              |



Suitable for all types of armour.  
3 concrete covers according to the position.



### SINGLE SPACER AT THREE HEIGHTS

SINGLE EXTRUDED SPACER WITHOUT WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| K20/25/30   | 20-25-30       | 25000             | 0,04                  | 1025                   | 500            | 50              |
| K35/40/50   | 35-40-50       | 10000             | 0,10                  | 1000                   | 250            | 40              |
| K45/55/60   | 45-55-60       | 5000              | 0,19                  | 975                    | 125            | 40              |
| K50/60/70   | 50-60-70       | 4000              | 0,23                  | 950                    | 100            | 40              |



Suitable for all types of armour.  
3 concrete covers according to the position.



### SINGLE SPACER AT TWO HEIGHTS WITH WIRE

TYPE "E" EXTRUDED FIBRE CONCRETE SPACER WITH GALVANIZED WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| ED30/40     | 30/40          | 10000             | 0,08                  | 775                    | 150            | 67              |
| ED35/40     | 35/40          | 10000             | 0,10                  | 1000                   | 150            | 67              |
| ED40/50     | 40/50          | 10000             | 0,12                  | 1200                   | 150            | 67              |



Suitable for all types of armour.  
2 concrete covers according to the position.



### SINGLE SPACER AT TWO HEIGHTS

SPACER IN EXTRUDED FIBER CONCRETE TYPE "E" WITHOUT WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| E30/40      | 30/40          | 10000             | 0,07                  | 725                    | 150            | 67              |
| E35/40      | 35/40          | 10000             | 0,09                  | 950                    | 150            | 67              |
| E40/50      | 40/50          | 10000             | 0,11                  | 1150                   | 150            | 67              |
| E60/75      | 60/75          | 5000              | 0,26                  | 1300                   | 150            | 67              |



Suitable for all types of armour.  
2 concrete covers according to the position.



## SINGLE SPACER AT ONE HEIGHT WITH WIRE

SINGLE EXTRUDED U-SHAPED SPACER  
WITH GALVANIZED WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| UD20        | 20             | 50000             | 0,02                  | 1020                   | 1000           | 50              |
| UD25        | 25             | 30000             | 0,03                  | 920                    | 500            | 60              |
| UD30        | 30             | 20000             | 0,04                  | 820                    | 500            | 40              |
| UD35        | 35             | 20000             | 0,05                  | 1020                   | 500            | 40              |
| UD40        | 40             | 16000             | 0,08                  | 1300                   | 400            | 40              |
| UD45        | 45             | 10000             | 0,10                  | 1020                   | 250            | 40              |
| UD50        | 50             | 10000             | 0,11                  | 1120                   | 250            | 40              |
| UD55        | 55             | 10000             | 0,12                  | 1220                   | 250            | 40              |
| UD60        | 60             | 8000              | 0,15                  | 1220                   | 200            | 40              |
| UD65        | 65             | 8000              | 0,16                  | 1300                   | 200            | 40              |
| UD70        | 70             | 5000              | 0,20                  | 1020                   | 200            | 25              |
| UD75        | 75             | 5000              | 0,23                  | 1170                   | 125            | 40              |



Suitable for all types of armour.  
Only one concrete cover



## SINGLE SPACER AT ONE HEIGHT

SINGLE EXTRUDED SPACER  
WITHOUT WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| U20         | 20             | 50000             | 0,02                  | 1020                   | 1000           | 50              |
| U25         | 25             | 30000             | 0,03                  | 920                    | 500            | 60              |
| U30         | 30             | 20000             | 0,04                  | 850                    | 500            | 40              |
| U35         | 35             | 20000             | 0,05                  | 1025                   | 500            | 40              |
| U40         | 40             | 16000             | 0,08                  | 1225                   | 400            | 40              |
| U45         | 45             | 10000             | 0,10                  | 975                    | 250            | 40              |
| U50         | 50             | 10000             | 0,12                  | 1175                   | 250            | 40              |
| U55         | 55             | 10000             | 0,12                  | 1220                   | 250            | 40              |
| U60         | 60             | 8000              | 0,16                  | 1275                   | 200            | 40              |
| U65         | 65             | 8000              | 0,17                  | 1350                   | 200            | 40              |
| U70         | 70             | 5000              | 0,20                  | 1025                   | 200            | 25              |
| U75         | 75             | 5000              | 0,23                  | 1170                   | 125            | 40              |



Suitable for all types of armour.  
Only one concrete cover.



### SINGLE "L" TYPE SPACER WITH WIRE

L-TYPE EXTRUDED FIBRE SPACER  
WITH GALVANIZED WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| LD40        | 40             | 5500              | 0,16                  | 900                    | 125            | 44              |
| LD50        | 50             | 5000              | 0,18                  | 920                    | 125            | 40              |
| LD60        | 60             | 3500              | 0,26                  | 930                    | 70             | 50              |
| LD70        | 70             | 3000              | 0,31                  | 950                    | 75             | 40              |



Spacer for inclined castings



### SINGLE "L" TYPE SPACER

L-TYPE EXTRUDED FIBRE SPACER  
WITHOUT WIRE

| Article No. | Concrete cover | Pieces per pallet | Weight per piece (KG) | Weight per pallet (KG) | Pieces per bag | Bags per pallet |
|-------------|----------------|-------------------|-----------------------|------------------------|----------------|-----------------|
| L40         | 40             | 5500              | 0,16                  | 900                    | 125            | 44              |
| L50         | 50             | 5000              | 0,18                  | 920                    | 125            | 40              |
| L60         | 60             | 3500              | 0,26                  | 930                    | 60             | 50              |
| L70         | 70             | 3000              | 0,31                  | 950                    | 75             | 40              |



Spacer for inclined castings





**B A T O**

CAST CONCRETE SPACERS

# Cast concrete spacers

Concrete spacers produced with the traditional formwork system. This model of spacers is more suitable for structures with light reinforcements. The models with plastic clips are characterized by the speed of application. The models with 3-point support are very suitable for exposed surfaces.

## SPACER WITH THREE CONTACT POINTS WITH PLASTIC CLIP

| Article No. | Concrete cover | Pieces per pallet | Pieces per bag | Weight per pallet (KG) |
|-------------|----------------|-------------------|----------------|------------------------|
| G3K-20      | 20             | 24000             | 600            | 780                    |
| G3K-25      | 25             | 20000             | 500            | 950                    |
| G3K-30      | 30             | 16000             | 400            | 900                    |
| G3K-35      | 35             | 16000             | 400            | 1200                   |
| G3K-40      | 40             | 12000             | 300            | 1050                   |
| G3K-50      | 50             | 12000             | 300            | 1350                   |
| G3K-70      | 70             | 4000              | 100            | 900                    |



## SQUARE BASE SPACER WITH PLASTIC CLIP

| Article No. | Concrete cover | Pieces per pallet | Pieces per bag | Weight per pallet (KG) |
|-------------|----------------|-------------------|----------------|------------------------|
| GK20        | 20             | 20000             | 500            | 750                    |
| GK25        | 25             | 20000             | 500            | 800                    |
| GK30        | 30             | 12000             | 300            | 850                    |
| GK35        | 35             | 12000             | 300            | 850                    |
| GK40        | 40             | 12000             | 300            | 1100                   |
| GK50        | 50             | 8000              | 200            | 1050                   |
| GK70        | 70             | 4000              | 100            | 900                    |



### SQUARE BASE SPACER WITH BINDING WIRES

| Article No. | Concrete cover | Pieces per pallet | Pieces per bag | Weight per pallet (KG) |
|-------------|----------------|-------------------|----------------|------------------------|
| GD20        | 20             | 20000             | 500            | 750                    |
| GD25        | 25             | 20000             | 500            | 800                    |
| GD30        | 30             | 12000             | 300            | 850                    |
| GD35        | 35             | 12000             | 300            | 850                    |
| GD40        | 40             | 12000             | 300            | 1100                   |
| GD50        | 50             | 8000              | 200            | 1050                   |
| GD70        | 70             | 4000              | 100            | 900                    |



### SQUARE BASE SPACER WITH BINDING WIRES WITH EYELETS

| Article No. | Concrete cover | Pieces per pallet | Pieces per bag | Weight per pallet (KG) |
|-------------|----------------|-------------------|----------------|------------------------|
| G020        | 20             | 20000             | 500            | 750                    |
| G025        | 25             | 20000             | 500            | 800                    |
| G030        | 30             | 12000             | 300            | 850                    |
| G035        | 35             | 12000             | 300            | 850                    |
| G040        | 40             | 12000             | 300            | 1100                   |
| G050        | 50             | 8000              | 200            | 1050                   |
| G070        | 70             | 4000              | 100            | 900                    |



### SEALING CONE WITH PLUG

| Article No. | Dimensions            | Pieces per pallet | Pieces per box |
|-------------|-----------------------|-------------------|----------------|
| StoKO Typ1  | 19 / 20 / 7 / 29 / 37 | 4000              | 100            |
| StoKO Typ2  | 19 / 20 / 6 / 41      | 4000              | 100            |



### PLUG

| Article No. | Dimensions | Pieces per pallet | Pieces per bag |
|-------------|------------|-------------------|----------------|
| Stopfen2220 | 22x20      | 40000             | 1000           |
| Stopfen2250 | 22x50      | 20000             | 500            |







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