

# CONSTRUCTION TECHNOLOGY *DIAMOND TOOLS*



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**LISSMAC**  
CONSTRUCTION TECHNOLOGY

# FIND THE IDEAL TOOL FOR YOUR APPLICATION, STEP BY STEP

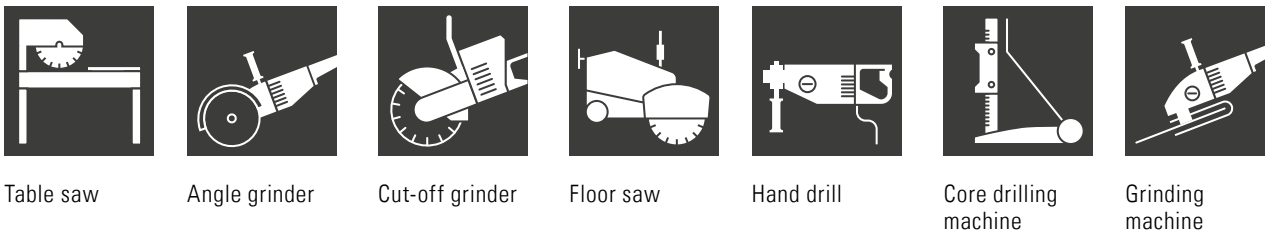
## STEP 1 Which material do you want to work with?

To simplify your search for a suitable tool, we have developed a colour guide system to give a snap overview. There are 9 material types in total:



## STEP 2 Which machine do you want to work with?

The pictograms will help you with a snap selection:



## STEP 3 How to search in the overview table?

EXAMPLE: You are looking for a cut-off disc for asphalt and you want to work with a floor saw.

Tool type					Asphalt	Concrete	Natural stone
ASW 11			•	•	+++		
MUSW 10			•	•	++	++	
BSW 10			•	•		+++	
BSW 15	•	•	•	•		+++	+
GSW 21	•	•	•	•		++	++
GSWL 21	•	•	•	•		++	++
GSW 22	•	•	•	•		++	+++

An ideally suited cut-off disc for the material in question is signified horizontally.

On the vertical axis, the points identify whether the disc type is suitable for development on a floor saw.

In our example, the ASW 11 is ideally suited.



# DEMONSTRATION WALL



## DEMONSTRATION WALL:

With our demonstration wall you can present your diamond tools optimally and clearly in your sales room. We are also able to implement an individual design for you here. Contact us!



# PRIVATE LABEL



Diamond tools with a personal company design – LISSMAC paves the way for companies to successfully create their own brand of tools. Private Label services include custom tools branded with your company's logo, custom packaging, and custom presentation and merchandising displays. The individual LISSMAC service modules chosen can be combined and expanded as required. As an option, a particularly durable and brilliant UV cured print can be selected for the tool. As an extra highlight for sales campaigns, each saw blade can be equipped with a special design and special packaging as a promotional item. The LISSMAC marketing and sales professionals support you in all matters, from choosing the products and the range of tools to the design of your own artwork and sales display areas. – Put your company name in the spotlight by using high-quality LISSMAC diamond tools as your own brand ambassador.

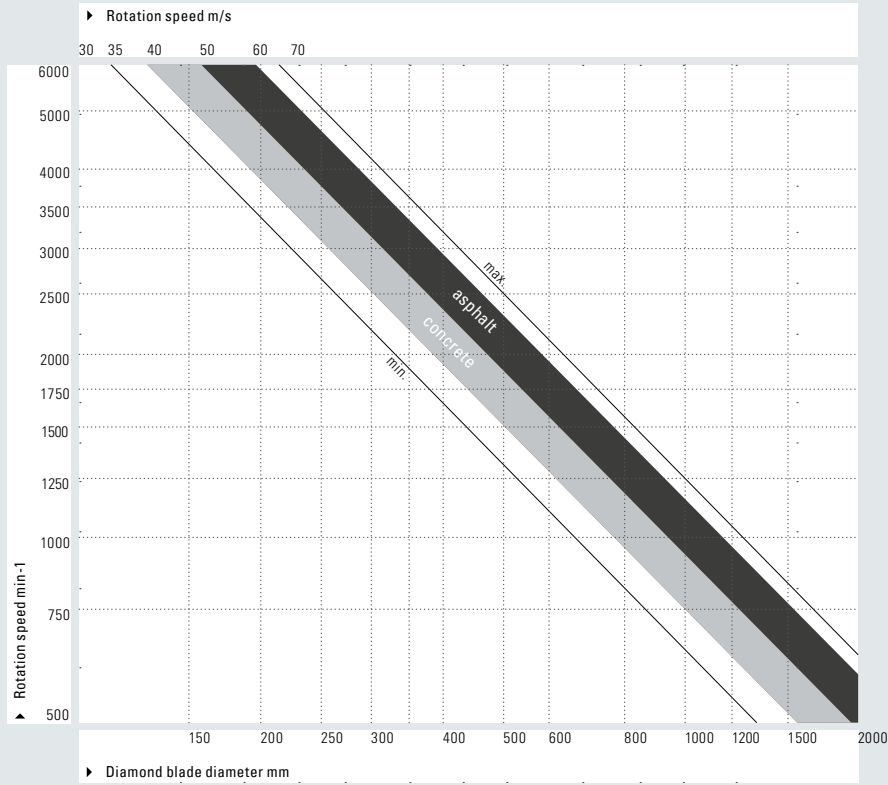


# RANGE SELECTION FOR YOUR INDIVIDUAL UV PRINTING

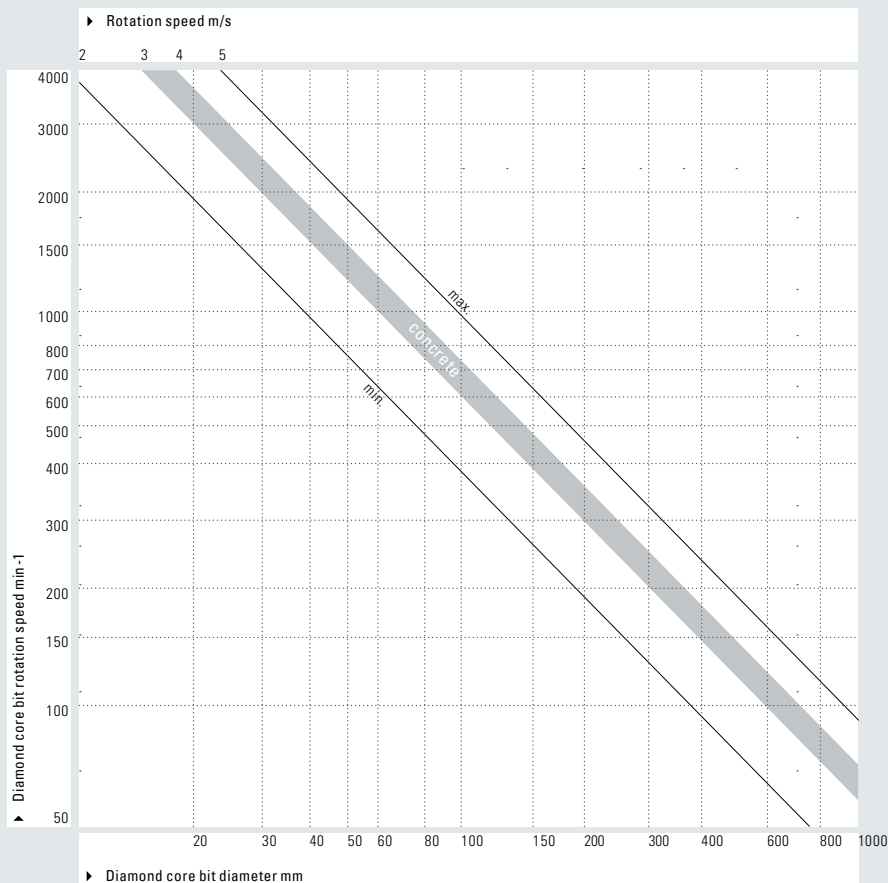
Tool type						Asphalt	Concrete	Natural stone	Ceramics	Sand-lime stone	Hard stone	Abrasive
Sand-lime stone	•		•	•		+++				++		++
Asphalt												
Concrete B25		•	•				+++	++				+
Soft granite												
Building material												
Concrete B25		•	•				+++	+				
Granite, Marble	•		•				++	++	++		++	
Fine stoneware												
Hard tiles												
Artificial tiles												
Tiles			•					+	+++		+	
Artificial tiles												
Fine stoneware												
Concrete B25	•	•					+++					+
Building material												
Concrete B25	•	•					+++					+
Building material												
Concrete B25							+++					
Concrete B45			•		•		++	++			++	
Granite												
Clinker												
Brick												
Tiles, Ceramics									+++			
Marble												
Hard-fired tiles												
Artificial tiles												
Fine stoneware												
Grinding of Concrete, adhesives, paints, for FLEX angle grinders with dust							+++					
Grinding of Concrete, Screed							+++					++



# ROTATION SPEED OVERVIEW







DIAMOND BLADES



DIAMOND CORE BITS

# APPLICATION TABLE

## PROFESSIONAL CUTTING

Tool type	 Wall saw	 Floor saw	 Core drilling machine	 Wire saw	Power	Asphalt	Concrete	Abrasive	Fresh concrete	Page
ASP 201		•			< 20 kW	+++		++		140
ASP 301		•			20 - 30 kW	+++		++		140
ASP 602		•			< 50 kW	+++		++		141
ASP 703		•			40 - 80 kW	+++		++		142
ASP 751		•			> 50 kW	+++		++		142
ASTP 451		•			15 - 35 kW	+++		++		143
ASTP 703		•			15 - 35 kW	+++		++		143
BSP 102 E		•			7,5 - 22 kW		+++			144
BSP 203 E		•			7,5 - 22 kW		+++			144
BSP 202		•			< 20 kW		+++			145
BSP 351		•			15 - 20 kW		+++			145
BSP 402		•			< 35 kW		+++			146
BSP 451		•			40 - 60 kW		+++			146
BSP 501		•			40 - 70 kW		+++			147
BSP 601		•			60 - 80 kW		+++			147
BSP 703		•			> 80 kW		+++			148
FBSP 202		•			< 15 kW	++		++	+++	149
FBSP 402		•			> 25 kW	++		++	+++	149
WSP 3 E	•				2,2 - 10 kW		+++			150
WSP 502	•				11 - 22 kW		+++			150
WSP 602	•				15 - 20 kW		+++			151
WSP 702	•				11 - 22 kW		+++			151
BDSP				•	-		+++			152
Accessories				•	-		+++			153
BKP 302 Roof			•		< 5 kW		+++			154
BKP 352 Roof			•		< 5 kW		+++			155
BKP 402 Roof			•		< 5 kW		+++			156
RKP 402			•		< 5 kW		+++			157

+ suitable to only a limited extent  
 ++ recommended  
 +++ optimal recommended



Wet cutting



Dry cutting

**DETENSO** Silent core

**SILENT** Sandwich core





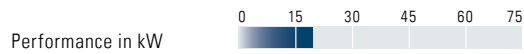
# ASPHALT

## LASER-WELDED DIAMOND BLADES FOR ASPHALT

### ASP 201



- short segments for good water supply and dust removal



Auxiliary holes + divided circle:  
1 NL Ø11,5 TK57,4

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
314	24 x 3,2 x 12	24	25,4 mm	1095986
364	24 x 3,2 x 12	30	25,4 mm	1095987
414	24 x 3,2 x 12	36	25,4 mm	1095988
464	24 x 4,0 x 12	42	25,4 mm	1095989
514	24 x 4,0 x 12	48	25,4 mm	1095990
614	24 x 4,0 x 12	54	25,4 mm	1095991
664	24 x 4,0 x 12	60	25,4 mm	1095992
714	24 x 4,0 x 12	66	25,4 mm	1095993
764	24 x 4,0 x 12	66	25,4 mm	1095994
814	24 x 4,0 x 12	72	25,4 mm	1095995
908	24 x 4,5 x 12	78	25,4 mm	1095996

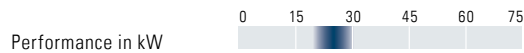


Further segment widths on demand

### ASP 301



- short segments for good water supply and dust removal



Auxiliary holes + divided circle:  
6 NL x Ø 14 mm, TK 120 mm

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
314	24,0 x 3,2 x 12	24	35 - 25,4 mm	1095997
364	24,0 x 3,2 x 12	30	35 - 25,4 mm	1095998
414	24,0 x 3,2 x 12	36	35 - 25,4 mm	1095999
464	24,0 x 4,0 x 12	42	35 - 25,4 mm	1096001
514	24,0 x 4,0 x 12	48	35 - 25,4 mm	1096002
614	24,0 x 4,0 x 12	54	35 - 25,4 mm	1096003
714	24,0 x 4,0 x 12	66	35 - 25,4 mm	1096004
814	24,0 x 4,0 x 12	72	35 - 25,4 mm	1096005
908	24,0 x 4,5 x 12	78	35 - 25,4 mm	1096006



Further segment widths on demand



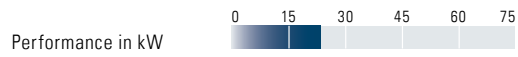
# ASPHALT

## LASER-WELDED DIAMOND BLADES FOR ASPHALT

### ASP 602



· long segments for smooth cutting



Auxiliary holes + divided circle:  
6 NL x Ø 13 mm, TK 120 mm

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 3,2 x 9	25	35 - 25,4 mm	1096007
400	40 x 3,2 x 9	28	35 - 25,4 mm	1096008
450	40 x 3,6 x 9	32	35 - 25,4 mm	1096009
450	40 x 5,0 x 9	32	35 - 25,4 mm	1096010
500	40 x 3,6 x 9	36	35 - 25,4 mm	1096011
600	40 x 3,6 x 9	42	35 - 25,4 mm	1096012
600	40 x 4,7 x 9	42	35 - 25,4 mm	1096013
600	40 x 5,0 x 9	42	35 - 25,4 mm	1096014
700	40 x 4,7 x 9	50	35 - 25,4 mm	1096015
800	40 x 4,7 x 9	57	35 - 25,4 mm	1096016
1000	40 x 4,7 x 9	72	35 - 25,4 mm	1096017
1200	40 x 4,7 x 9	86	35 - 25,4 mm	1096018



Further segment widths on demand



# ASPHALT

## LASER-WELDED DIAMOND BLADES FOR ASPHALT

### ASP 703



- long segments for smooth cutting
- guard segments avoid the relief grinding



Auxiliary holes + divided circle:  
6 NL Ø13 TK 120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 4,6 x 12	24	35 - 25,4 mm	1015142
400	40 x 4,6 x 12	28	35 - 25,4 mm	1015143
450	40 x 3,6 x 12	32	35 - 25,4 mm	1015146
450	40 x 4,6 x 12	32	35 - 25,4 mm	1012042
500	40 x 3,6 x 12	36	35 - 25,4 mm	1012800
500	40 x 4,6 x 12	36	35 - 25,4 mm	1015147
600	40 x 3,6 x 12	42	35 - 25,4 mm	1012801
600	40 x 4,6 x 12	42	35 - 25,4 mm	1015148
700	40 x 3,6 x 12	46	35 - 25,4 mm	1015149
700	40 x 4,6 x 12	46	35 - 25,4 mm	1015151
800	40 x 4,6 x 12	52	35 - 25,4 mm	1015152
900	40 x 4,8 x 12	60	35 - 25,4 mm	1026760
1000	40 x 4,6 x 12	68	35 - 25,4 mm	1015153
1200	40 x 4,6 x 12	78	35 - 25,4 mm	1015154



Further segment widths on demand

### ASP 751



- long segments for smooth cutting



Auxiliary holes + divided circle:  
6 NL Ø14 TK120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 3,2 x 9	25	35 mm	1096019
400	40 x 3,2 x 9	28	35 mm	1096020
450	40 x 3,6 x 9	32	35 mm	1096021
450	40 x 5,0 x 9	32	35 mm	1096022
500	40 x 3,6 x 9	36	35 mm	1096023
600	40 x 3,6 x 9	42	35 mm	1096024
600	40 x 4,7 x 9	42	35 mm	1096025
700	40 x 4,7 x 9	50	35 mm	1096026
800	40 x 4,7 x 9	57	35 mm	1096027
1000	40 x 4,7 x 9	72	35 mm	1096028
1200	40 x 4,7 x 9	86	35 mm	1096029



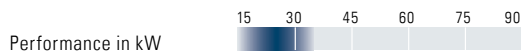
Further segment widths on demand

# ASPHALT

## LASER-WELDED DIAMOND BLADES FOR DRY CUTTING IN ASPHALT

### ASTP 451

- long segments for smooth cutting
- guard segments avoid the relief grinding



Auxiliary holes + divided circle:  
6 NL Ø13 TK 120



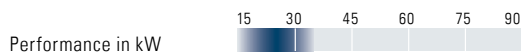
Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 2,8 x 10	21	35 - 25,4 mm	1096030
350	40 x 3,2 x 10	24	35 - 25,4 mm	1096031
400	40 x 3,2 x 10	28	35 - 25,4 mm	1096032

Further segment widths on demand

### ASTP 703



- long segments for smooth cutting
- guard segments avoid the relief grinding



Auxiliary holes + divided circle:  
6 NL Ø13 TK 120



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 4,5 x 12	21	35 - 25,4 mm	1016416
350	40 x 4,5 x 12	24	35 - 25,4 mm	1016334
400	40 x 4,5 x 12	28	35 - 25,4 mm	1016335
450	40 x 4,5 x 12	32	35 - 25,4 mm	1016336

Further segment widths on demand

Auxiliary holes + divided circle:  
1 NL Ø12 TK 57,4 + 6 NL Ø8 TK 92  
countersunk (for counter rotation, right side)

Recommended for COMPACTCUT 900 PT

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 4,5 x 12	24	25,4 mm	1063310

Further segment widths on demand

Auxiliary holes + divided circle:  
1 NL Ø12 TK 57,4 + 6 NL Ø8 TK 92  
countersunk (for counter rotation, right side)

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 4,5 x 12	24	35 - 25,4 mm	1031784

Further segment widths on demand



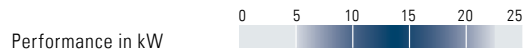
# CONCRETE

## LASER-WELDED DIAMOND BLADES FOR CONCRETE

### BSP 102 E



· Optimally suited saw blades for electric floor cutters



Auxiliary holes + divided circle:  
6 NL x M6, countersunk, TK 92 mm +  
6 NL x M8, countersunk, TK 125 mm



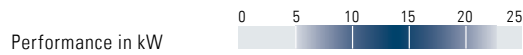
Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	40 x 3,6 x 12	33	25,4 mm	1081106
600	40 x 4,0 x 12	42	25,4 mm	1081107
700	40 x 3,8 x 12	46	25,4 mm	1081108
800	40 x 3,8 x 12	52	25,4 mm	1081109

Further segment widths on demand

### BSP 203 E



· Optimally suited saw blades for electric floor cutters



Auxiliary holes + divided circle:  
6 NL x M6, countersunk, TK 92 mm +  
6 NL x M8, countersunk, TK 125 mm



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	20 x 3,2 x 10	40	25,4 mm	1092216
350	20 x 3,9 x 10	40	25,4 mm	1092217
450	20 x 3,9 x 10	40	25,4 mm	1092218
450	20 x 4,4 x 10	52	25,4 mm	1092219
500	20 x 3,9 x 10	60	25,4 mm	1092220
600	20 x 3,9 x 10	72	25,4 mm	1092221
600	20 x 4,4 x 10	72	25,4 mm	1092222
650	20 x 3,9 x 10	76	25,4 mm	1092223
700	20 x 3,9 x 10	82	25,4 mm	1092224
700	20 x 4,4 x 10	82	25,4 mm	1092225
800	20 x 3,9 x 10	92	25,4 mm	1092226
800	20 x 4,4 x 10	92	25,4 mm	1092227
1000	20 x 4,4 x 10	112	25,4 mm	1092228
1200	20 x 4,4 x 10	132	25,4 mm	1092229

Further segment widths on demand



# CONCRETE

## LASER-WELDED DIAMOND BLADES FOR CONCRETE

### BSP 202



· short segments for high cutting capacity



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
314	24 x 3,4 x 12	26	25,4 mm	1096033
364	24 x 3,4 x 12	35	25,4 mm	1096034
414	24 x 3,4 x 12	35	25,4 mm	1096035
464	24 x 4,4 x 12	39	25,4 mm	1096036
514	24 x 4,4 x 12	44	25,4 mm	1096037
614	24 x 4,4 x 12	52	25,4 mm	1096038
664	24 x 4,4 x 12	57	25,4 mm	1096039
714	24 x 4,4 x 12	62	25,4 mm	1096040
814	24 x 4,4 x 12	70	25,4 mm	1096041
908	24 x 4,9 x 12	79	25,4 mm	1096042
1014	24 x 4,9 x 12	87	25,4 mm	1096043
1208	24 x 4,9 x 12	106	25,4 mm	1096044



Further segment widths on demand

### BSP 351



· long segments for smooth cutting, longer life time



Performance in kW



Auxiliary holes + divided circle:  
6 NL Ø14 TK120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	20 x 3,9 x 10	60	35 - 25,4 mm	1092231
600	20 x 5,0 x 10	72	35 - 25,4 mm	1092233
650	20 x 4,4 x 10	76	35 - 25,4 mm	1092235
700	20 x 4,4 x 10	82	35 - 25,4 mm	1092236
800	20 x 4,4 x 10	92	35 - 25,4 mm	1092237
1000	20 x 4,4 x 10	112	35 - 25,4 mm	1092238
1200	20 x 4,4 x 10	132	35 - 25,4 mm	1092239



Further segment widths on demand



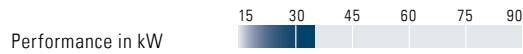
# CONCRETE

## LASER-WELDED DIAMOND BLADES FOR CONCRETE

### BSP 402



· long segments for smooth cutting, longer life time



Auxiliary holes + divided circle:  
6 NL Ø14 TK120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
314	24 x 4,9 x 12	26	35 - 25,4 mm	1096045
364	24 x 4,9 x 12	35	35 - 25,4 mm	1096046
414	24 x 4,9 x 12	35	35 - 25,4 mm	1096047
464	24 x 4,9 x 12	39	35 - 25,4 mm	1096048
514	24 x 4,9 x 12	44	35 - 25,4 mm	1096049
614	24 x 4,9 x 12	52	35 - 25,4 mm	1096050
664	24 x 4,9 x 12	57	35 - 25,4 mm	1096051
714	24 x 4,9 x 12	62	35 - 25,4 mm	1096052
814	24 x 4,9 x 12	70	35 - 25,4 mm	1096053
908	24 x 4,9 x 12	79	35 - 25,4 mm	1096054
1014	24 x 4,9 x 12	87	35 - 25,4 mm	1096055
1208	24 x 4,9 x 12	106	35 - 25,4 mm	1096056

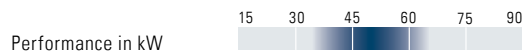


Further segment widths on demand

### BSP 451



· long segments for smooth cutting, longer life time



Auxiliary holes + divided circle:  
6 NL Ø13 TK 120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	20 x 3,9 x 10	60	35 - 25,4 mm	1092240
600	20 x 5,0 x 10	72	35 - 25,4 mm	1092241
700	20 x 4,4 x 10	82	35 - 25,4 mm	1092242
800	20 x 4,4 x 10	92	35 - 25,4 mm	1092243
1000	20 x 4,4 x 10	112	35 - 25,4 mm	1092244
1200	20 x 4,4 x 10	132	35 - 25,4 mm	1092245
1500	20 x 4,4 x 10	166	35 - 25,4 mm	1092246



Further segment widths on demand

# CONCRETE

## LASER-WELDED DIAMOND BLADES FOR CONCRETE

### BSP 501



- long segments for smooth cutting, longer life time



Auxiliary holes + divided circle:  
6 NL Ø13 TK 120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
450	40 x 3,6 x 12	32	35 - 25,4 mm	794934
450	40 x 4,6 x 12	32	35 - 25,4 mm	794935
500	40 x 3,6 x 12	36	35 - 25,4 mm	794936
500	40 x 4,6 x 12	36	35 - 25,4 mm	794937
600	40 x 3,6 x 12	42	35 - 25,4 mm	794938
600	40 x 4,6 x 12	42	35 - 25,4 mm	794939
700	40 x 3,6 x 12	46	35 - 25,4 mm	794940
700	40 x 4,6 x 12	46	35 - 25,4 mm	794941
800	40 x 4,6 x 12	52	35 - 25,4 mm	794942
900	40 x 4,5 x 12	60	35 - 25,4 mm	1009945
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794943
1200	40 x 4,6 x 12	78	35 - 25,4 mm	794944
1500	40 x 4,6 x 12	92	35 - 25,4 mm	1031388

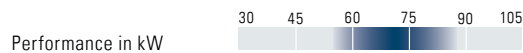


Further segment widths on demand

### BSP 601



- long segments for smooth cutting, longer life time



Auxiliary holes + divided circle:  
6 NL Ø13 TK 120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	40 x 3,6 x 12	36	35 - 25,4 mm	794945
600	40 x 4,0 x 12	42	35 - 25,4 mm	794946
600	40 x 4,5 x 12	42	35 - 25,4 mm	794947
700	40 x 4,5 x 12	46	35 - 25,4 mm	794948
800	40 x 4,5 x 12	52	35 - 25,4 mm	794949
900	40 x 4,5 x 12	60	35 - 25,4 mm	794950
1000	40 x 4,5 x 12	68	35 - 25,4 mm	794951
1200	40 x 4,5 x 12	78	35 - 25,4 mm	1027121
1500	40 x 4,5 x 12	92	35 - 25,4 mm	1031389



Further segment widths on demand



# CONCRETE

## LASER-WELDED DIAMOND BLADES FOR CONCRETE

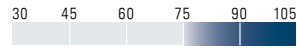
### BSP 703



· long segments for smooth cutting, longer life time



Performance in kW



Auxiliary holes + divided circle:  
6 NL Ø14 TK120

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
450	20 x 3,9 x 10	52	35 - 25,4 mm	1096058
500	20 x 5,0 x 10	52	35 - 25,4 mm	1096059
500	20 x 3,9 x 10	60	35 - 25,4 mm	1096060
500	20 x 4,4 x 10	60	35 - 25,4 mm	1096061
600	20 x 3,9 x 10	72	35 - 25,4 mm	1096062
600	20 x 4,4 x 10	72	35 - 25,4 mm	1096063
600	20 x 5,0 x 10	72	35 - 25,4 mm	1096064
650	20 x 4,4 x 10	76	35 - 25,4 mm	1096065
650	20 x 3,9 x 10	76	35 - 25,4 mm	1096066
750	20 x 4,4 x 10	86	35 - 25,4 mm	1096067
800	20 x 4,4 x 10	92	35 - 25,4 mm	1096068
800	20 x 5,0 x 10	92	35 - 25,4 mm	1096069
900	20 x 4,4 x 10	102	35 - 25,4 mm	1096070
1000	20 x 4,4 x 10	112	35 - 25,4 mm	1096071
1200	20 x 4,4 x 10	132	35 - 25,4 mm	1096072
1500	20 x 4,4 x 10	166	35 - 25,4 mm	1096073



Further segment widths on demand



# FRESH CONCRETE

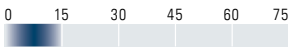
## LASER-WELDED DIAMOND BLADES FOR FRESH CONCRETE

### FBSP 202



#### UNIVERSAL FRESH CONCRETE

- short segments for good water supply and dust removal
- guard segments avoid the relief grinding

Performance in kW 



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
314	24 x 3,2 x 12	24	25,4 mm	1096074
364	24 x 3,2 x 12	30	25,4 mm	1096075
414	24 x 3,2 x 12	36	25,4 mm	1096076
464	24 x 4,0 x 12	42	25,4 mm	1096077
514	24 x 4,0 x 12	48	25,4 mm	1096078
614	24 x 4,0 x 12	54	25,4 mm	1096079
714	24 x 4,0 x 12	66	25,4 mm	1096080
814	24 x 4,0 x 12	72	25,4 mm	1096081

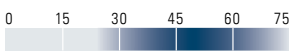
Further segment widths on demand

### FBSP 402



#### ABRASIVE FRESH CONCRETE

- short segments for good water supply and dust removal
- guard segments avoid the relief grinding

Performance in kW 



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 3,9 x 13	21	25,4 mm	1096083
350	40 x 2,8 x 13	25	25,4 mm	1096084
350	40 x 2,8 x 13	25	35 - 25,4 mm	1096085
350	40 x 3,2 x 13	25	35 - 25,4 mm	1096086
350	40 x 3,9 x 13	25	35 - 25,4 mm	1096087
350	40 x 5,0 x 13	25	35 - 25,4 mm	1096088
400	40 x 3,2 x 13	28	35 - 25,4 mm	1096089
400	40 x 3,9 x 13	28	35 - 25,4 mm	1096090
450	40 x 3,6 x 13	32	35 - 25,4 mm	1096091
500	40 x 3,6 x 13	36	35 - 25,4 mm	1096092
600	40 x 3,6 x 13	42	35 - 25,4 mm	1096093

Further segment widths on demand



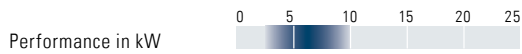
# CONCRETE

## LASER-WELDED DIAMOND BLADES FOR ELECTRICAL WALL SAWS

### WSP 3 E



- short segments wide feathered – fast cutting due to less cutting surface



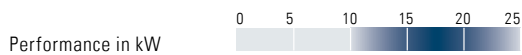
Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
600	40 x 4,5 x 10	36	35 mm	794615
600	40 x 5,0 x 10	36	35 mm	794616
650	40 x 4,5 x 10	38	35 mm	794617
700	40 x 4,5 x 10	40	35 mm	794618
800	40 x 4,0 x 10	45	35 mm	794619
800	40 x 4,7 x 10	45	35 mm	794620
1000	40 x 4,5 x 10	56	35 mm	794621
1000	40 x 5,0 x 10	56	35 mm	794622

Further segment widths on demand

### WSP 502



- short segments wide feathered – fast cutting due to less cutting surface



Auxiliary holes + divided circle:  
60 H7 + 6 NL M10 TK 130

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
600	20 x 3,9 x 10	54	60 mm	1096094
600	20 x 4,9 x 10	54	60 mm	1096095
650	20 x 3,9 x 10	56	60 mm	1096096
650	20 x 4,9 x 10	56	60 mm	1096097
700	20 x 4,9 x 10	64	60 mm	1096098
800	20 x 4,9 x 10	72	60 mm	1096100
825	20 x 4,9 x 10	72	60 mm	1096101
1000	20 x 4,9 x 10	86	60 mm	1096102
1025	20 x 4,9 x 10	86	60 mm	1096103
1200	20 x 4,9 x 10	104	60 mm	1096104

Further segment widths on demand

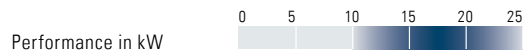
# CONCRETE

## LASER-WELDED DIAMOND BLADES FOR ELECTRICAL WALL SAWS

### WSP 602



- short segments wide feathered – fast cutting due to less cutting surface



Auxiliary holes + divided circle:  
60 H7 + 6 NL M10 TK 130

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
614	24 x 4,7 x 10+(2)	52	60 mm	1096105
714	24 x 4,7 x 10+(2)	62	60 mm	1096106
814	24 x 4,7 x 10+(2)	70	60 mm	1096107
908	24 x 4,7 x 10+(2)	79	60 mm	1096108
1014	24 x 4,7 x 10+(2)	87	60 mm	1096109
1208	24 x 4,7 x 10+(2)	106	60 mm	1096110
1306	24 x 4,7 x 10+(2)	114	60 mm	1096111
1406	24 x 4,7 x 10+(2)	123	60 mm	1096112
1506	24 x 4,7 x 10+(2)	132	60 mm	1096113
1606	24 x 4,7 x 10+(2)	141	60 mm	1096114

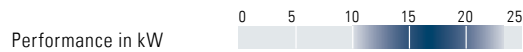


Further segment widths on demand

### WSP 702



- long segments for smooth cutting, longer life time



Auxiliary holes + divided circle:  
60 H7 + 6 NL M10 TK 130

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
600	20 x 4,9 x 13	60	60 mm	1094597
650	20 x 4,9 x 13	66	60 mm	1095345
800	20 x 4,4 x 13	82	60 mm	1095346
800	20 x 4,9 x 13	82	60 mm	1094598
1000	20 x 4,4 x 13	98	60 mm	1094599
1200	20 x 4,4 x 13	114	60 mm	1095347
1600	40 x 4,4 x 10	86	60 mm	1095348



Further segment widths on demand



# CONCRETE



DIAMOND WIRE FOR THE PROFESSIONAL USE IN CONCRETE AND REINFORCED CONCRETE



## BDSP 290

Description	beads / m	Article No.
BDSP 290	40	1092247

## BDSP 300

Description	beads / m	Article No.
BDSP 300	40	794199

## BDSP 400

Description	beads / m	Article No.
BDSP 400	40	794200

## BDSP 450 VB

Material hardness Steel and cast iron

Description	beads / m	Article No.
BDSP 450 VB	40	1092249

## BDSP 4-T

Material hardness Concrete

Description	beads / m	Article No.
BDSP 4-T	40	1036165



# ACCESSORIES

Accessory for diamond core bits

Description	Working length Ø in mm		Article No.
Ferrules	25 mm	8	791326
Kardan connector		10	791327



Description	Connection machine	Connection core bit	Article No.
Jointing clamp	M 16 Male	R ½" Female	-



# BKP 302 ROOF



## LASER-WELDED DIAMOND DRILL BITS FOR CONCRETE



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
52	24 x 3,5 x 11	5	1 1/4"	450 mm	1096115
62	24 x 3,5 x 11	6	1 1/4"	450 mm	1096116
72	24 x 3,5 x 11	7	1 1/4"	450 mm	1096117
82	24 x 3,5 x 11	7	1 1/4"	450 mm	1096118
92	24 x 3,5 x 11	8	1 1/4"	450 mm	1096119
102	24 x 3,5 x 11	9	1 1/4"	450 mm	1096120
112	24 x 3,5 x 11	9	1 1/4"	450 mm	1096121
122	24 x 4,0 x 11	10	1 1/4"	450 mm	1096122
127	24 x 4,0 x 11	10	1 1/4"	450 mm	1096123
132	24 x 4,0 x 11	11	1 1/4"	450 mm	1096124
142	24 x 4,0 x 11	11	1 1/4"	450 mm	1096125
152	24 x 4,0 x 11	12	1 1/4"	450 mm	1096126
162	24 x 4,0 x 11	13	1 1/4"	450 mm	1096127
172	24 x 4,0 x 11	13	1 1/4"	450 mm	1096128
182	24 x 4,0 x 11	14	1 1/4"	450 mm	1096129
192	24 x 4,0 x 11	14	1 1/4"	450 mm	1096130
200	24 x 4,0 x 11	15	1 1/4"	450 mm	1096131
202	24 x 4,0 x 11	15	1 1/4"	450 mm	1096132
225	24 x 4,5 x 11	16	1 1/4"	450 mm	1096133
250	24 x 4,5 x 11	17	1 1/4"	450 mm	1096134
300	24 x 5,0 x 11	22	1 1/4"	450 mm	1096135
350	24 x 5,0 x 11	22	1 1/4"	450 mm	1096136



# SEGMENTS BKP 302 ROOF



Ø in mm	Segments (LxWxH)	Article No.
45-52	24 x 3,5 x 9,5 +(1,5)	1096137
56-67	24 x 3,5 x 9,5 +(1,5)	1096138
72-87	24 x 3,5 x 9,5 +(1,5)	1096139
92-112	24 x 3,5 x 9,5 +(1,5)	1096140
107-142	24 x 4,0 x 9,5 +(1,5)	1096141
142-182	24 x 4,0 x 9,5 +(1,5)	1096142
182-272	24 x 4,0 x 9,5 +(1,5)	1096143
182-272	24 x 4,5 x 9,5 +(1,5)	1096144
272-502	24 x 5,0 x 9,5 +(1,5)	1096145
gerade	24 x 5,0 x 9,5 +(1,5)	1096146



# BKP 352 ROOF



LASER-WELDED DIAMOND  
DRILL BITS FOR HEAVILY  
REINFORCED CONCRETE



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
52	24 x 3,5 x 11	5	1 1/4"	450 mm	1096148
62	24 x 3,5 x 11	6	1 1/4"	450 mm	1096149
72	24 x 3,5 x 11	7	1 1/4"	450 mm	1096150
82	24 x 3,5 x 11	7	1 1/4"	450 mm	1096151
92	24 x 3,5 x 11	8	1 1/4"	450 mm	1096152
102	24 x 3,5 x 11	9	1 1/4"	450 mm	1096153
112	24 x 3,5 x 11	9	1 1/4"	450 mm	1096154
122	24 x 4,0 x 11	10	1 1/4"	450 mm	1096155
127	24 x 4,0 x 11	10	1 1/4"	450 mm	1096156
132	24 x 4,0 x 11	11	1 1/4"	450 mm	1096157
142	24 x 4,0 x 11	11	1 1/4"	450 mm	1096158
152	24 x 4,0 x 11	12	1 1/4"	450 mm	1096159
162	24 x 4,0 x 11	13	1 1/4"	450 mm	1096160
172	24 x 4,0 x 11	13	1 1/4"	450 mm	1096161
182	24 x 4,0 x 11	14	1 1/4"	450 mm	1096162
192	24 x 4,0 x 11	14	1 1/4"	450 mm	1096163
200	24 x 4,0 x 11	15	1 1/4"	450 mm	1096164
202	24 x 4,0 x 11	15	1 1/4"	450 mm	1096165
225	24 x 4,5 x 11	16	1 1/4"	450 mm	1096166
250	24 x 4,5 x 11	17	1 1/4"	450 mm	1096167
300	24 x 5,0 x 11	22	1 1/4"	450 mm	1096168
350	24 x 5,0 x 11	22	1 1/4"	450 mm	1096169



# BKP 402 ROOF



LASER-WELDED DIAMOND  
DRILL BITS FOR HEAVILY  
REINFORCED CONCRETE



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
52	24 x 3,5 x 11	5	1 1/4"	450 mm	1096170
62	24 x 3,5 x 11	6	1 1/4"	450 mm	1096171
72	24 x 3,5 x 11	7	1 1/4"	450 mm	1096172
82	24 x 3,5 x 11	7	1 1/4"	450 mm	1096173
92	24 x 3,5 x 11	8	1 1/4"	450 mm	1096174
102	24 x 3,5 x 11	9	1 1/4"	450 mm	1096175
112	24 x 3,5 x 11	9	1 1/4"	450 mm	1096176
122	24 x 4,0 x 11	10	1 1/4"	450 mm	1096177
132	24 x 4,0 x 11	11	1 1/4"	450 mm	1096178
142	24 x 4,0 x 11	11	1 1/4"	450 mm	1096179
152	24 x 4,0 x 11	12	1 1/4"	450 mm	1096180
162	24 x 4,0 x 11	13	1 1/4"	450 mm	1096181
172	24 x 4,0 x 11	13	1 1/4"	450 mm	1096182
182	24 x 4,0 x 11	14	1 1/4"	450 mm	1096183
192	24 x 4,0 x 11	14	1 1/4"	450 mm	1096184
200	24 x 4,0 x 11	15	1 1/4"	450 mm	1096185
202	24 x 4,0 x 11	15	1 1/4"	450 mm	1096186
225	24 x 4,5 x 11	16	1 1/4"	450 mm	1096187
250	24 x 4,5 x 11	17	1 1/4"	450 mm	1096188
300	24 x 5,0 x 11	22	1 1/4"	450 mm	1096189
350	24 x 5,0 x 11	22	1 1/4"	450 mm	1096190



# SEGMENTS BKP 402 ROOF



Ø in mm	Segments (LxWxH)	Article No.
45-52	24 x 3,5 x 9,5 +(1,5)	1096191
56-67	24 x 3,5 x 9,5 +(1,5)	1096192
72-87	24 x 3,5 x 9,5 +(1,5)	1096193
92-112	24 x 3,5 x 9,5 +(1,5)	1096194
107-142	24 x 4,0 x 9,5 +(1,5)	1096195
142-182	24 x 4,0 x 9,5 +(1,5)	1096196
182-272	24 x 4,0 x 9,5 +(1,5)	1096197
182-272	24 x 4,5 x 9,5 +(1,5)	1096198
272-502	24 x 5,0 x 9,5 +(1,5)	1096199
gerade	24 x 5,0 x 9,5 +(1,5)	1096200





# RKP 402 ROOF



LASER-WELDED DIAMOND  
DRILL BITS FOR HEAVILY  
REINFORCED CONCRETE



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
12	12 x 2,0 x 10	1	R 1/2"	350 mm	1096202
14	14 x 2,0 x 10	1	R 1/2"	350 mm	1096203
15	15 x 2,5 x 10	1	R 1/2"	350 mm	1096204
16	16 x 2,5 x 10	1	R 1/2"	350 mm	1096205
18	18 x 2,5 x 10	1	R 1/2"	350 mm	1096206
20	20 x 2,5 x 10	1	R 1/2"	350 mm	1096207
22	22 x 2,5 x 10	1	R 1/2"	350 mm	1096208
24	24 x 2,5 x 10	1	R 1/2"	350 mm	1096209
25	25 x 2,5 x 10	1	R 1/2"	350 mm	1096210
26	26 x 2,5 x 10	1	R 1/2"	350 mm	1096211
28	28 x 2,5 x 10	1	R 1/2"	350 mm	1096212
30	30 x 2,5 x 10	1	R 1/2"	350 mm	1096213
32	32 x 2,5 x 10	1	R 1/2"	350 mm	1096214
35	35 x 3,0 x 10	1	R 1/2"	350 mm	1096215
38	38 x 3,0 x 10	1	R 1/2"	350 mm	1096216
40	40 x 3,0 x 10	1	R 1/2"	350 mm	1096217
42	42 x 3,5 x 10	1	R 1/2"	350 mm	1096218
52	52 x 3,5 x 10	1	R 1/2"	350 mm	1096219



# APPLICATION TABLE

## PREMIUM

Tool type								Asphalt	Concrete	Natural stone	Ceramics	Sand-lime stone	Hard stone	Abrasive	Fresh concrete	Iron	Page
PSW 22	•											+		+++			160
PSWD 22	•											+		+++			160
KSWD 22	•											+++		+			160
ASW 11			•	•				+++						++	+		161
MUSW 10			•	•				++	++					+			161
BSW 12			•	•					+++								162
BSW 15	•	•	•						+++	+							162
PR. TURBO	•								+++								163
PR. SILVER	•								+++								163
GSWD 10	•		•						++	++							164
GSWL 21	•								++	++							164
GSW 23	•	•	•						++	+++			+				164
GSW 30	•		•						++	++							165
KLSW 10		•	•						++	+++			++				165
GALA SPEZ.	•								++	+++							165
CHAMPION	•	•	•						++	++							165
FSW 20	•	•									++						166
FSZW 10	•	•	•								+++						166
ABSW 10	•	•	•									+		+++			166
MRSW 10		•												++			167
FRSW 10																	167
- ASPHALT				•				+++									167
- Concrete				•					+++								167
RSW 10																	168
- ASPHALT		•						+++						++			168
- Concrete		•							+++					+			168
AASW 11				•				+++									168
BASW 11				•					+++								168
ASTW 20		•					•	++	+			+		+++			169
BSTW 10		•					•		+++	+				+			169
BSTW 30		•					•		+++	+				+			169
PKDW 10							•							+++			170
BSDW 10S									+++			+		+			171
BSDW 10									+++					+			171
BSDW 20									+++					++			171
APRW 10						Partner saw		+						+++			172
BPRW 10						Partner saw			+++			+					172
BPRW 20						Partner saw			+++								172
BKNW 12					•	•			+++								173
BKNW 21					•	•			+++								173
BDW 10					•				+++								174
KDW 10					•							+++		++			174
ADW 10					•							+		+++			174
Accessories																	175

# APPLICATION TABLE

## TRENDLINE

Tool type								Asphalt	Concrete	Natural stone	Ceramics	Sand-lime stone	Hard stone	Abrasive	Page
TL Abrasiv		•						+++						+++	176
TL Poroton	•											+		+++	176
TL Asphalt			•	•				+++						+	177
TL Concrete	•	•	•						+++					+	178
TL Concrete Laser	•	•	•	•					+++						178
TL Granit	•	•	•						++	+++					179
TL Turbo Universal	•	•	•						++	++	++				179
TL Fliese	•	•									+++				180
Tile drills		•									+++				180
TL Grinding discs															181
- Concrete		•							+++					+	181
- Abrasive		•						+						+++	181
TL Core bits					•	•			++					+	182
TL Core edge sinkers					•				++					++	182
Accessories						•									183

+ suitable to only a limited extent  
 ++ recommended  
 +++ optimal recommended



Wet cutting



Dry cutting

**DETENSO** Silent core

**SILENT** Sandwich core



## PSW 22



ABRASIVE

Diamond blades for poroton, abrasive materials, sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
700	40 x 4,4 x 10	40	60 - 55,0 mm	790170
900	40 x 4,8 x 10	52	60 - 55,0 mm	790185

## PSWD 22



ABRASIVE

Sandwich-diamond blades for poroton, abrasive materials, sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
700	40 x 4,4 x 10	40	60 - 55,0 mm	791262
900	40 x 5,0 x 10	52	60 - 55,0 mm	791263
1000	40 x 5,0 x 10	70	60 - 55,0 mm	791264

## KSWD 22



SAND-LIME STONE

Sandwich-diamond blades for sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	40 x 3,8 x 10	36	25,4 mm	1010059
600	40 x 4,2 x 10	42	25,4 mm	1092250
650	40 x 4,2 x 10	44	25,4 mm	1092251
700	40 x 4,6 x 10	50	60 - 55,0 mm	791343
900	40 x 4,8 x 10	64	60 - 55,0 mm	791344
1000	40 x 5,0 x 10	70	60 - 55,0 mm	791345

# ASW 11



ASPHALT

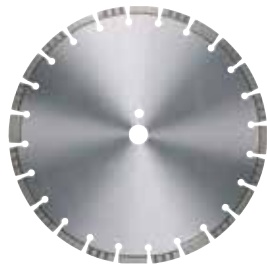
Diamond blades for asphalt, with inclined protection segments



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 3,0 x 10	18	20,0 mm	1054970
300	40 x 3,0 x 10	18	25,4 mm	1054972
350	40 x 3,1 x 10	21	20,0 mm	1054975
350	40 x 3,1 x 10	21	25,4 mm	1054976
400	40 x 3,4 x 10	24	20,0 mm	1054977
400	40 x 3,4 x 10	24	25,4 mm	1054979
450	40 x 3,6 x 10	28	25,4 mm	1054980
500	40 x 3,7 x 10	30	25,4 mm	1054982
600	40 x 4,0 x 10	42	25,4 mm	1054983
700	40 x 4,6 x 10	45	25,4 mm	1054984
800	40 x 4,8 x 10	52	25,4 mm	1054985



# MUSW 10



ASPHALT, CONCRETE

Diamond blades for asphalt and concrete with alternating and protection segments, reduction of tools changing times



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 2,8 x 10	20	20,0 mm	790312
300	40 x 2,8 x 10	20	25,4 mm	790677
350	40 x 3,0 x 10	22	20,0 mm	790695
350	40 x 3,0 x 10	22	25,4 mm	790696
400	40 x 3,2 x 10	27	20,0 mm	790697
400	40 x 3,2 x 10	27	25,4 mm	790698
450	40 x 3,4 x 10	30	25,4 mm	790352





## BSW 12



CONCRETE

Diamond blades for concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 3,0 x 10	21	20 mm	1070147
300	40 x 3,0 x 10	21	25,4 mm	1070148
350	40 x 3,0 x 10	24	20 mm	1070149
350	40 x 3,0 x 10	24	25,4 mm	1070150
350	40 x 3,0 x 10	24	30 mm	1070151
400	40 x 3,4 x 10	28	20 mm	1070152
400	40 x 3,4 x 10	28	25,4 mm	1070153
400	40 x 3,4 x 10	28	30 mm	1070154
450	40 x 3,4 x 10	32	25,4 mm	1070155
450	40 x 3,4 x 10	32	30 mm	1070158
450	40 x 3,4 x 10	32	35 mm	1070160
500	40 x 3,6 x 10	36	25,4 mm	1070161
500	40 x 3,6 x 10	36	30 mm	1070163
500	40 x 3,6 x 10	36	35 mm	1070164
600	40 x 4,0 x 10	42	25,4 mm	1070166
600	40 x 4,0 x 10	42	35 mm	1070168
700	40 x 4,2 x 10	45	25,4 mm	1070169
700	40 x 4,2 x 10	45	35 - 25,4 mm	1070170
800	40 x 4,2 x 10	52	25,4 mm	1070171



## BSW 15



CONCRETE

Diamond blades for concrete, reinforced concrete and curbstones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
115	31,5 x 2,4 x 12	8	22,2 mm	1041834
125	31,5 x 2,4 x 12	9	22,2 mm	1041835
230	38 x 2,6 x 12	15	22,2 mm	1041836
300	40 x 3,2 x 12	20	20,0 mm	1041837
350	40 x 3,2 x 12	23	20,0 mm	1041838
350	40 x 3,2 x 12	23	25,4 mm	1041839
400	40 x 3,2 x 12	23	25,4 mm	1041840



# PREMIUM TURBO



CONCRETE

Diamond blades for concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
600	40 x 4,2 x 10	40	60,0 mm	1070174
650	40 x 4,4 x 10	43	60,0 mm	1070175
700	40 x 4,8 x 10	46	60,0 mm	1070177
800	40 x 4,8 x 10	52	60,0 mm	1070178
900	40 x 5,0 x 10	60	60,0 mm	1070179
1000	40 x 5,0 x 10	70	60,0 mm	1070180

# PREMIUM SILVER



**SILENT**

CONCRETE

Sandwich-diamond blades  
for concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
700	40 x 4,6 x 10	50	60- 55,0 mm	791295
900	40 x 4,8 x 10	64	60- 55,0 mm	791296
1000	40 x 5,0 x 10	70	60- 55,0 mm	791297



## GSWD 10



**SILENT**

NATURAL STONE

Sandwich diamond blades for granite, natural and artificial stones, concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	38 x 2,6 x 12	15	22,2 mm	1041898
350	40 x 3,2 x 12	23	25,4 mm	1041899
400	40 x 3,4 x 12	28	25,4 mm	1041900
450	40 x 3,6 x 12	32	25,4 mm	1041903

## GSWL 21



**DETENSO**

NATURAL STONE

Diamond blades for granite, natural and artificial stones, concrete with silent core



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	20 x 2,6 x 12	26	22,2 mm	1070173
300	20 x 3,0 x 12	36	20,0 mm	790683
300	20 x 3,0 x 12	36	30 - 25,4 mm	790684
350	20 x 3,2 x 12	40	20,0 mm	790685
350	20 x 3,2 x 12	40	25,4 mm	791238
350	20 x 3,2 x 12	40	30 - 25,4 mm	790686
400	20 x 3,5 x 12	48	20,0 mm	790688
400	20 x 3,5 x 12	48	30 - 25,4 mm	790689
450	20 x 3,5 x 12	54	30 - 25,4 mm	790690

## GSW 23



NATURAL STONE

Diamond blades for granite, natural and artificial stones, reinforced concrete and clinker



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	40 x 2,8 x 12	16	22,2 mm	1070182
300	37 x 3,3 x 12	22	20,0 mm	1070183
300	37 x 3,3 x 12	22	25,4 mm	1070184
300	37 x 3,3 x 12	22	30 - 25,4 mm	1070185
350	40 x 3,2 x 12	24	20,0 mm	1070186
350	40 x 3,2 x 12	24	25,4 mm	1070187
350	40 x 3,2 x 12	24	30 - 25,4 mm	1070188
400	40 x 3,2 x 12	28	20,0 mm	1070189
400	40 x 3,2 x 12	28	25,4 mm	1070190

## GSW 30



SILENT

NATURAL STONE

Sandwich diamond blades for granite, natural and artificial stones, concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 3,0 x 12	24	25,4 mm	1092252
400	40 x 3,4 x 12	28	25,4 mm	1092254

## KLSW 10



CLINKER

Diamond blades for clinker and hard stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 2,5 x 10	21	20,0 mm	1015116
350	40 x 2,5 x 10	24	20,0 mm	1015117
400	40 x 3,0 x 10	28	25,4 mm	1070145

## GALA SPEZIAL



NATURAL STONE

Diamond blades for concrete, granite and natural stones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 3,2 x 17	21	25,4 mm	1052627
400	40 x 3,6 x 17	24	25,4 mm	1052628
450	40 x 3,6 x 17	27	25,4 mm	1052629

## CHAMPION



CONCRETE

Diamond blades for concrete and natural stones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	39 x 2,6 x 10	16	22,2 mm	790875
350	40 x 3,2x 10	24	25,4 mm	790876

## FSW 20



### CERAMICS

Diamond blades for tiles and ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.
115	1,6 x 7,5	22,2 mm	790412
125	1,6 x 7,5	22,2 mm	790413
150	1,6 x 7,5	22,2 mm	790414
180	1,6 x 7,5	22,2 mm	790415
200	1,6 x 7,5	20,0 mm	790416
200	1,6 x 7,5	22,2 mm	790417
230	1,6 x 7,5	22,2 mm	790418
250	1,6 x 7,5	30,0 mm	790419
300	2,0 x 7,5	25,4 mm	790421
300	2,0 x 7,5	30,0 mm	790422
350	30 x 2,0 x 7,5	20,0 mm	790423
350	30 x 2,0 x 7,5	25,4 mm	790424
350	30 x 2,0 x 7,5	30,0 mm	790425



## FSZW 10



### STONEWARE

Diamond blades for stoneware and ceramics



Ø in mm	Segments (LxWxH)	Bore hole	Article No.
300	2,4 x 10	25,4 mm	1096449
350	2,4 x 10	25,4 mm	1096450



## ABSW 10



### ABRASIVE

Diamond blades for abrasive materials, sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	37 x 2,7 x 10	16	22,2 mm	790931
300	40 x 2,7 x 10	18	20,0 mm	790932
300	40 x 2,7 x 10	18	30-25,4 mm	790933
350	40 x 3,0 x 10	21	20,0 mm	790934
350	40 x 3,0 x 10	21	30-25,4 mm	790935
400	40 x 3,6 x 10	24	30-25,4 mm	790954
450	40 x 3,6 x 10	24	30-25,4 mm	790125



## MRSW 10



ABRASIVE

Diamond mortar reamer



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
115	30 x 4,5 x 7	9	22,2 mm	790602
115	34 x 8,0 x 7	9	22,2 mm	790604
125	30 x 4,5 x 7	10	22,2 mm	790605
125	34 x 8,0 x 7	10	22,2 mm	790607

## FRSW 10



ASPHALT

Diamond milling cutter for asphalt  
10 mm wide



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	50 x 10 x 6	24	25,4 mm	790348

## FRSW 10



CONCRETE

Diamond milling cutter for concrete  
10 mm wide



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	50 x 8 x 6	21	25,4 mm	1077005
350	50 x 10 x 6	21	25,4 mm	790355
350	50 x 12 x 6	21	25,4 mm	1077006





# RSW 10



ASPHALT

Diamond crack milling cutter for asphalt



Ø in mm	Width of segments	No.	Bore hole	Article No.
125	10 mm	9	22,2 mm	791281
180	10 mm	14	22,2 mm	790682

CONCRETE

Diamond crack milling cutter for concrete



Ø in mm	Width of segments	No.	Bore hole	Article No.
125	10 mm	9	22,2 mm	790319
180	10 mm	14	22,2 mm	791261

# AASW 11



ASPHALT

Diamond chamfering blades for asphalt (two-piece), 45°



Ø in mm	No.	Bore hole	Article No.
280	26	25,4 mm	1056502

CONCRETE

Diamond chamfering blades for concrete (two-piece), 45°

# BASW 11



Ø in mm

No.

Bore hole

Article No.

Price €



280	26	25,4 mm	1056504	
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## ASTW 20



### ABRASIVE

Diamond grinding discs for floor pavement, sandstone, plaster, abrasive concrete



Ø in mm	Type	Bore hole	Article No.
100	double row	22,2 mm	790394
115	double row	22,2 mm	790555
125	double row	22,2 mm	790395
180	double row	22,2 mm	790396
230	double row	22,2 mm	790556

## BSTW 10



### CONCRETE

Diamond grinding discs for concrete and other hard surfaces



Ø in mm	Type	Bore hole	Article No.
100	double row	22,2 mm	790618
125	double row	22,2 mm	790619
150	double row	22,2 mm	790938
180	double row	22,2 mm	790620

## BSTW 30



### CONCRETE

Diamond grinding discs for concrete, natural stone and other hard surfaces



Ø in mm	Type	Bore hole	Article No.
125	block segments	22,2 mm	1092256
150	block segments	19,0 mm	1092257
180	block segments	22,2 mm	1092261



# PKDW 10



Diamond grinding discs for  
paint, coatings, bitumen,  
dispersion adhesive, glue and  
sealing material



Ø in mm	Bore hole	Article No.
125	22,2 mm	1019117
180	22,2 mm	1041841

## BSDW 10S



CONCRETE

Diamond grinding discs for  
concrete and floor pavement



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
250	40 x 10 x 10	16	19 mm	1041842

## BSDW 10



CONCRETE

Diamond grinding discs for  
concrete and floor pavement



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
250	40 x 10 x 10	20	20 mm	1041843

## BSDW 20



CONCRETE

Diamond grinding discs for  
concrete and floor pavement



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
250	40 x 10 x 10	20	19 mm	1041844



## APRW 10



ABRASIVE

Partner-rings for  
abrasive materials



Ø in mm	Segments (LxWxH)	No.	Segment type	Article No.
350	33 x 4,3 x 10	22	block segments	790362

## BPRW 10

CONCRETE

Partner-rings for concrete



Ø in mm	Segments (LxWxH)	No.	Segment type	Article No.
350	33 x 4,3 x 10	22	turbo segment	790361

## BPRW 20

CONCRETE

Partner-rings for concrete



Ø in mm	Segments (LxWxH)	No.	Segment type	Article No.
350	33 x 4,3 x 10	22	block segment	790360

## ACCESSORIES

Accessories for partner-rings

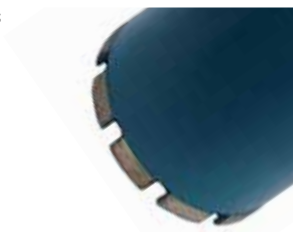
Description	Article No.
drive wheel	790842

## BKNW 12



CONCRETE

Diamond core bits  
for concrete



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
42	24 x 3,5 x 10	4	1 1/4"	450 mm	1070210
52	24 x 3,5 x 10	5	1 1/4"	450 mm	1070211
56	24 x 3,5 x 10	5	1 1/4"	450 mm	1070212
62	24 x 3,5 x 10	6	1 1/4"	450 mm	1070213
72	24 x 3,5 x 10	7	1 1/4"	450 mm	1070214
82	24 x 3,5 x 10	7	1 1/4"	450 mm	1070215
92	24 x 3,5 x 10	8	1 1/4"	450 mm	1070216
102	24 x 3,5 x 10	9	1 1/4"	450 mm	1070217
112	24 x 3,5 x 10	10	1 1/4"	450 mm	1070218
122	24 x 3,5 x 10	10	1 1/4"	450 mm	1070219
127	24 x 3,5 x 10	10	1 1/4"	450 mm	1070220
132	24 x 3,5 x 10	11	1 1/4"	450 mm	1070221
142	24 x 4,0 x 10	11	1 1/4"	450 mm	1070222
152	24x 4,0 x 10	12	1 1/4"	450 mm	1070223
162	24 x 4,0 x 10	12	1 1/4"	450 mm	1070225
172	24 x 4,0 x 10	13	1 1/4"	450 mm	1070226
182	24 x 4,0 x 10	14	1 1/4"	450 mm	1070227
200	24 x 4,0 x 10	15	1 1/4"	450 mm	1070228



Further diameters and lengths on demand

## BKNW 21

CONCRETE

Diamond core bits with  
3-hole connection  
for channel core drilling  
systems

Adapter page 155



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
112	24 x 3,5 x 9	10	3-hole	320 mm	791209
127	24 x 3,5 x 9	10	3-hole	320 mm	791210
152	24 x 4,0 x 9	12	3-hole	320 mm	791211
187	24 x 4,5 x 9	14	3-hole	320 mm	791212
200	24 x 4,5 x 9	15	3-hole	320 mm	791213
232	24 x 4,5 x 9	16	3-hole	320 mm	791214
257	24 x 4,5 x 9	17	3-hole	320 mm	791215



Further diameters and lengths on demand





## BDW 10



CONCRETE

Diamond core edge sinkers  
for concrete



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
68	24x3,5x7	3	M 16	60,0mm	790225
82	24x3,5x7	4	M 16	60,0mm	790226

## KDW 10



SAND-LIME STONE

Diamond core edge sinkers  
for sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
68	12x3,5x8	6	M 16	60,0mm	790223
82	12x3,5x8	10	M 16	60,0mm	790224

## ADW 10



ABRASIVE


Diamond core edge sinkers  
for abrasive materials





Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
68	24x3,5x7	3	M 16	60,0mm	790221
82	24x3,5x7	4	M 16	60,0mm	790222

# ACCESSORIES

## Accessories for diamond core edge sinkers

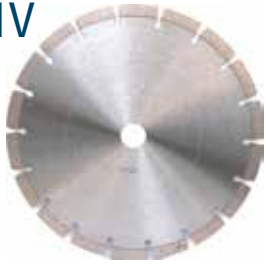
	<b>Description</b>	<b>Connection machine</b>	<b>Connection core edge sinkers</b>	<b>Article No.</b>
	Shank (incl. taper bit)	6-Kant	M 16	790497

	<b>Description</b>	<b>Connection machine</b>	<b>Connection core edge sinkers</b>	<b>Article No.</b>
	Shank (incl. taper bit)	SDS-plus	M 16	790498

	<b>Description</b>			<b>Article No.</b>
	Pilot drill bit			790499



## TL ABRASIV



### ABRASIVE

Diamond blades for abrasive materials



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
115	38 x 2,2 x 10	8	22,2 mm	791114
125	37 x 2,4 x 10	9	22,2 mm	791115
180	34 x 2,6 x 10	14	22,2 mm	791116
230	39 x 2,8 x 10	16	22,2 mm	791117



## TL POROTON



### POROTON

Diamond blades for poroton, abrasive materials and pumice



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
625	40 x 4,4 x 10	36	60 - 55,0 mm	790429
650	40 x 4,4 x 10	38	60 - 55,0 mm	790431
700	40 x 4,4 x 10	40	60 - 55,0 mm	790188
900	40 x 4,8 x 10	52	60 - 55,0 mm	790152
1000	40 x 4,8 x 10	70	60 - 55,0 mm	790168



# TL ASPHALT



## ASPHALT

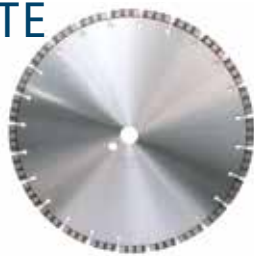
Diamond blades for asphalt, with inclined protection segments



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 3,2 x 10	18	20,0 mm	791140
300	40 x 3,2 x 10	18	25,4 mm	791118
350	40 x 3,2 x 10	21	20,0 mm	791141
350	40 x 3,2 x 10	21	25,4 mm	791119
400	40 x 3,6 x 10	24	25,4 mm	791120
450	40 x 3,6 x 10	28	25,4 mm	791121
500	40 x 3,6 x 10	30	25,4 mm	791122
600	40 x 4,0 x 10	36	25,4 mm	791123



## TL CONCRETE



CONCRETE

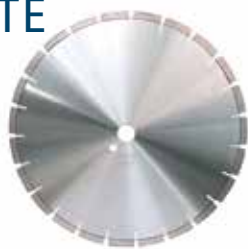
Diamond blades for concrete and construction materials



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
115	31,5 x 2,4 x 10	9	22,2 mm	791100
125	31,5 x 2,4 x 10	10	22,2 mm	791101
230	31,5 x 2,6 x 10	16	22,2 mm	791102
300	40 x 3,2 x 10	21	20,0 mm	791136
300	40 x 3,2 x 10	21	25,4 mm	791103
350	40 x 3,2 x 10	24	20,0 mm	791137
350	40 x 3,2 x 10	24	25,4 mm	791104
400	40 x 3,4 x 10	28	20,0 mm	791142
400	40 x 3,4 x 10	28	25,4 mm	791105
450	40 x 3,4 x 10	32	25,4 mm	791106



## TL CONCRETE LASER



CONCRETE

Diamond blades for concrete, reinforced concrete and construction materials



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
115	31 x 2,0 x 10	9	22,2 mm	791143
125	31 x 2,1 x 10	10	22,2 mm	791144
230	38 x 2,5 x 10	16	22,2 mm	791145
300	40 x 2,8 x 10	21	20,0 mm	791200
300	40 x 2,8 x 10	21	30,0 mm	791146
350	40 x 3,2 x 10	24	20,0 mm	791201
350	40 x 3,2 x 10	24	30-25,4 mm	791147
400	40 x 3,5 x 10	28	20,0 mm	791202
400	40 x 3,5 x 10	28	25,4 mm	791148
450	40 x 3,6 x 10	32	25,4 mm	791149
500	40 x 4,0 x 10	36	25,4 mm	791150
600	40 x 4,0 x 10	42	25,4 mm	791151
650	40 x 4,0 x 10	44	25,4 mm	1081723
700	40 x 4,2 x 10	45	25,4 mm	1081725



## TL GRANIT



### GRANITE

Diamond blades for granite,  
natural and artificial stones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	42 x 2,6 x 10	16	22,2 mm	791109
300	38 x 3,0 x 10	21	20,0 mm	791138
300	38 x 3,0 x 10	21	30-25,4 mm	791110
350	40 x 3,2 x 10	24	20,0 mm	791139
350	40 x 3,2 x 10	24	30-25,4 mm	791111
400	38 x 3,5 x 10	28	30-25,4 mm	791112
450	38 x 4,0 x 10	32	30-25,4 mm	791113

## TL TURBO UNIVERSAL



### GRANITE, CERAMICS

Diamond blades for granite, bricks,  
ceramics, hard stoneware, fired tiles



Ø in mm	Segments (WxH)	Bore hole	Article No.
115	1,2 x 7,0	22,2 mm	791152
125	1,2 x 7,0	22,2 mm	791153
150	1,5 x 7,0	22,2 mm	791340
180	1,7 x 7,0	22,2 mm	791341
200	1,9 x 7,0	25,4 mm	791339
230	1,9 x 7,0	22,2 mm	791154
250	2,2 x 7,0	22,2 mm	791342
300	2,2 x 7,0	30-25,4 mm	791155
350	2,2 x 7,0	25,4 mm	791156





## TL FLIESE



### TILES

Diamond blades for tiles,  
dutch tiles, ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.
115	1,8 x 7	22,2 mm	791124
125	1,9 x 7	22,2 mm	791125
150	2,0 x 7	22,2 mm	791126
180	2,0 x 7	22,2 mm	791127
200	2,0 x 7	22,2 mm	791128
230	2,2 x 7	22,2 mm	791129
250	2,2 x 10	25,4 mm	791130
300	2,2 x 10	25,4 mm	791131
350	2,4 x 10	25,4 mm	791132



## TILE DRILLS



### TILES

Hollow drills for tiles, stoneware,  
natural stones

Ø in mm	Connection	Length	Article No.
20	M 14	64/45 mm	1070376
25	M 14	64/45 mm	1070377
35	M 14	64/45 mm	1070378
40	M 14	64/45 mm	1070379
45	M 14	64/45 mm	1070380
60	M 14	64/45 mm	1070381
68	M 14	64/45 mm	1070382



Diamond hollow drills case kit

1070383

## TL GRINDING DISCS



CONCRETE

Diamond grinding discs for concrete



Ø in mm	Type	Bore hole	Article No.
100	single row	22,2 mm	791224
125	single row	22,2 mm	791225
180	single row	22,2 mm	791226

## TL GRINDING DISCS



CONCRETE

Diamond grinding discs for concrete



Ø in mm	Type	Bore hole	Article No.
100	double row	22,2 mm	791133
125	double row	22,2 mm	791134
150	double row	22,2 mm	791199
180	double row	22,2 mm	791135

## TL GRINDING DISCS



ABRASIVE

Diamond grinding discs for abrasive materials



Ø in mm	Type	Bore hole	Article No.
100	double row	22,2 mm	791187
125	double row	22,2 mm	791188
180	double row	22,2 mm	791189



## TL CORE BITS



### Diamond core bits



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
40	24 x 3,5 x 9	4	1 1/4"	450 mm	791228
45	24 x 3,5 x 9	5	1 1/4"	450 mm	791229
52	24 x 3,5 x 9	5	1 1/4"	450 mm	791166
62	24 x 3,5 x 9	6	1 1/4"	450 mm	791168
72	24 x 3,5 x 9	7	1 1/4"	450 mm	791169
82	24 x 3,5 x 9	7	1 1/4"	450 mm	791170
92	24 x 3,5 x 9	8	1 1/4"	450 mm	791171
102	24 x 3,5 x 9	9	1 1/4"	450 mm	791172
112	24 x 4,0 x 9	10	1 1/4"	450 mm	791173
122	24 x 4,0 x 9	10	1 1/4"	450 mm	791174
127	24 x 4,0 x 9	10	1 1/4"	450 mm	791175
132	24 x 4,0 x 9	11	1 1/4"	450 mm	791176
142	24 x 4,0 x 9	11	1 1/4"	450 mm	791197
152	24 x 4,0 x 9	12	1 1/4"	450 mm	791177
162	24 x 4,0 x 9	12	1 1/4"	450 mm	791178
182	24 x 4,5 x 9	14	1 1/4"	450 mm	791180
200	24 x 4,5 x 9	15	1 1/4"	450 mm	791181
225	24 x 4,5 x 9	16	1 1/4"	450 mm	791184
232	24 x 4,5 x 9	16	1 1/4"	450 mm	791233
250	24 x 5,0 x 9	17	1 1/4"	450 mm	791185
270	25 x 5,0 x 9	19	1 1/4"	450 mm	791235
300	27 x 5,0 x 9	21	1 1/4"	450 mm	791236
350	28 x 5,0 x 9	23	1 1/4"	450 mm	791237



Further diameters on demand

## TL CORE EDGE SINKERS



### BRICKWORK


Diamond core edge sinker set -  
incl. HEX connection, taper bit  
and pilot drill bit


Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
68	24 x 3,5 x 8	3	M16 / 60	791195
72	24 x 3,5 x 8	4	M16 / 60	791204
82	24 x 3,5 x 8	4	M16 / 60	791196





# ACCESSORIES


Accessory for diamond core bits


	Description	Working length	Connection core bit	Article No.
	Extension	100 mm	R 1/2"	794502
	Extension	200 mm	R 1/2"	794503
	Extension	300 mm	R 1/2"	794504
	Extension	400 mm	R 1/2"	794505


	Description	Working length	Connection core bit	Article No.
	Extension	100 mm	1 1/4"	794310
	Extension	200 mm	1 1/4"	794311
	Extension	300 mm	1 1/4"	794506
	Extension	400 mm	1 1/4"	794507
Extension	500 mm	1 1/4"	794508	


	Description	Connection machine	Connection core bit	Article No.
	Adapter	M 16 Male	R 1/2" Female	-


	Description	Connection machine	Connection core bit	Article No.
	Adapter	1 1/4" Male	R 1/2" Male	790573

	Description	Connection machine	Connection core bit	Article No.
	Adapter	1 1/4" Female	R 1/2" Female	794552

	Description	Connection machine	Connection core bit	Article No.
	Adapter	W Female	1 1/4" Male	-

	Description	Connection machine	Connection core bit	Article No.
	Adapter	W Male	1 1/4" Female	-

	Description	Connection machine	Connection core bit	Article No.
	Adapter	R 1/2" Male	M18 Female	-

	Description	Connection machine	Connection core bit	Article No.
	Adapter	1 1/4" Muffe	3-holes	791306



## ABOUT AEMCO

AEMCO was established in 2007 as an organization focused to increase professionalism and productivity in the arena of coating and surface preparation across the Kingdom of Saudi Arabia. Latest trends and technologies in coating industry were made available from AEMCO to our professional end users to achieve quality results and satisfaction. We started our operations in Riyadh and expanded to Central, Eastern, Western and Northern Region of the Kingdom.

### نبذة عن الشركة:

تأسست شركة إيمكو في عام ٢٠٠٧ لتكون شركة تركز على زيادة الاحترافية والإنتاجية في ميدان الطلاء وتجهيز الأسطح للدهان في المملكة العربية السعودية. وفرت شركة إيمكو أحدث أساليب التقنية في مجال تنفيذ الطلاء لعملائنا المحترفين في صناعة تنفيذ الطلاء للوصول الى نتائج مبهرة ومرضية. بدأنا عملياتنا في الرياض وتطورت لتصل الى المنطقة الوسطى، المنطقة الشرقية، المنطقة الغربية والمنطقة الشمالية من المملكة العربية السعودية.

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All written and visual data contained in this document is based on the latest product information available at the time of publication.  
AEMCO reserves the right to make changes at any time without notice

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جده الدمام الرياض  
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Genuine People  
Genuine Spares  
Genuine Service