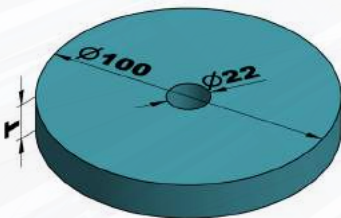
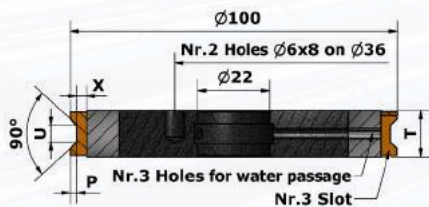
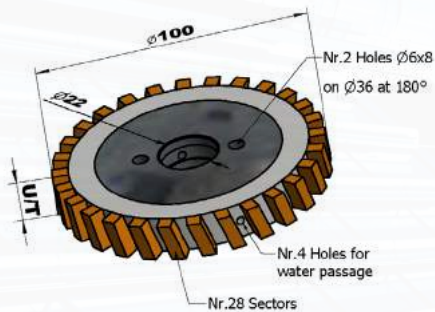




glaston
GENUINE CARE

Glaston Tools
CNC Catalog 2018

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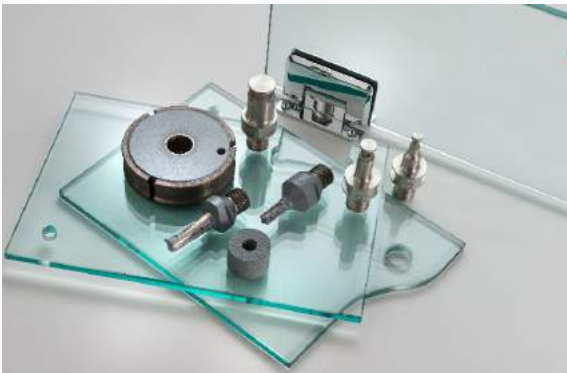
Introduction

Glaston Tools is a reliable and quality brand in flat glass pre-processing for applications in architecture, interiors and appliances. With over 70 years of market presence, Glaston Tools features a wide range of tools that cover all customer requirements in cutting, edging, beveling, milling and drilling. These tools are available for stand-alone machines or as integrated production lines.

Glaston Tools is a trademark of Glaston Corporation, the world's leading glass processing equipment and services provider. Glaston boasts the most extensive service assistance in the glass industry with over 20 local units available around the world.

Glaston Corporation is a solid and growing industrial group that is listed on the Helsinki Stock Exchange.

This catalog features the most modern CNC tools covering all glass pre-processing requirements.



Terminology for correct grinding wheel description

Body wheel description

D	External wheel diameter
T	Total wheel height
H	Bore diameter
J	Hub diameter
Y	Shank diameter
T1	Usable core-drill height
E	Hub thickness at the bore

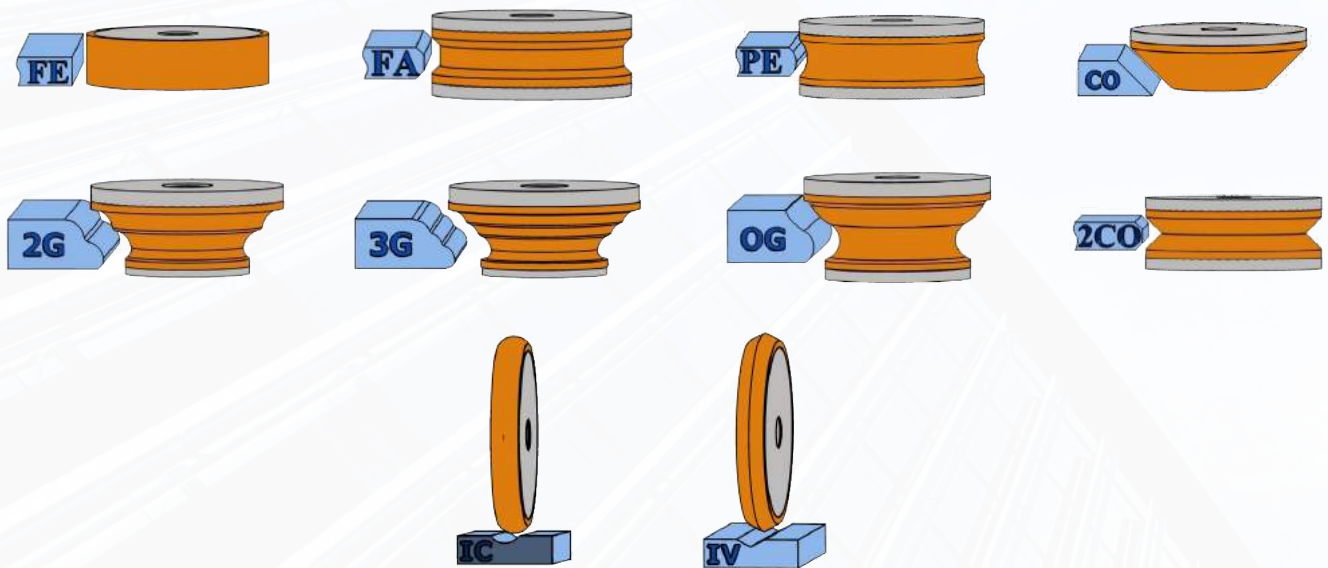
Bond description

M	Metal bond
B	Resin bond
G	Electroplated bond
R	Rubber bond

Diamond band description

U	Diamond band length (peripheral wheel)
W	Diamond section width (cup wheel)
X	Diamond section depth
P	Throat depth
R	Radius
V	Bevel angle
CC	Continuous crown
WS	Crown with slot
SS	Segmented crown
a	Wheel with internal water

Standard shapes



Notes:

For the realization of shapes not listed above, please contact our technicians directly.

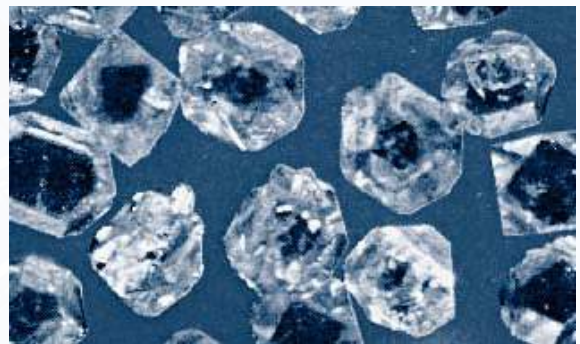
Example of how to describe a peripheral diamond wheel

Description	Shape	Type of crown	Overall dimensions (DxTxH)	Diamond band dimensions	Granulometry and bond
Diamond wheel	FA	CC	100x16x22	U5X3 P2 V45° a	100 M2014
Diamond wheel	FE	SS	100x23x22	U23X5	80 M1183
Diamond wheel	Cup	WS	150x39x11 J40 E15	W8X8 V15°	120 MB2
Diamond wheel	Cup	CC	150x40x22 E12	W15X10	200 B5293
Polishing wheel	FE	CC	100x25x22	U25 a	BBrill-B
Polishing wheel	Cup	CC	150x47x11 J40 E7	W22,5	BFlexi10S60

Granulometry and diamond concentration

Diamond granulometry comparison table		
FEPA STANDARD	U.S.MESH ASTM-E-11-70	ISO R 565 1972
D1181	8/9	1181/1000
D1001	9/10	1000/850
D851	20/25	850/710
D711	25/30	710/600
D601	30/35	600/500
D501	34/40	500/425
D426	40/45	425/355
D356	45/50	355/300
D301	50/60	300/250
D251	60/70	250/212
D213	70/80	212/180
D181	80/100	180/150
D151	100/120	150/125
D126	120/140	125/106
D107	140/170	106/90
D91	170/200	90/75
D76	200/230	75/63
D64	230/270	63/53
D54	270/325	53/45
D46	325/400	45/38
D39	400/500	38/25

Diamond concentration		
30 =	Kr 1.32 per	cm ³
50 =	Kr 2.20 per	cm ³
75 =	Kr 3.30 per	cm ³
100 =	Kr 4.40 per	cm ³
125 =	Kr 5.50 per	cm ³
150 =	Kr 6.60 per	cm ³



Dimensional control

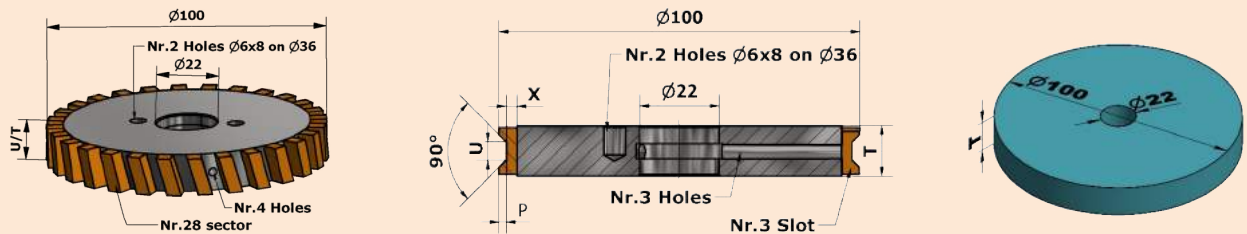
Dimension tolerances are crucial in achieving the best results during processing. For this reason, all important dimensions are determined depending on the tolerances specified in the drawings.

The Glaston Tools quality system ensures that every wheel meets all the specific requirements. The grinding wheels are automatically balanced and the overall permissible unbalance for standard wheels is 0.5 grams.

STANDARD WHEELS

These wheels are characterized by the simplicity of their production. They use proven and well-established binder **M1183**. The main features of this binder are excellent working speed, substantial removal, good durability, as well as high-quality workmanship. The polishing is so-called Brill, which guarantees an excellent finish and durability.

FA SHAPE Ø100 WS H22



DIAMOND WHEELS FE SS				
Glass	U/T	X	Large	Price €
3	8	5	T13510000136 Mesh 120	
4	8	5	T13510000136 Mesh 120	
5	8	5	T13510000136 Mesh 120	
6	8	5	T13510000136 Mesh 120	
8	10	5	T13510000153 Mesh 120	
10	12	5	T13510000147 Mesh 100	
12	14	5	T13510000146 Mesh 100	
15	17	5	T13510000128 Mesh 80	
19	21	5	T13510000127 Mesh 80	

DIAMOND WHEELS FA WS							
T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T11610000218 Mesh 170		T11610000169 Mesh 270	
14	2.7	3	2	T11610000219 Mesh 170		T11610000220 Mesh 270	
14	3.2	3	2	T11610000221 Mesh 170		T11610000189 Mesh 270	
14	3.7	3	2	T11610000222 Mesh 170		T11610000190 Mesh 270	
18	5.4	3	2	T11610000223 Mesh 140		T11610000171 Mesh 230	
18	7	3	2	T11610000205 Mesh 140		T11610000156 Mesh 230	
21	9	3	2	T11610000206 Mesh 140		T11610000161 Mesh 230	
24	12	3	2	T11610000153 Mesh 140		T11610000154 Mesh 230	
28	15	3.5	2.5	T11610000173 Mesh 140		T11610000163 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
10	T50910000030	
10	T50910000030	
10	T50910000030	
10	T50910000030	
15	T50910000001	
15	T50910000001	
15	T50910000001	
20	T50910000002	
25	T50910000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS FE SS				DIAMOND WHEELS FA WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-120	0.8-1.5	5-10	7000-8000	140-270	Max 0.6	3-12	7000-8000	0.1-10	0.1-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

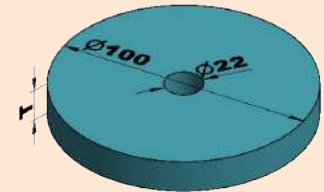
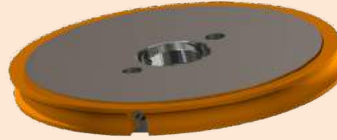
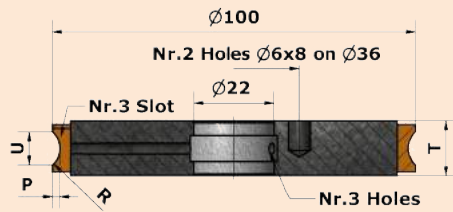
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

STANDARD WHEELS

PE SHAPE Ø100 WS H22



DIAMOND WHEELS PE WS

Glass	T	U	X	P	R	Large	Price €	Average	Price €	Fine	Price €
3	11	3.5	3.5	1.5	1.8	T10010000332 Mesh 100		T10010000328 Mesh 170		T10010000321 Mesh 270	
4	14	5	3	2	2.6	T10010000322 Mesh 100		T10010000329 Mesh 170		T10010000323 Mesh 270	
5	14	6	3	2	3.3	T10010000281 Mesh 100		T10010000308 Mesh 170		T10010000282 Mesh 270	
6	14	7	3	2	4.1	T10010000283 Mesh 100		T10010000324 Mesh 170		T10010000284 Mesh 270	
8	18	10	3	3	5.7	T10010000294 Mesh 100		T10010000325 Mesh 140		T10010000296 Mesh 230	
10	18	12	3	3	7.5	T10010000286 Mesh 100		T10010000326 Mesh 140		T10010000269 Mesh 230	
12	21	14	3	3	9.7	T10010000277 Mesh 100		T10010000327 Mesh 140		T10010000304 Mesh 230	
15	24	17	3	4	11	T10010000330 Mesh 80		T10010000302 Mesh 140		T10010000303 Mesh 230	
19	28	21	3	5	13.5	T10010000331 Mesh 80		T10010000306 Mesh 140		T10010000307 Mesh 230	

POLISHING WHEELS FE CC

U/T	Brill	Price €
10	T50910000030	
10	T50910000030	
10	T50910000030	
10	T50910000030	
15	T50910000001	
15	T50910000001	
15	T50910000001	
20	T50910000002	
25	T50910000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS PE WS				DIAMOND WHEELS PE WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-120	0.8-1.5	5-10	7000-8000	140-230	Max. 0.6	3-12	7000-8000	0.1-10	0.1-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

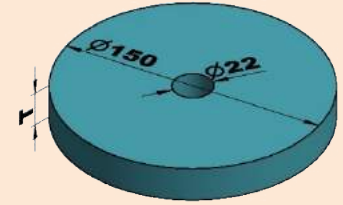
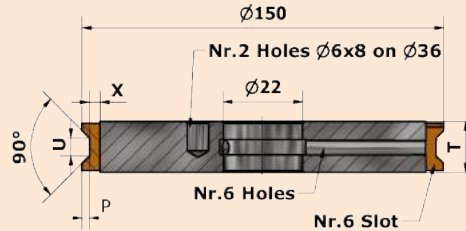
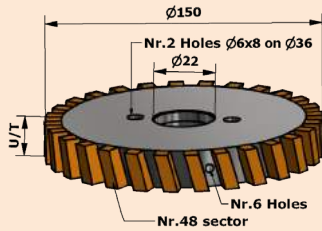
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

STANDARD WHEELS

FA SHAPE Ø150 WS H22



DIAMOND WHEELS FE SS

Glass	U/T	X	Large	Price €
3	8	5	T13515000069 Mesh 120	
4	8	5	T13515000069 Mesh 120	
5	8	5	T13515000069 Mesh 120	
6	8	5	T13515000069 Mesh 120	
8	10	5	T13515000060 Mesh 120	
10	12	5	T13515000061 Mesh 100	
12	14	5	T13515000062 Mesh 100	
15	17	5	T13515000076 Mesh 80	
19	21	5	T13515000077 Mesh 80	

DIAMOND WHEELS FA WS

T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T11615000111 Mesh 170		T11615000112 Mesh 270	
14	2.7	3	2	T11615000113 Mesh 170		T11615000114 Mesh 270	
14	3.2	3	2	T11615000115 Mesh 170		T11615000116 Mesh 270	
14	3.7	3	2	T11615000117 Mesh 170		T11615000093 Mesh 270	
18	5.4	3	2	T11615000107 Mesh 140		T11615000094 Mesh 230	
18	7	3	2	T11615000091 Mesh 140		T11615000092 Mesh 230	
21	9	3	2	T11615000099 Mesh 140		T11615000095 Mesh 230	
24	12	3	2	T11615000100 Mesh 140		T11615000101 Mesh 230	
28	15	3.5	2.5	T11615000102 Mesh 140		T11615000103 Mesh 230	

POLISHING WHEELS FE CC

U/T	Brill	Price €
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
20	T50915000002	
25	T50915000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS FE SS

Mesh	Removal mm	Feed speed m/min	rpm
80-120	0.8-1.5	5-10	5000-6500

DIAMOND WHEELS FA WS

Mesh	Removal mm	Feed speed m/min	rpm
140-270	Max. 0.6	3-12	5000-6500

POLISHING WHEELS FE CC

Wear recovery mm	Feed speed m/min	rpm
0.1-10	0.1-10	2200-2800

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

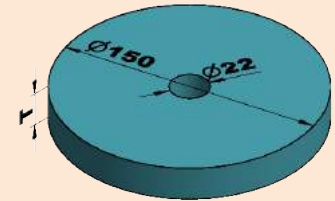
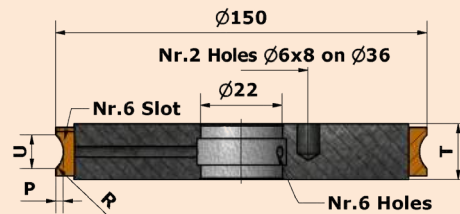
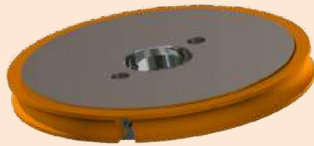
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

STANDARD WHEELS

PE SHAPE Ø150 WS H22



DIAMOND WHEELS PE WS											
Glass	T	U	X	P	R	Large	Price €	Average	Price €	Fine	Price €
3	11	3.5	3.5	1.5	1.8	T10015000358 Mesh 100		T10015000333 Mesh 170		T10015000334 Mesh 270	
4	14	5	3	2	2.6	T10015000335 Mesh 100		T10015000359 Mesh 170		T10015000336 Mesh 270	
5	14	6	3	2	3.3	T10015000337 Mesh 100		T10015000338 Mesh 170		T10015000339 Mesh 270	
6	14	7	3	2	4.1	T10015000340 Mesh 100		T10015000341 Mesh 170		T10015000342 Mesh 270	
8	18	10	3	3	5.7	T10015000343 Mesh 100		T10015000344 Mesh 140		T10015000345 Mesh 230	
10	18	12	3	3	7.5	T10015000346 Mesh 100		T10015000347 Mesh 140		T10015000348 Mesh 230	
12	21	14	3	3	9.7	T10015000349 Mesh 100		T10015000350 Mesh 140		T10015000351 Mesh 230	
15	24	17	3	4	11	T10015000352 Mesh 80		T10015000353 Mesh 140		T10015000354 Mesh 230	
19	28	21	3	5	13.5	T10015000355 Mesh 80		T10015000356 Mesh 140		T10015000357 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
20	T50915000002	
25	T50915000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS PE WS				DIAMOND WHEELS PE WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-120	0.8-1.5	5-10	5000-6500	140-230	Max. 0.6	3-12	5000-6500	0.1-10	0.1-10	2200-2800

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

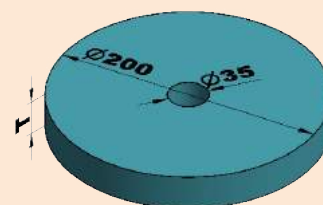
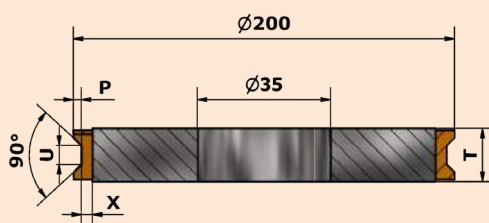
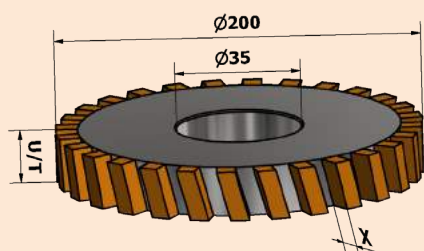
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

STANDARD WHEELS

FA SHAPE Ø200 WS H35



DIAMOND WHEELS FE SS				
Glass	U/T	X	Large	Price €
3	8	5	T13520000025 Mesh 120	
4	8	5	T13520000025 Mesh 120	
5	8	5	T13520000025 Mesh 120	
6	8	5	T13520000025 Mesh 120	
8	10	5	T13520000026 Mesh 120	
10	12	5	T13520000023 Mesh 100	
12	14	5	T13520000024 Mesh 100	
15	17	5	T13520000019 Mesh 80	
19	21	5	T13520000020 Mesh 100	

DIAMOND WHEELS FA WS							
T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T11620000100 Mesh 170		T11620000089 Mesh 270	
14	2.7	3	2	T11620000090 Mesh 170		T11620000101 Mesh 270	
14	3.2	3	2	T11620000091 Mesh 170		T11620000092 Mesh 270	
14	3.7	3	2	T11620000102 Mesh 170		T11620000103 Mesh 270	
18	5.4	3	2	T11620000104 Mesh 140		T11620000093 Mesh 230	
18	7	3	2	T11620000094 Mesh 140		T11620000078 Mesh 230	
21	9	3	2	T11620000095 Mesh 140		T11620000079 Mesh 270	
24	12	3	2	T11620000096 Mesh 140		T11620000097 Mesh 230	
28	15	3.5	2.5	T11620000098 Mesh 140		T11620000099 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
20	T50920000038	
25	T50920000042	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEEL FE SS				DIAMOND WHEEL FA WS				POLISHING WHEEL FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
80-120	0.8-1.5	5-10	2800-4000	140-270	Max. 0.6	3-12	2800-4000	0.1-10	0.1-10	1400-2000

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

CC versions with different particle sizes are also available.

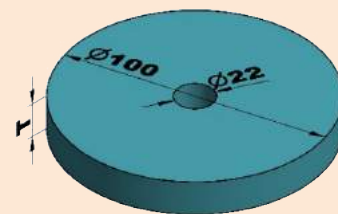
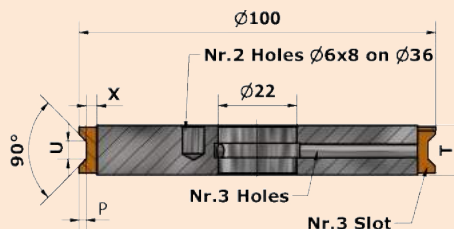
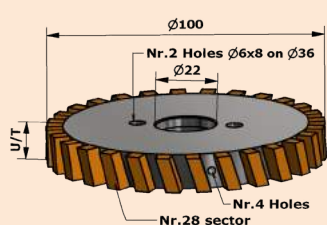
For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRASPEED WHEELS

Compared with standard wheels, XtraSpeed wheels have a 20% higher performance while maintaining the same removal characteristics and quality of work. This is thanks to the use of new and efficient binder **M2014**.
The polishing is so-called Brill, which guarantees an excellent finish and durability.

FA SHAPE Ø100 WS H22



DIAMOND WHEELS FE SS				
Glass	U/T	X	Large	Price €
3	8	5	T63510000004 Mesh 120	
4	8	5	T63510000004 Mesh 120	
5	8	5	T63510000004 Mesh 120	
6	8	5	T63510000004 Mesh 120	
8	10	5	T63510000012 Mesh 120	
10	12	5	T63510000002 Mesh 100	
12	14	5	T63510000003 Mesh 100	
15	17	5	T63510000005 Mesh 80	
19	21	5	T63510000006 Mesh 80	

DIAMOND WHEELS FA WS							
T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T61610000026 Mesh 170		T61610000013 Mesh 270	
14	2.7	3	2	T61610000020 Mesh 170		T61610000014 Mesh 270	
14	3.2	3	2	T61610000021 Mesh 170		T61610000007 Mesh 270	
14	3.7	3	2	T61610000022 Mesh 170		T61610000004 Mesh 270	
18	5.4	3	2	T61610000023 Mesh 140		T61610000005 Mesh 230	
18	7	3	2	T61610000024 Mesh 140		T61610000003 Mesh 230	
21	9	3	2	T61610000025 Mesh 140		T61610000002 Mesh 230	
24	12	3	2	T61610000016 Mesh 140		T61610000001 Mesh 230	
28	15	3.5	2.5	T61610000017 Mesh 140		T61610000008 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
10	T50910000030	
10	T50910000030	
10	T50910000030	
10	T50910000030	
15	T50910000001	
15	T50910000001	
15	T50910000001	
20	T50910000002	
25	T50910000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS FE SS				DIAMOND WHEELS FA WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-120	0.8-1.5	6-12	7000-8000	140-270	Max. 0.6	5-12	7000-8000	0.1-10	0.1-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

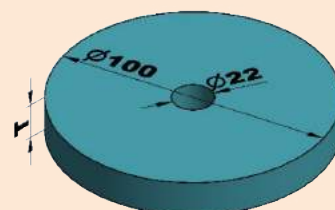
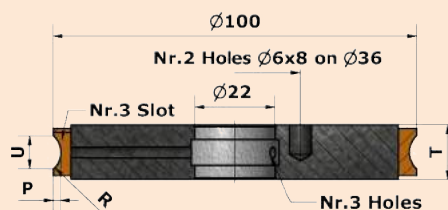
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRASPEED WHEELS

PE SHAPE Ø100 WS H22



DIAMOND WHEELS PE WS

Glass	T	U	X	P	R	Large	Price €	Average	Price €	Fine	Price €
3	11	3.5	3.5	1.5	1.8	T60010000029 Mesh 100		T60010000030 Mesh 170		T60010000008 Mesh 270	
4	14	5	3	2	2.6	T60010000027 Mesh 100		T60010000005 Mesh 170		T60010000031 Mesh 270	
5	14	6	3	2	3.3	T60010000011 Mesh 100		T60010000032 Mesh 170		T60010000012 Mesh 270	
6	14	7	3	2	4.1	T60010000013 Mesh 100		T60010000033 Mesh 170		T60010000014 Mesh 270	
8	18	10	3	3	5.7	T60010000015 Mesh 100		T60010000034 Mesh 140		T60010000035 Mesh 230	
10	18	12	3	3	7.5	T60010000017 Mesh 100		T60010000036 Mesh 140		T60010000037 Mesh 230	
12	21	14	3	3	9.7	T60010000038 Mesh 100		T60010000039 Mesh 140		T60010000040 Mesh 230	
15	24	17	3	4	11	T60010000021 Mesh 80		T60010000022 Mesh 140		T60010000023 Mesh 230	
19	28	21	3	5	13.5	T60010000024 Mesh 80		T60010000025 Mesh 140		T60010000026 Mesh 230	

POLISHING WHEELS FE CC

U/T	Brill	Price €
10	T50910000030	
10	T50910000030	
10	T50910000030	
10	T50910000030	
15	T50910000001	
15	T50910000001	
15	T50910000001	
20	T50910000002	
25	T50910000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS PE WS				DIAMOND WHEELS PE WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-120	0.8-1.5	6-12	7000-8000	140-230	Max. 0.6	5-12	7000-8000	0.1-10	0.1-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

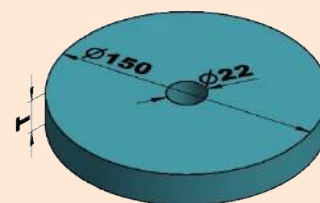
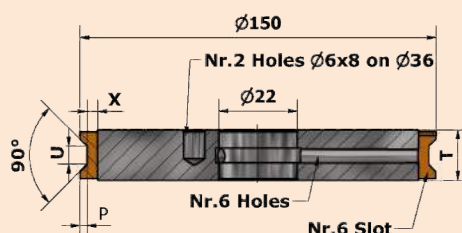
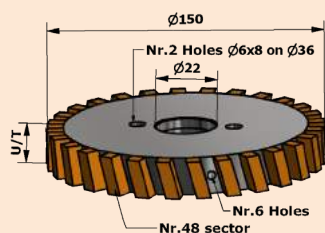
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRASPEED WHEELS

FA SHAPE Ø150 WS H22



DIAMOND WHEELS FE SS				
Glass	U/T	X	Large	Price €
3	8	5	T63515000001 Mesh 120	
4	8	5	T63515000001 Mesh 120	
5	8	5	T63515000001 Mesh 120	
6	8	5	T63515000001 Mesh 120	
8	10	5	T63515000007 Mesh 120	
10	12	5	T63515000003 Mesh 100	
12	14	5	T63515000004 Mesh 100	
15	17	5	T63515000005 Mesh 80	
19	21	5	T63515000006 Mesh 80	

DIAMOND WHEELS FA WS							
T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T61615000021 Mesh 170		T61615000005 Mesh 270	
14	2.7	3	2	T61615000022 Mesh 170		T61615000006 Mesh 270	
14	3.2	3	2	T61615000023 Mesh 170		T61615000007 Mesh 270	
14	3.7	3	2	T61615000024 Mesh 170		T61615000008 Mesh 270	
18	5.4	3	2	T61615000025 Mesh 140		T61615000010 Mesh 230	
18	7	3	2	T61615000026 Mesh 140		T61615000011 Mesh 230	
21	9	3	2	T61615000027 Mesh 140		T61615000012 Mesh 230	
24	12	3	2	T61615000013 Mesh 140		T61615000014 Mesh 230	
28	15	3.5	2.5	T61615000015 Mesh 140		T61615000016 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
20	T50915000002	
25	T50915000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS FE SS			
Mesh	Removal mm	Feed speed m/min	rpm
80-120	0.8-1.5	6-12	5000-6500

DIAMOND WHEELS FA WS			
Mesh	Removal mm	Feed speed m/min	rpm
140-270	Max. 0.6	5-12	5000-6500

POLISHING WHEELS FE CC		
Wear recovery mm	Feed speed m/min	rpm
0.1-10	0.1-10	2200-2800

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

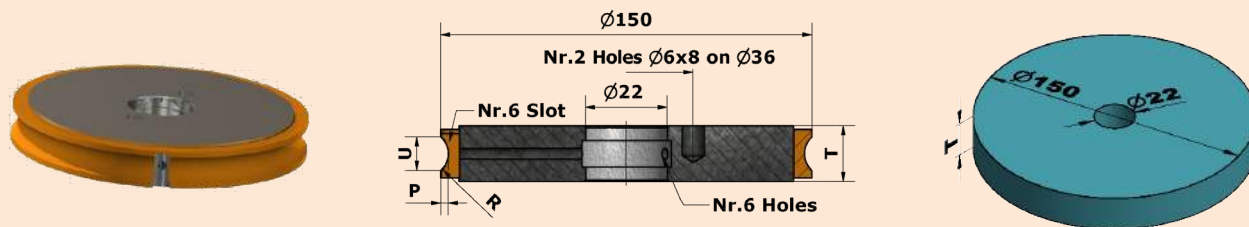
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRASPEED WHEELS

PE SHAPE Ø150 WS H22



DIAMOND WHEELS PE WS

Glass	T	U	X	P	R	Large	Price €	Average	Price €	Fine	Price €
3	11	3.5	3.5	1.5	1.8	T60015000044 Mesh 100		T60015000037 Mesh 170		T60015000021 Mesh 270	
4	14	5	3	2	2.6	T60015000045 Mesh 100		T60015000038 Mesh 170		T60015000006 Mesh 270	
5	14	6	3	2	3.3	T60015000024 Mesh 100		T60015000039 Mesh 170		T60015000025 Mesh 270	
6	14	7	3	2	4.1	T60015000026 Mesh 100		T60015000040 Mesh 170		T60015000027 Mesh 270	
8	18	10	3	3	5.7	T60015000028 Mesh 100		T60015000041 Mesh 140		T60015000009 Mesh 230	
10	18	12	3	3	7.5	T60015000029 Mesh 100		T60015000042 Mesh 140		T60015000008 Mesh 230	
12	21	14	3	3	9.7	T60015000046 Mesh 100		T60015000043 Mesh 140		T60015000007 Mesh 230	
15	24	17	3	4	11	T60015000031 Mesh 80		T60015000032 Mesh 140		T60015000033 Mesh 230	
19	28	21	3	5	13.5	T60015000034 Mesh 80		T60015000035 Mesh 140		T60015000036 Mesh 230	

POLISHING WHEELS
FE CC

U/T	Brill	Price €
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
20	T50915000002	
25	T50915000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS PE WS				DIAMOND WHEELS PE WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
80-120	0.8-1.5	6-12	5000-6500	140-230	Max. 0.6	5-12	5000-6500	0.1-10	0.1-10	2200-2800

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

CC versions with different particle sizes are also available.

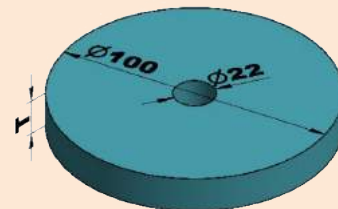
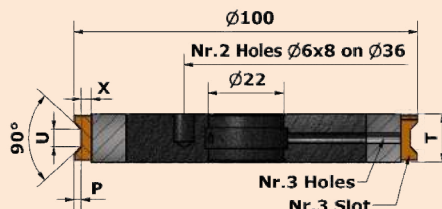
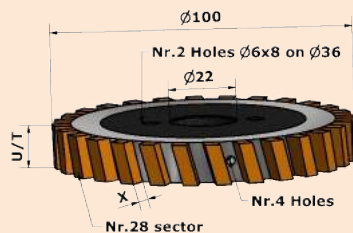
For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRALIGHT WHEELS

These wheels unite top performance of XtraSpeed wheels with the lightness obtained using a polymer body. Depending on the diameter, the weight decrease varies from 10% to 50%, bringing further advantages such as savings on shipping, lower efforts on the mandrels, reduced vibrations during processing and noise reduction. The metal binder used for this type of wheels is M2014.

FA SHAPE Ø100 WS H22



DIAMOND WHEELS FE SS				
Glass	U/T	X	Large	Price €
3	8	5	T73510000005 Mesh 120	
4	8	5	T73510000005 Mesh 120	
5	8	5	T73510000005 Mesh 120	
6	8	5	T73510000005 Mesh 120	
8	10	5	T73510000004 Mesh 120	
10	12	5	T73510000003 Mesh 100	
12	14	5	T73510000001 Mesh 100	
15	17	5	T73510000002 Mesh 80	
19	21	5	T73510000006 Mesh 80	

DIAMOND WHEELS FA WS							
T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T71610000018 Mesh 170		T71610000008 Mesh 270	
14	2.7	3	2	T71610000009 Mesh 170		T71610000010 Mesh 270	
14	3.2	3	2	T71610000011 Mesh 170		T71610000007 Mesh 270	
14	3.7	3	2	T71610000012 Mesh 170		T71610000005 Mesh 270	
18	5.4	3	2	T71610000013 Mesh 140		T71610000006 Mesh 230	
18	7	3	2	T71610000014 Mesh 140		T71610000004 Mesh 230	
21	9	3	2	T71610000015 Mesh 140		T71610000002 Mesh 230	
24	12	3	2	T71610000003 Mesh 140		T71610000001 Mesh 230	
28	15	3.5	2.5	T71610000016 Mesh 140		T71610000017 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
10	T50910000030	
10	T50910000030	
10	T50910000030	
10	T50910000030	
15	T50910000001	
15	T50910000001	
15	T50910000001	
20	T50910000002	
25	T50910000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS FE SS				DIAMOND WHEELS FA WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-120	0.8-1.5	6-12	7000-8000	140-270	Max. 0.6	5-12	7000-8000	0.1-10	0.1-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

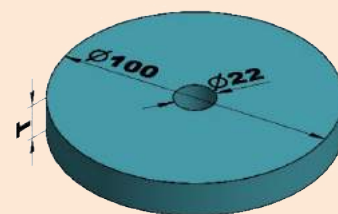
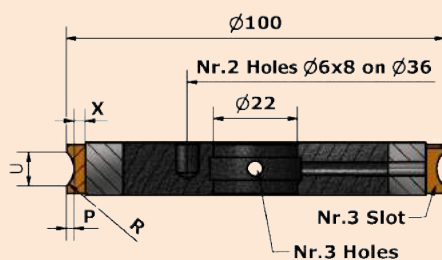
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRALIGHT WHEELS

PE SHAPE Ø100 WS H22



DIAMOND WHEELS PE WS

Glass	T	U	X	P	R	Large	Price €	Average	Price €	Fine	Price €
3	11	3.5	3.5	1.5	1.8	T70010000028 Mesh 100		T70010000006 Mesh 170		T70010000007 Mesh 270	
4	14	5	3	2	2.6	T70010000004 Mesh 100		T70010000008 Mesh 170		T70010000009 Mesh 270	
5	14	6	3	2	3.3	T70010000010 Mesh 100		T70010000011 Mesh 170		T70010000027 Mesh 270	
6	14	7	3	2	4.1	T70010000002 Mesh 100		T70010000005 Mesh 170		T70010000003 Mesh 270	
8	18	10	3	3	5.7	T70010000012 Mesh 100		T70010000013 Mesh 140		T70010000014 Mesh 230	
10	18	12	3	3	7.5	T70010000015 Mesh 100		T70010000016 Mesh 140		T70010000017 Mesh 230	
12	21	14	3	3	9.7	T70010000018 Mesh 100		T70010000019 Mesh 140		T70010000020 Mesh 230	
15	24	17	3	4	11	T70010000021 Mesh 80		T70010000022 Mesh 140		T70010000023 Mesh 230	
19	28	21	3	5	13.5	T70010000024 Mesh 80		T70010000025 Mesh 140		T70010000026 Mesh 230	

POLISHING WHEELS FE CC

U/T	Brill	Price €
10	T50910000030	
10	T50910000030	
10	T50910000030	
10	T50910000030	
15	T50910000001	
15	T50910000001	
15	T50910000001	
20	T50910000002	
25	T50910000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS PE WS				DIAMOND WHEELS PE WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-120	0.8-1.5	6-12	7000-8000	140-230	Max. 0.6	5-12	7000-8000	0.1-10	0.1-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

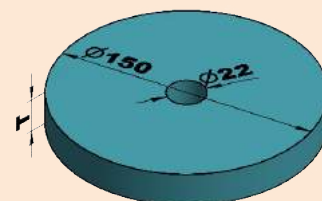
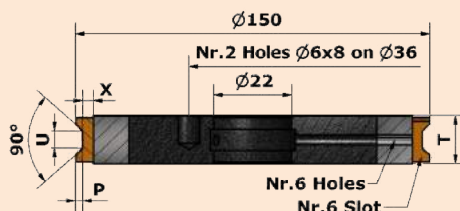
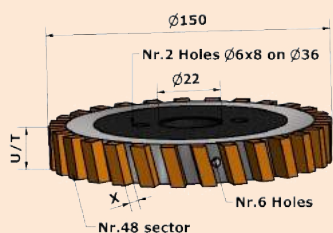
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRALIGHT WHEELS

FA SHAPE Ø150 WS H22



DIAMOND WHEELS FE SS				
Glass	U/T	X	Large	Price €
3	8	5	T73515000005 Mesh 120	
4	8	5	T73515000005 Mesh 120	
5	8	5	T73515000005 Mesh 120	
6	8	5	T73515000005 Mesh 120	
8	10	5	T73515000004 Mesh 120	
10	12	5	T73515000001 Mesh 100	
12	14	5	T73515000003 Mesh 100	
15	17	5	T73515000006 Mesh 80	
19	21	5	T73515000007 Mesh 80	

DIAMOND WHEELS FA WS							
T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T71615000019 Mesh 170		T71615000007 Mesh 270	
14	2.7	3	2	T71615000008 Mesh 170		T71615000020 Mesh 270	
14	3.2	3	2	T71615000009 Mesh 170		T71615000010 Mesh 270	
14	3.7	3	2	T71615000011 Mesh 170		T71615000021 Mesh 270	
18	5.4	3	2	T71615000012 Mesh 140		T71615000005 Mesh 230	
18	7	3	2	T71615000013 Mesh 140		T71615000002 Mesh 230	
21	9	3	2	T71615000014 Mesh 140		T71615000015 Mesh 230	
24	12	3	2	T71615000016 Mesh 140		T71615000004 Mesh 230	
28	15	3.5	2.5	T71615000017 Mesh 140		T71615000018 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
20	T50915000002	
25	T50915000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS FE SS				DIAMOND WHEELS FA WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
80-120	0.8-1.5	6-12	5000-6500	140-270	Max. 0.6	5-12	5000-6500	0.1-10	0.1-10	2200-2800

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

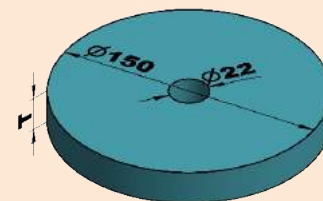
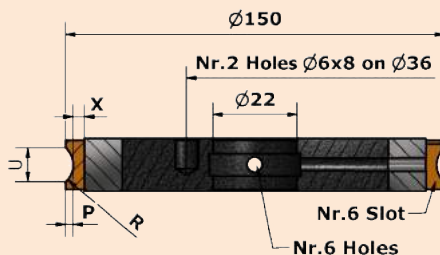
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRALIGHT WHEELS

PE SHAPE Ø150 WS H22



DIAMOND WHEELS PE WS

Glass	T	U	X	P	R	Large	Price €	Average	Price €	Fine	Price €
3	11	3.5	3.5	1.5	1.8	T70015000009 Mesh 100		T70015000012 Mesh 170		T70015000007 Mesh 270	
4	14	5	3	2	2.6	T70015000008 Mesh 100		T70015000005 Mesh 170		T70015000010 Mesh 270	
5	14	6	3	2	3.3	T70015000011 Mesh 100		T70015000006 Mesh 170		T70015000013 Mesh 270	
6	14	7	3	2	4.1	T70015000014 Mesh 100		T70015000015 Mesh 170		T70015000016 Mesh 270	
8	18	10	3	3	5.7	T70015000017 Mesh 100		T70015000018 Mesh 140		T70015000002 Mesh 230	
10	18	12	3	3	7.5	T70015000019 Mesh 100		T70015000020 Mesh 140		T70015000021 Mesh 230	
12	21	14	3	3	9.7	T70015000022 Mesh 100		T70015000023 Mesh 140		T70015000024 Mesh 230	
15	24	17	3	4	11	T70015000025 Mesh 80		T70015000026 Mesh 140		T70015000027 Mesh 230	
19	28	21	3	5	13.5	T70015000028 Mesh 80		T70015000029 Mesh 140		T70015000030 Mesh 230	

POLISHING WHEELS FE CC

U/T	Brill	Price €
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
15	T50915000001	
20	T50915000002	
25	T50915000003	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS PE WS				DIAMOND WHEELS PE WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
80-120	0.8-1.5	6-12	5000-6500	140-230	Max. 0.6	5-12	5000-6500	0.1-10	0.1-10	2200-2800

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

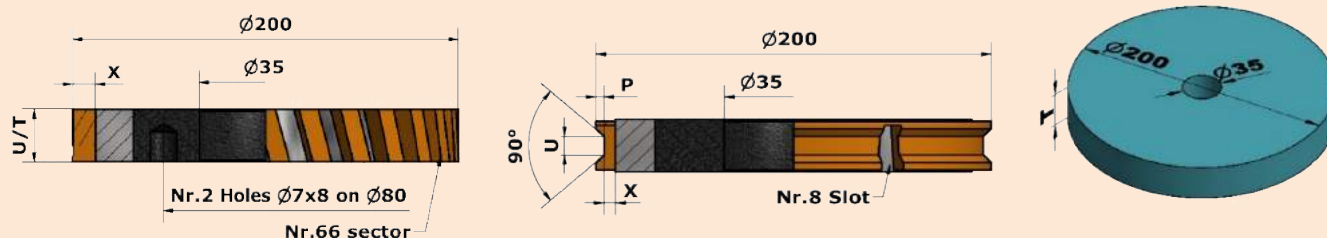
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

XTRALIGHT WHEELS

FA SHAPE Ø200 WS H35



DIAMOND WHEELS FE SS				
Glass	U/T	X	Large	Price €
3	8	5	T73520000003 Mesh 120	
4	8	5	T73520000003 Mesh 120	
5	8	5	T73520000003 Mesh 120	
6	8	5	T73520000003 Mesh 120	
8	10	5	T73520000004 Mesh 120	
10	12	5	T73220000005 Mesh 100	
12	14	5	T73520000002 Mesh 100	
15	17	5	T73520000006 Mesh 80	
19	21	5	T73520000007 Mesh 80	

DIAMOND WHEELS FA WS							
T	U	X	P	Average	Price €	Fine	Price €
11	2	3.5	1.5	T71620000006 Mesh 170		T71620000007 Mesh 270	
14	2.7	3	2	T71620000008 Mesh 170		T71620000009 Mesh 270	
14	3.2	3	2	T71620000010 Mesh 170		T71620000011 Mesh 270	
14	3.7	3	2	T71620000012 Mesh 170		T71620000013 Mesh 270	
18	5.4	3	2	T71620000014 Mesh 140		T71620000015 Mesh 230	
18	7	3	2	T71620000016 Mesh 140		T71620000001 Mesh 230	
21	9	3	2	T71620000017 Mesh 140		T71620000018 Mesh 230	
24	12	3	2	T71620000019 Mesh 140		T71620000020 Mesh 230	
28	15	3.5	2.5	T71620000021 Mesh 140		T71620000022 Mesh 230	

POLISHING WHEELS FE CC		
U/T	Brill	Price €
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
15	T50920000037	
20	T50920000038	
25	T50920000042	

SUGGESTED WORKING PARAMETERS

DIAMOND WHEELS FE SS				DIAMOND WHEELS FA WS				POLISHING WHEELS FE CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
80-120	0.8-1.5	6-12	2800-4000	140-270	Max. 0.6	5-12	2800-4000	0.1-10	0.1-10	1400-2000

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

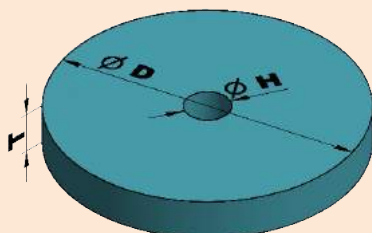
CC versions with different particle sizes are also available.

For the polishing wheels, wheels with internal water flow are available and listed on page 21.

For any requirements, please contact our technicians.

POLISHING WHEELS BRILL

The polishing wheels BRILL are well established on the market, thanks to their excellent polishing, constant quality, geometric accuracy and reduced noise during processing.



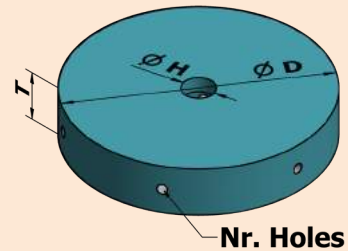
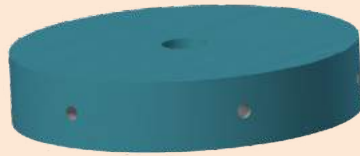
POLISHING WHEELS FE CC D_xT_xH BRILL

Code	D	T	H	Price
T50901800001	18	28	5	
T50902000001	20	20	6	
T50902500001	25	25	12	
T50902500002	25	30	12	
T50902800001	28	25	12	
T50903500001	35	25	12	
T50903500002	35	30	12	
T50910000030	100	10	22	
T50910000001	100	15	22	
T50910000002	100	20	22	
T50910000003	100	25	22	
T50910000004	100	30	22	
T50912000001	120	15	22	
T50912000002	120	20	22	
T50912000003	120	25	22	
T50912000004	120	30	22	
T50915000001	150	15	22	
T50915000002	150	20	22	
T50915000003	150	25	22	
T50915000004	150	30	22	
T50915000074	150	40	22	
T509200000041	200	30	50	
T509200000037	200	15	35	
T509200000038	200	20	35	
T509200000042	200	25	35	
T509200000043	200	35	35	
T509200000013	200	10	22	

Notes:

POLISHING WHEELS BRILL

WHEELS WITH INTERNAL WATER FLOW



POLISHING WHEELS BRILL WITH INTERNAL WATER FLOW

Code	D	T	H	Nr. holes	Price
T50910000112	100	20	22	3	
T50910000109	100	30	22	3	
T50910000114	100	40	22	3	
T50915000072	150	15	22	3	
T50915000073	150	20	22	6	
T50915000038	150	25	22	6	
T50915000076	150	40	22	6	

SUGGESTED WORKING PARAMETERS

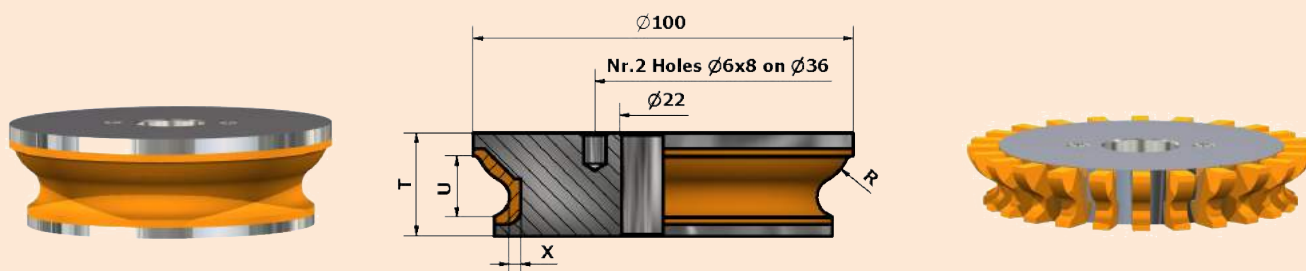
POLISHING WHEELS FE CC			
D	Wear recovery mm	Feed speed m/min	rpm
18-35	0.1-10	2-3	4000
100	0.1-10	2-3	3500
150	0.1-10	2-3	2500
200	0.1-10	2-3	2000

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

For any requirements, please contact our technicians.

OG SHAPE



WHEELS OG SHAPE

Glass	Code	Crown	D	T	H	U	X	R	Mesh	Bond	Price
10	T2191000006	SS	100	16	22	12.5	5	7.5	80	M1183	
10	T2181000028	CC	100	21	22	11	3	7.5	230	M1183	
10	T5091000020	CC	100	20	22	11	-	7.5		BRILL-B	
12	T2191000007	SS	100	25	22	15	5	11	80	M1183	
12	T2181000027	CC	100	23	22	13	3	11	230	M1183	
12	T5091000021	CC	100	20	22	13	-	11		BRILL-B	
15	T2191000008	SS	100	30	22	19.5	5	12	70	M1183	
15	T2181000036	CC	100	27	22	16	3	12	230	M1183	
15	T5091000022	CC	100	25	22	16	-	12		BRILL-B	
19	T2191000001	SS	100	35	22	22.5	5	16	70	M1183	
19	T2181000024	CC	100	30	22	20	3	16	230	M1183	
19	T5091000023	CC	100	30	22	20	-	16		BRILL-B	

SUGGESTED WORKING PARAMETERS

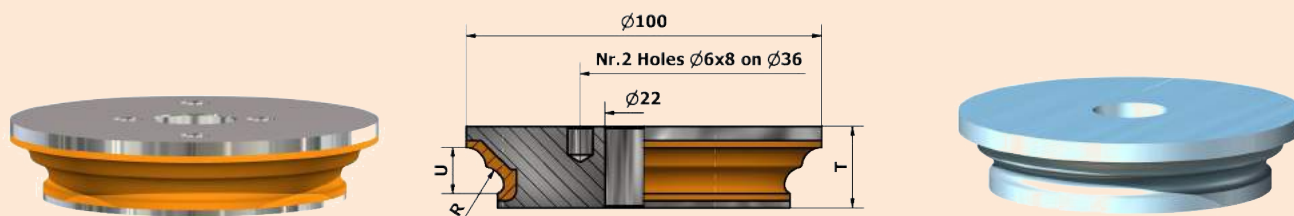
DIAMOND WHEELS OG SS				DIAMOND WHEELS OG CC				POLISHING WHEELS OG CC		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-80	Max. 1.5	3-5	7000-8000	230	Max. 0.6	4-6	7000-8000	2-3	0.01-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

For any requirements, please contact our technicians.

2G SHAPE



WHEELS 2G SHAPE

Glass	Code	Crown	D	T	H	U	X	R	Mesh	Bond	Price
10	T1051000005	SS	100	23	22	11	5	4.5	80	M1183	
10	T1041000010	CC	100	20	22	11	3	4.5	230	M1183	
10	T5091000010	CC	100	20	22	11	-	4.5		BRILL-B	
12	T1051000001	SS	100	18	22	13	5	5.5	80	M1183	
12	T1041000007	CC	100	23	22	13	3	5.5	230	M1183	
12	T5091000011	CC	100	20	22	13	-	5.5		BRILL-B	
15	T1051000002	SS	100	32	22	16	5	7	70	M1183	
15	T1041000009	CC	100	26	22	16	3	7	230	M1183	
15	T5091000012	CC	100	25	22	16	-	7		BRILL-B	
19	T1051000003	SS	100	34	22	20	5	16	70	M1183	
19	T1041000008	CC	100	32	22	20	3	16	230	M1183	
19	T5091000013	CC	100	30	22	20	-	16		BRILL-B	

SUGGESTED WORKING PARAMETERS

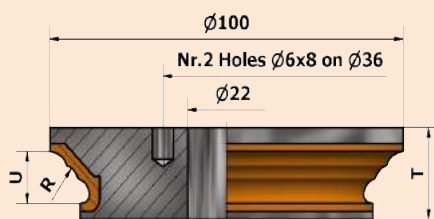
DIAMOND WHEELS SS				DIAMOND WHEELS CC				POLISHING WHEELS BRILL		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-80	Max. 1.5	3-5	7000-8000	230	Max. 0.6	4-6	7000-8000	2-3	0.01-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

For any requirements, please contact our technicians.

3G SHAPE



WHEELS 3G SHAPE

Glass	Code	Crown	D	T	H	U	X	R	Mesh	Bond	Price
10	T1031000002	SS	100	15	22	10.5	5	3.5	80	M1183	
10	T1021000014	CC	100	20	22	11	3	3.5	230	M1183	
10	T5091000009	CC	100	20	22	11	-	3.5		BRILL-B	
12	T1031000003	SS	100	28	22	13	5	4.5	80	M1183	
12	T1021000015	CC	100	23	22	13	3	4.5	230	M1183	
12	T5091000014	CC	100	20	22	13	-	4.5		BRILL-B	
15	T1031000004	SS	100	31	22	16	5	6	70	M1183	
15	T1021000016	CC	100	25	22	16	3	6	230	M1183	
15	T5091000015	CC	100	25	22	16	-	6		BRILL-B	
19	T1031000005	SS	100	36	22	20	5	8	70	M1183	
19	T1021000017	CC	100	30	22	20	3	8	230	M1183	
19	T5091000016	CC	100	30	22	20	-	8		BRILL-B	

SUGGESTED WORKING PARAMETERS

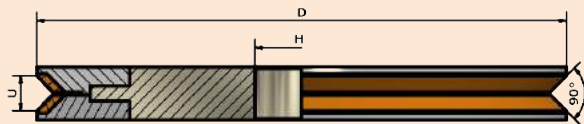
DIAMOND WHEELS SS				DIAMOND WHEELS CC				POLISHING WHEELS BRILL		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
70-80	Max. 1.5	3-5	7000-8000	230	Max. 0.6	4-6	7000-8000	2-3	0.01-10	2500-3200

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

For any requirements, please contact our technicians.

2CO SHAPE



WHEELS 2CO SHAPE

Glass	Code	Machine	D	T	H	a	U	X	Mesh	Bond	Price
3-19	T18210000004	CN	100	36	22		22	3	270	M1183	
2-12	T18210000005	CN	100	30	22		14	3	270	M1183	
6-12	T18215000003	CN VERT	150	26	22	a	14	3	270	M1183	
15-19	T18215000004	CN VERT	150	33	22	a	24	3	270	M1183	
3-12	T18220000003	CN VERT	200	20	35		14	3	170	M1183	

WORKING PARAMETERS SUGGESTED

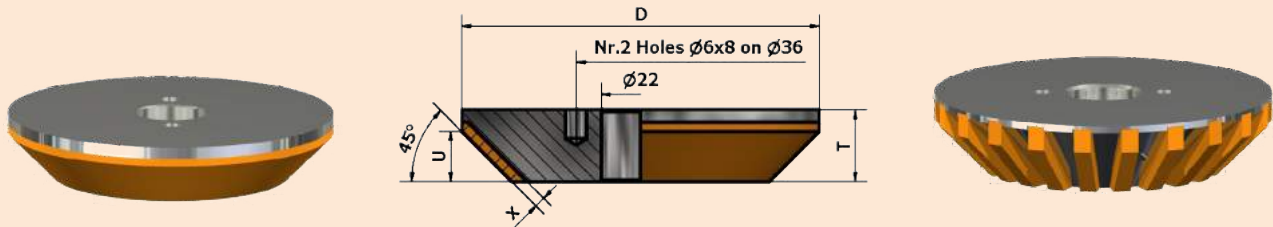
D	Mesh	Removal mm	Feed speed m/min	rpm
100-120	270	Max. 1	3-5	7000-8000
150	270	Max. 1	3-5	5000-6500
200	170	Max. 2	3-5	2800-4000

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

For any requirements, please contact our technicians.

CO SHAPE



WHEELS CO SHAPE

Glass	Crown	Code	D	T	H	a	U	X	Mesh	Price
10	CC	T14010000026	100	21	22	a	12	3	230	
12	SS	T14110000005	100	23	22	a	14	5	70	
12	CC	T14010000029	100	20	22	a	14	3	230	
19	SS	T14110000002	100	31	22		22	5	70	
25	SS	T14110000004	100	36	22	a	27	5	70	
12	SS	T14115000001	150	23	22		14	5	70	
12	CC	T14015000023	150	20	22		15	3	200	
19	SS	T14115000002	150	31	22		22	5	70	

SUGGESTED WORKING PARAMETERS

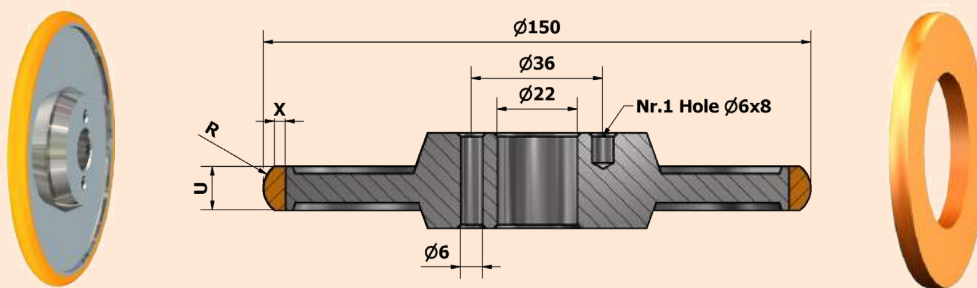
DIAMOND WHEELS SS					DIAMOND WHEELS CC				
D	Mesh	Removal mm	Feed speed m/min	rpm	D	Mesh	Removal mm	Feed speed m/min	rpm
100	70-80	Max. 1.5	3-5	7000-8000	100	200-230	Max. 0.6	4-6	7000-8000
150	70-80	Max. 1.5	3-5	5000-6500	150	200-230	Max. 0.6	4-6	5000-6500

Notes:

The above-mentioned working parameters can be increased depending on the glass thickness, dimensions of the work-piece, geometry, shape or frequency of material removal.

For any requirements, please contact our technicians.

ENGRAVING WHEELS IC SHAPE



ENGRAVING WHEELS IC SHAPE FOR BAVELLONI MACHINES

Code	Sag.	D	T	H	U	X	R	Mesh	Bond	Price
T15815000024	IC6	150	26	22	6	5	10	270	M1183	
T50916000027	IC6	160	6	90	6		10		BRILL-R	
T15815000012	IC8	150	26	22	8	5	15	230	M1183	
T15815000030	IC8	150	26	22	8	5	10	230	M1183	
T50916000026	IC8	160	8	90	8		15		BRILL-R	
T15815000013	IC10	150	26	22	10	6	15	230	M1183	
T15815000023	IC10	150	26	22	10	6	15	600	M1183	
T50916000028	IC10	160	10	90	10		15		BRILL-R	
T15815000021	IC12	150	26	22	12	6	15	120	M1183	
T15815000022	IC12	150	26	22	12	6	15	600	M1183	
T15815000029	IC12	150	26	22	12	6	15	230	M1183	
T50916000029	IC12	160	12	90	12		15		BRILL-R	

SUGGESTED WORKING PARAMETERS

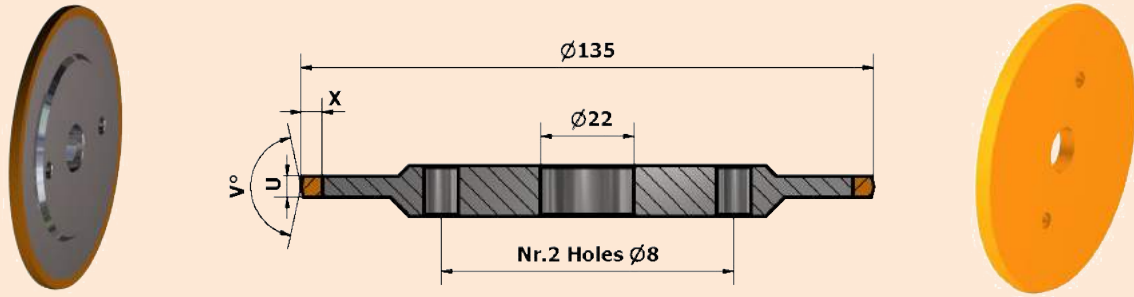
METAL WHEELS				METAL WHEELS				POLISHING WHEELS BRILL-R		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
120-270	Max. 1	1.2-3*	5000-6500	500-600	Max. 0.6	1.2-3*	5000-6500	0.01-10	2-3	2500-3200

Notes:

*Feeding speed of 5 m/min may be reached with the engraving width being up to 10 mm.

For any other requirements, please contact our technicians.

ENGRAVING WHEELS IV SHAPE



ENGRAVING WHEELS IV SHAPE FOR INTERMAC MACHINES

Code	Sag.	D	T	H	U	X	V°	Mesh	Bond	Price
T14613500021	IV3	135	12	22	3	7	156°	270	M1183	
T50914000023	IV3	140	6	22	3		160°		BRILL-R	
T50914000027	IV4	140	6	22	4		156°		BRILL-R	
T14613500022	IV5	135	12	22	5	5	156°	270	M1183	
T50914000028	IV5	140	6	22	5		156°		BRILL-R	
T14613500017	IV6	135	12	22	6	6	156°	270	M1183	
T50914000018	IV6	140	6	22	6		156°		BRILL-R	
T14613500023	IV8	135	12	22	8	5	156°	270	M1183	
T50914000019	IV8	140	8	22	8		156°		BRILL-R	
T14613500018	IV10	135	12	22	10	7	156°	270	M1183	
T14613500013	IV10	135	12	22	10	5	156°	325	M1183	
T50914000020	IV10	140	10	22	10		156°		BRILL-R	

SUGGESTED WORKING PARAMETERS

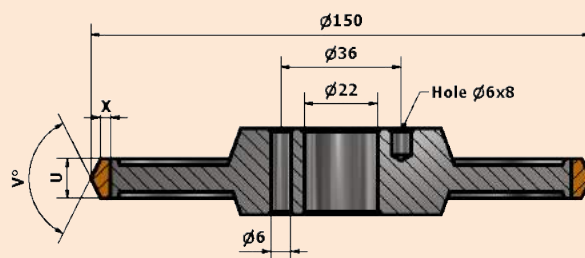
METAL WHEELS				METAL WHEELS				POLISHING WHEELS BRILL-R		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
120-270	Max. 1	1.2-3*	5500-7000	500-600	Max. 0.6	1.2-3*	5500-7000	0.01-10	2-3	2700-3500

Notes:

*Feeding speed of 5 m/min may be reached with the engraving width being up to 10 mm.

For any other requirements, please contact our technicians.

ENGRAVING WHEELS IV SHAPE

ENGRAVING WHEELS IV SHAPE
FOR BAVELLONI MACHINES

Code	Sag.	D	T	H	U	X	V°	Mesh	Bond	Price
T14615000045	IV3	150	26	22	3	5	160°	500	M1183	
T50916000032	IV3	160	6	90	3		160°		BRILL-R	
T14615000050	IV4	150	26	22	4	5	160°	270	M1183	
T50916000034	IV4	160	6	90	4		160°		BRILL-R	
T14615000043	IV5	150	26	22	5	5	160°	270	M1183	
T50916000031	IV5	160	5	90	5		160°		BRILL-R	
T14615000055	IV5	150	26	22	5	8	90°	270	M1183	
T50916000042	IV5	160	5	90	5		90°		BRILL-R	
T14615000044	IV6	150	26	22	6	5	160°	270	M1183	
T50916000023	IV6	160	6	90	6		160°		BRILL-R	
T14615000054	IV6	150	26	22	6	5	90°	270	M1183	
T14615000026	IV8	150	26	22	8	5	160°	230	M1183	
T14615000060	IV8	150	26	22	8	5	160°	270	M1183	
T50916000024	IV8	160	8	90	8		160°		BRILL-R	
T14615000056	IV8	150	26	22	8	5	140°	230	M1183	
T14615000058	IV8	150	26	22	8	5	140°	270	M1183	
T14615000059	IV8	150	26	22	8	5	120°	270	M1183	

ENGRAVING WHEELS IV SHAPE
FOR BAVELLONI MACHINES

Code	Sag.	D	T	H	U	X	V°	Mesh	Bond	Price
T14615000029	IV10	150	26	22	10	7	160°	230	M1183	
T14615000034	IV10	150	26	22	10	7	160°	270	M1183	
T50916000025	IV10	160	10	90	10		160°		BRILL-R	
T14615000052	IV10	150	26	22	10	7	90°	100	M1183	
T14615000053	IV10	150	26	22	10	7	90°	230	M1183	
T50916000039	IV10	160	10	90	10		90°		BRILL-R	
T14615000036	IV12	150	26	22	12	6	160°	120	M1183	
T14615000051	IV12	150	26	22	12	6	160°	230	M1183	
T14615000037	IV12	150	26	22	12	6	160°	600	M1183	
T50916000030	IV12	160	12	90	12		160°		BRILL-R	

SUGGESTED WORKING PARAMETERS

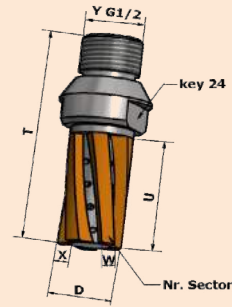
METAL WHEELS				METAL WHEELS				POLISHING WHEELS BRILL-R		
Mesh	Removal mm	Feed speed m/min	rpm	Mesh	Removal mm	Feed speed m/min	rpm	Wear recovery mm	Feed speed m/min	rpm
120-270	Max. 1	1.2-3*	5000-6500	500-600	Max. 0.6	1.2-3*	5000-6500	0.01-10	2-3	2500-3200

Notes:

*Feeding speed of 5 m/min may be reached with the engraving width being up to 10 mm.

For any other requirements, please contact our technicians.

MILLING TOOLS



MILLING TOOLS

Code	D	T	U	W	X	Nr. sector	Mesh	Notes	Price
T24301000002	10	80	22	3	2	4	70		
T24301400005	14	82	43	5	2.5	3	70		
T24301400006	14	82	42	5	2.5	3	50		
T24301800003	18	80	15	5	4.5	4	50	Milling tools for pocketing	
T24302000003	20	82	43	5	4	5	50		
T24302200028	22	82	42	5	4	6	70		
T24302200031	22	82	43	5	4	5	50		
T24302200032	22	82	43	5	4	6	50		
T24302500001	25	80	21	5	5	6	120	Milling tools for small radii	
T24302500002	25	80	17	5	5	6	120	Milling tools for small radii	
T24302500003	25	80	12	5	5	6	120	Milling tools for small radii	

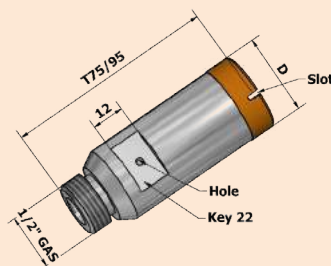
SUGGESTED WORKING PARAMETERS

MILLING TOOLS			
Mesh	Removal mm	Feed speed m/min	rpm
50-70		0.6-1	7000-14000
120	0.5-1.5	1-1.5	7000-14000

Notes:

For any other requirements, please contact our technicians.

CORE DRILLS T75



T75

D	Code	Price
3	T53003000001	
4	T53004000002	
5	T53005000001	
6	T53006000002	
7	T53007000001	
8	T53008000001	
9	T53009000001	
10	T53010000001	
11	T53011000001	
12	T53012000001	
13	T53013000002	
14	T53014000001	
15	T53015000002	
16	T53016000002	
17	T53017000001	
18	T53018000002	
19	T53019000001	
20	T53020000002	
21	T53021000001	
22	T53022000001	
23	T53023000002	
24	T53024000001	
25	T53025000001	
26	T53026000001	
27	T53027000001	
28	T53028000001	
30	T53030000001	
32	T53032000002	
33	T53033000001	

T75

D	Code	Price
34	T53034000001	
35	T53035000002	
36	T53036000001	
38	T53038000002	
40	T53040000002	
41	T53041000002	
42	T53042000001	
43	T53043000002	
44	T53044000001	
45	T53045000001	
46	T53046000003	
48	T53048000001	
50	T53050000003	
51	T53051000001	
52	T53052000001	
53	T53053000001	
54	T53054000002	
55	T53055000003	
56	T53056000001	
60	T53060000001	
62	T53062000002	
63	T53063000001	
65	T53065000001	
68	T53068000001	
70	T53070000002	
75	T53075000001	
80	T53080000001	
85	T53085000001	
90	T53090000001	

CORE DRILLS T95

T95		
D	Code	Price
3	-	
4	T53004000001	
5	T53005000002	
6	T53006000001	
7	T53007000002	
8	T53008000002	
9	T53009000002	
10	T53010000002	
11	T53011000002	
12	T53012000002	
13	T53013000001	
14	T53014000002	
15	T53015000001	
16	T53016000001	
17	T53017000002	
18	T53018000001	
19	T53019000002	
20	T53020000001	
21	T53021000002	
22	T53022000002	
23	T53023000001	
24	T53024000003	
25	T53025000002	
26	T53026000002	
27	T53027000002	
28	T53028000002	
30	T53030000002	
32	T53032000001	
33	T53033000002	

T95		
D	Code	Price
34	T53034000002	
35	T53035000001	
36	T53036000002	
38	T53038000001	
40	T53040000001	
41	T53041000003	
42	T53042000002	
43	T53043000003	
44	T53044000003	
45	T53045000002	
46	T53046000002	
48	T53048000002	
50	T53050000001	
51	T53051000002	
52	T53052000002	
53	T53053000002	
54	T53054000001	
55	T53055000002	
56	T53056000002	
60	T53060000002	
62	T53062000001	
63	T53063000003	
65	T53065000002	
68	T53068000002	
70	T53070000001	
75	T53075000002	
80	T53080000002	
85	T53085000002	
90	T53090000002	

SUGGESTED WORKING PARAMETERS

D	3-6	7-12	13-20	21-30	31-40	41-50	51-80	81-100
rpm	4500	4000	3800	3600	2600	2400	2200	1200

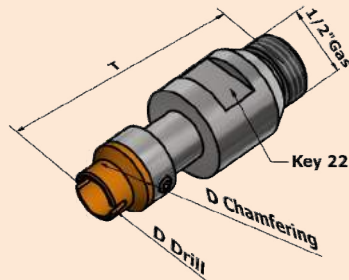
Nr. slot	
D	Nr. slot
3-5	0
> 5 a < 42	2
≥ 42 a < 100	4

Notes:

The indicated rpm is recommended to get the best free cutting and duration. The relevant tolerance of such speed is $\pm 5\%$. To get the best core drill performance, depending on the diameter of the core drills, a certain amount of cooling water needs to be used. Reduce the cooling water pressure when the core drill diameter increases.

For any other requirements, please contact our technicians.

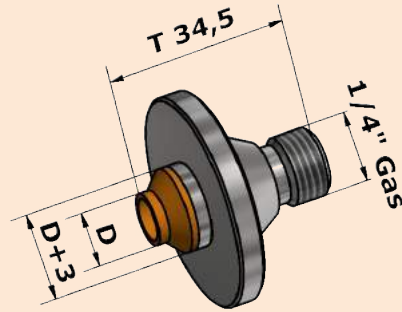
CORE DRILLS WITH CHAMFERING



DRILLS WITH CHAMFERING

Code	D Drill	D Chamfering	T	Price
T53806000001	6	16	75	
T53807000001	7	17	75	
T53808000001	8	18	75	
T53809000001	9	19	95	
T53810000001	10	20	75	
T53811000001	11	21	75	
T53811300001	11.3	21.3	75	
T53812000001	12	22	75	
T53813000001	13	23	75	
T53814000001	14	24	75	
T53815000001	15	25	95	
T53816000001	16	26	75	
T53816500001	16.5	26.5	75	
T53817000001	17	27	75	
T53818000001	18	28	75	
T53819000001	19	29	75	
T53820000001	20	30	75	
T53822000001	22	32	95	
T53824000001	24	34	75	
T53825000001	25	35	75	
T53826000001	26	36	75	
T53827000001	27	37	75	
T53828000001	28	38	75	
T53830000001	30	40	75	
T53832000001	32	42	75	
T53834000001	34	44	75	
T53835000001	35	45	95	
T53836000001	36	46	75	
T53840000001	40	50	75	
T53845000001	45	55	75	
T53850000001	50	60	75	
T53860000001	60	70	75	

AGGREGATES Y G1/4"



AGGREGATES Y G1/4"

Code	D	Price
T5340500001	5	
T5340600001	6	
T5340700001	7	
T5340800001	8	
T5341000001	10	
T5341200001	12	
T5341400001	14	
T5341500001	15	
T5341600001	16	
T5341700001	17	
T5341800001	18	
T5342000001	20	
T5342200001	22	
T5342400001	24	
T5342500001	25	
T5342600001	26	

AGGREGATES Y G1/4"

Code	D	Price
T5342800001	28	
T5343000001	30	
T5343500001	35	
T5343600001	36	
T5343700001	37	
T5343800001	38	
T5344000001	40	
T5344200001	42	
T5344500001	45	
T5344800001	48	
T5345000001	50	
T5345500001	55	
T5346000001	60	
T5346500001	65	
T5347000001	70	

SUGGESTED WORKING PARAMETERS

D	3-6	7-12	13-20	21-30	31-40	41-50	51-80
rpm	4500	4000	3800	3600	2600	2400	2200

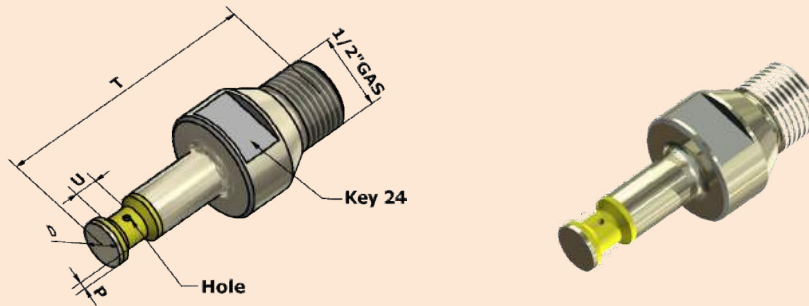
Notes:

For any other requirements, please contact our technicians.

GALVANIC WHEELS

Our galvanic wheels are characterized by a particular electrodeposition technique, which guarantees quality and duration.

FA SHAPE

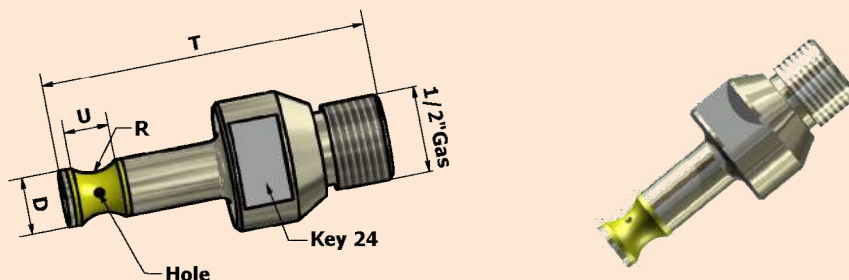


FA SHAPE

Glass	Code	D	T	U	P	Price
3	T48301000011	10	80	2	1.5	
4	T48301000005	10	80	2.5	2	
5	T48301000004	10	80	3	2	
6	T48301000003	10	80	3.5	2	
8	T48301000002	10	80	5	2	
10	T48301000001	10	80	7	2	
12	T48301000007	10	80	9	2	
3	T48301400020	14	80	2	1.5	
4	T48301400008	14	80	2.5	2	
5	T48301400007	14	80	3	2	
6	T48301400006	14	80	3.5	2	
8	T48301400026	14	80	4	2.5	
8	T48301400005	14	80	5	2	
10	T48301400004	14	80	7	2	
12	T48301400003	14	80	9	2	
15	T48301400002	14	80	12	2	
19	T48301400001	14	80	15	2.5	
4	T48302400007	24	80	2.5	2	
5	T48302400006	24	80	3	2	
6	T48302400005	24	80	3.5	2	
8	T48302400004	24	80	5	2	
8	T48302400035	24	80	6	2	
10	T48302400003	24	80	7	2	
10	T48302400036	24	80	8	2	
12	T48302400002	24	80	9	2	
15	T48302400001	24	80	12	2	

GALVANIC WHEELS

PE SHAPE



PE SHAPE

Glass	Code	D	T	U	R	Mesh	Price
4	T48301000016	10	80	5	2.6	170	
5	T48301000017	10	80	6	3.3	170	
6	T48301000018	10	80	7	4.1	170	
4	T48301400011	14	80	5	2.6	170	
5	T48301400012	14	80	6	3.3	170	
6	T48301400013	14	80	7	4.1	170	
8	T48301600001	16	80	10	5.7	170	
10	T48301600002	16	80	11	6.5	170	
12	T48301600003	16	80	13	8.5	170	
4	T48302400038	24	80	5	2.6	170	
5	T48302400014	24	80	6	3.3	170	
6	T48302400012	24	80	7	4.1	170	
8	T48302400013	24	80	10	5.7	140	
10	T48302400039	24	80	12	7.5	170	
4	T48303000003	30	80	5	2.6	100	
4	T48303000004	30	80	5	2.6	230	

SUGGESTED WORKING PARAMETERS

MILLING TOOLS

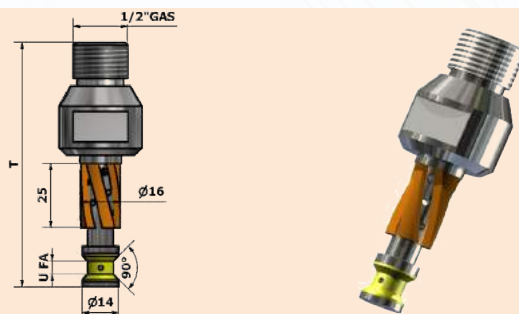
Mesh	Removal mm	Feed speed m/min	rpm
100-170	1.2-0.5	0.2-0.9	7000-12000
230	0.1-0.3	0.2-0.4	7000-12000

Notes:

For any other requirements, please contact our technicians.

GALVANIC WHEELS

FE SS AND FA CC MILLING AND EDGING WHEELS



FE SS AND FA CC MILLING AND EDGING WHEELS

Glass	Code	T	U	Mesh	Mesh	Price
			FA CC	FE SS	FA CC	
4	T48301600029	95	2.5	50	170	
4	T48301600033	105	2.5	50	170	
5	T48301600030	95	3	50	170	
5	T48301600034	105	3	50	170	
6	T48301600007	95	3.5	50	170	
6	T48301600011	105	3.5	50	170	
8	T48301600028	95	5	50	170	
8	T48301600009	105	5	50	170	
10	T48301600024	95	7	50	170	
10	T48301600008	105	7	50	170	
12	T48301600025	95	9	50	170	
12	T48301600010	105	9	50	170	
15	T48301600026	95	12	50	170	
15	T48301600012	105	12	50	170	
19	T48301600027	95	15	50	170	

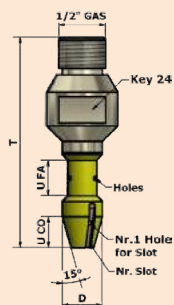
SUGGESTED WORKING PARAMETERS

MILLING TOOLS				
Wheel type	Mesh	Removal mm	Feed speed m/min	rpm
MILLING WHEELS FE	50-70		0.6-0.8	7000-9000
EDGING WHEELS FA	170	0.15-0.3	0.1-0.4	6000-8000

Notes:
For any other requirements, please contact our technicians.

GALVANIC WHEELS

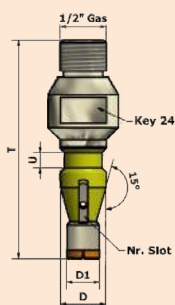
FA AND CO CC SHAPE



FA + CO CC SHAPE

Code	Description	D	T	U FA	U CO	Nr. slot	Mesh FE SS	Mesh FA CC	Price
T48301000006	Diamond drills FA-CO10	10	88	8	11	3	170	M2003	
T48301200001	Diamond drills FA-CO10	12	88	8	11	3	170	M2003	
T48301500001	Diamond drills FA-CO19	15	95	16	14	3	170	M2003	
T48301800001	Diamond drills FA-CO19	18	95	16	14	4	170	M2003	
T48302100001	Diamond drills FA-CO19	21	95	16	14	4	170	M2003	
T48302400008	Diamond drills FA-CO19	24	95	16	14	5	170	M2003	
T48302700001	Diamond drills FA-CO19	27	95	16	14	5	170	M2003	
T48303000001	Diamond drills FA-CO19	30	95	16	14	6	170	M2003	

FA SHAPE DIAMOND WHEEL

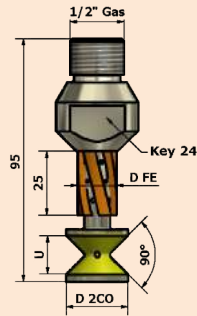


DRILL-FA DIAMOND WHEEL SHAPED

Code	Description	D	D1	T	D1	U FA	Nr. slot	Mesh	Bond	Price
T48302100002	Diamond drills FA-CO19 CC	21	16	100	15	7	4	170	M2003	
T48303000002	Diamond drills FA-CO19 CC	30	24	112	24	16	6	170	M2003	

GALVANIC WHEELS

MILLING AND SEAMING WHEELS



MILLING AND SEAMING WHEELS

Code	Description	D FE	D 2CO	U 2CO	FE Mesh	FE Bond	2CO Mesh	2CO Bonds	Price
T48301400024	Milling tools FE-2C012	12	20	13	50	1123	170	M2003	
T48301600016	Milling tools FE-2C08	16	24	15	70	1123	170	M2003	
T48301600020	Milling tools FE-2C012	16	24	15	50	1123	170	M2003	
T48302000003	Milling tools FE-2C019	24	24	21	50	1123	170	M2003	

SUGGESTED WORKING PARAMETERS

MILLING TOOLS				
Wheel type	Mesh	Removal mm	Feed speed m/min	rpm
MILLING WHEELS FE SS	50-70		0.6-0.8	7000-12000
EDGING WHEELS FA 2CO	170	0.15-0.3	0.1-0.4	7000-12000
DRILLING WHEELS	80			3400-4000

Notes:
For any other requirements, please contact our technicians.



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