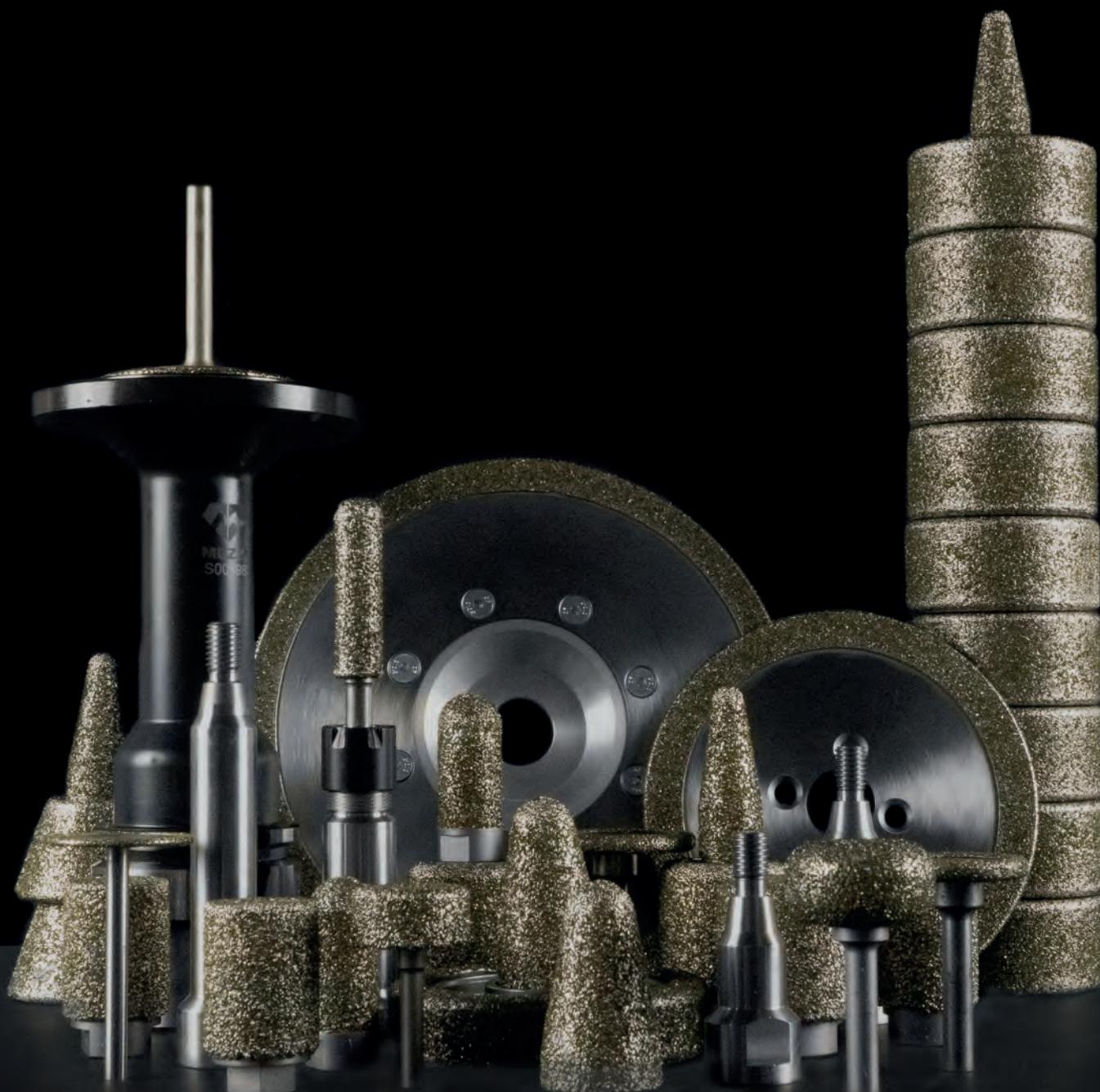




MUZZI

CAST IRON

DIAMOND TOOLS AND SOLUTIONS FOR CAST IRON GRINDING





CAST IRON

DIAMOND TOOLS AND SOLUTIONS FOR CAST IRON GRINDING



page

MANUAL FETTLING

MUZZI FIT

Diamond burrs with threaded connection (Muzzi-fit)

- 10 Muzzi-fit burrs
- 12 Muzzi-fit adaptors

DIAMOND BURRS WITH SHANK

- 16 Ø8 mm shank
- 18 Ø6 mm shank

DIAMOND WHEELS WITH HOLE

- 21 Diamond wheels with hole for internal deburring

DIAMOND DISCS

- 24 Diamond discs for cutting and light grinding

DIAMOND FILES

- 27 Diamond files for the finishing of foundry cores

AUTOMATIC FETTLING

MUZZI SOLUTIONS FOR GRINDING MACHINES WITH Ø31.75 CONNECTION

- 32 Straight peripheral grinding wheels
- 33 30-fit diamond wheels and tool holders
- 34 Muzzi-fit burrs and tool holders
- 35 Ø8 shank burrs and collet tool holders

MUZZI SOLUTIONS FOR ROBOTS AND GRINDING MACHINES WITH HSK63A CONNECTION

- 36 30-fit diamond wheels and tool holders
- 37 25-fit diamond wheels and tool holders
- 38 70-fit diamond wheels and tool holders
- 39 90-fit diamond wheels and tool holders

MUZZI SOLUTIONS FOR MAUS MACHINES

- 40 Straight peripheral grinding wheels
- 41 Cup wheels
- 42 Cutting discs
- 43 Hard metal burrs

MUZZI SOLUTIONS FOR REICHMANN MACHINES

- 44 Straight peripheral grinding wheels (Maus 600-2200)
- 45 30-fit diamond wheels, Ø8 shank burrs and tool holders (Maus 600-2200)
- 46 Disc for manual or fully automated cut-off machines
- 47 Wheels for brake discs and round parts



MANUAL FETTLING



The idea of using electroplated diamond wheels to grind cast iron was theorised by Frank Hughes in 1978. The first industrial tests were made by Marcello Muzzi, the founder of Muzzi srl, in the 90s. A lot of improvements have been made since then. That is why we can now offer a complete range of diamond tools for the manual fettling of cast iron castings.

Diamond tools are intended to substitute standard abrasives and hard metal hand burrs. The fast removal rate and the long duration make the diamond tool the most economical solution. In addition, the environmental impact is dramatically reduced, since no more abrasive residues are produced. That implies a much safer work environment and less waste material to be disposed of.

Another important issue is the safety of the operator. Conventional abrasive wheels and discs are subjected to unpredictable breakages. A lot of effort has been made to increase the quality of standard abrasive wheels. The industry has set important technical norms to reduce the harm to workers. But accidents can still occur. With the use of diamond wheels this problem has been dramatically reduced.

The presence of residual sand on the castings or within the cast metal is another important topic. Both conventional abrasives and hard metal burrs are badly affected in their performances by the presence of sand. Diamond wheels proved themselves much better to cope with this troublesome aspect.

In order to make the best use of diamond tools, there are some principles to take into account. The most important rule concerns the precision of rotation. Grinding machines need to be very carefully maintained. Bearings, couplings and mounting flanges need to be in optimal conditions. The highest precision is a guarantee of the best performances. The reason for that is simple: diamond is hard but fragile. Vibrations, uneven rotation and an excessive temperature reduce the performance of diamond tools. That is why it is always advisable to minimise the grinding pressure and to avoid shocks.

Among our range of products, we are proud to propose our 'Muzzi-fit' burrs. A simple and precise coupling makes it possible to take advantage of all the benefits of diamond. The Muzzi-fit technology allows the minimisation of vibrations and uneven rotation. Special adaptors have been designed to fit the most widely used grinding machines.

Diamond files for the foundry industry are also presented here. They differ from standard products used in general mechanical applications. Thanks to a very special grit, our files are optimised for the hand finish of foundry cores. Cost savings in core production shops are remarkable.





MUZZI-FIT



DIAMOND BURRS WITH THREADED CONNECTION (MUZZI-FIT)

APPLICATIONS: CAST IRON (GREY AND NODULAR) - SOFT STONES - FRP - OTHER
 FEATURES: HIGH REMOVAL RATE - LONG LIFE
 MACHINES: DEVELOPED FOR HIGH FREQUENCY AND AIR GRINDERS
 SPEED: SPEED IS NORMALLY 18.000 RPM BUT HIGHER IS ADVISABLE
 SAFETY: MAX SPEED 80m/s (EN 13236:2019)

D diameter
 T overall diamond length
 L overall length
 R radius



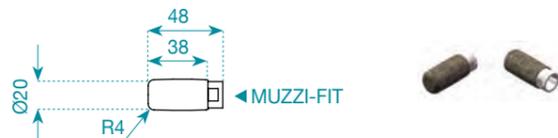
Muzzi-fit adaptors on page 12

* also used in automatic grinding

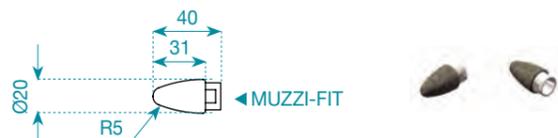
* also used in automatic grinding

MUZZI-FIT BURRS

shape	D	T	L	R	code
CYLINDER	20	38	48	4	F00872*



shape	D	T	L	R	code
PINE CONE	20	31	40	5	F00863



shape	D	T	L	R	code
CONE	20	43	52	5	F00869



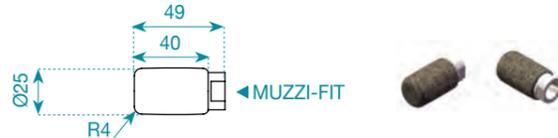
shape	D	T	L	R	code
CONE CYLINDER	20	51	-	5	F03190*



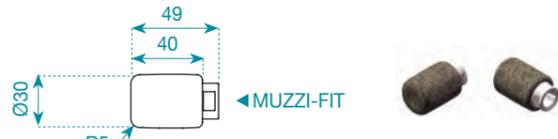
shape	D	T	L	R	code
CYLINDER RADIUS	20	40	50	10	F06803*



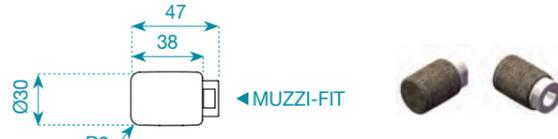
shape	D	T	L	R	code
CYLINDER	25	40	49	4	F00867*



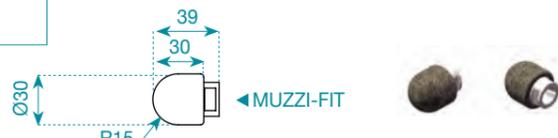
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CYLINDER	30	40	49	5	F00868*



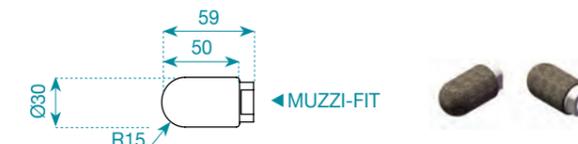
shape	D	T	L	R	code
CYLINDER (SMALL RADIUS)	30	38	47	2	F01607



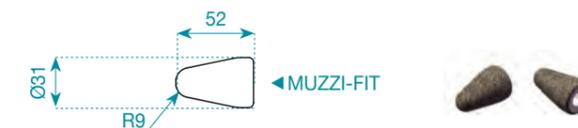
shape	D	T	L	R	code
CYLINDER RADIUS	30	30	39	15	F06080



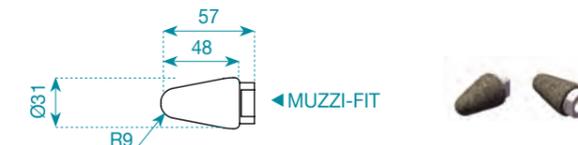
shape	D	T	L	R	code
CYLINDER RADIUS	30	50	59	15	F06632*



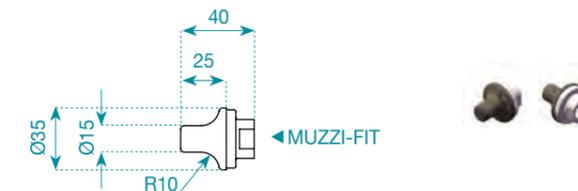
shape	D	T	L	R	code
CONE RADIUS	31	52	-	9	F00703



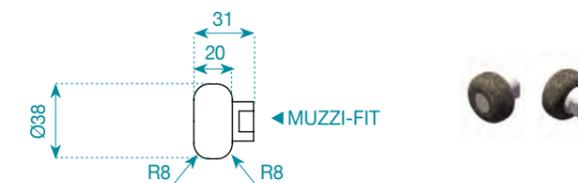
shape	D	T	L	R	code
CONE RADIUS (KEY)	31	48	57	9	F05802



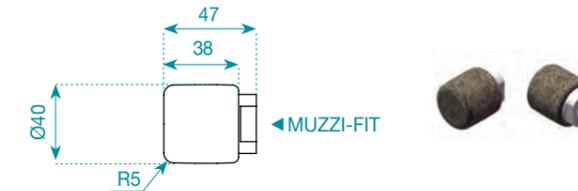
shape	D	T	L	R	code
CONCAVE RADIUS	35	25	40	10	F06755



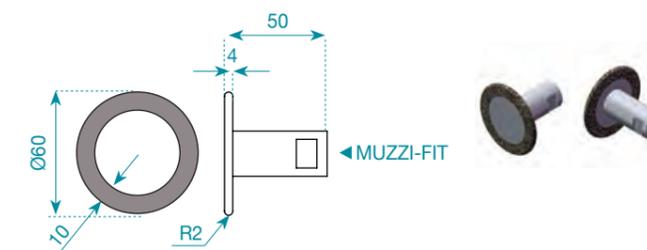
shape	D	T	L	R	code
DOUBLE RADIUS	38	20	31	8	F06636



shape	D	T	L	R	code
CYLINDER	40	38	47	5	F05725



shape	D	T	L	R	code
DISC	60	4	50	2	F05794



DIAMOND BURRS WITH THREADED CONNECTION (MUZZI-FIT)

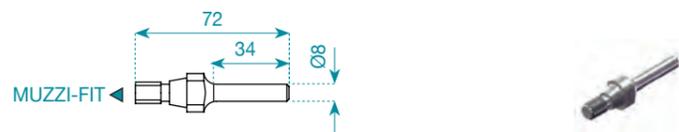
Diamond burrs with Muzzi-fit threaded connection are to be mounted on high speed grinders.
 High precision adaptors have been developed in order to minimise vibrations for the best performance and the maximum safety of the operator.
 Beside standard 8 mm-shaft adaptors with different lengths, special ones have been designed.
 These special fittings are to be used instead of elastic collets.
 We propose adaptors for the most widely used straight grinding machines.
 If your grinding machine is not listed, we can develop the perfect solution for your application.
 Special adaptors have also been developed to use Muzzi-fit diamond burrs on automatic grinding machines.
 See our products for the Koyama machines to find some examples.
 Get in touch with us to find out the best solution for your grinding needs.

Muzzi-fit burrs on page 10

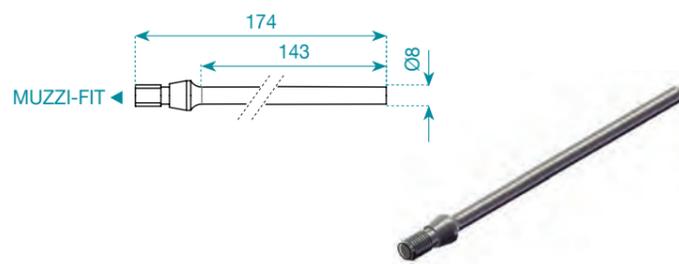
D diameter
 T overall diamond length
 L overall length
 R radius

MUZZI-FIT ADAPTORS

suitable for	length	code
ALL GRINDERS WITH 8 MM ELASTIC COLLET	72	S00050



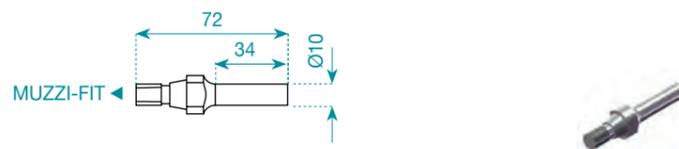
suitable for	length	code
ALL GRINDERS WITH 8 MM ELASTIC COLLET	174	S00492



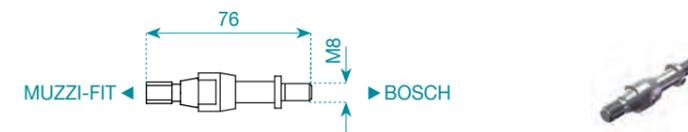
suitable for	length	code
ALL GRINDERS WITH 8 MM ELASTIC CHUCK	320	S00630



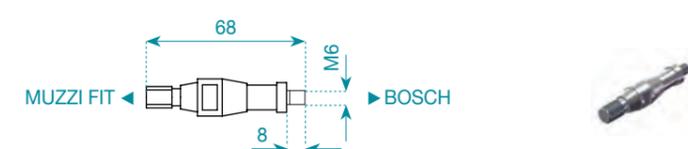
suitable for	length	code
ALL GRINDERS WITH 10 MM ELASTIC COLLET	72	S00372



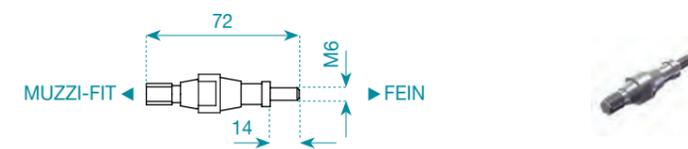
suitable for	length	code
BOSCH HIGH FREQUENCY STRAIGHT GRINDER	76	S00043



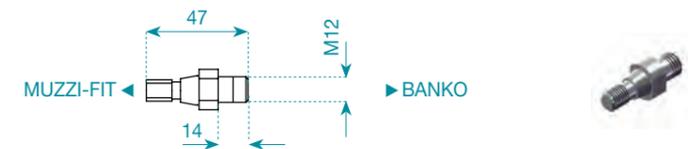
suitable for	length	code
BOSCH HIGH FREQUENCY STRAIGHT GRINDER	68	S00165



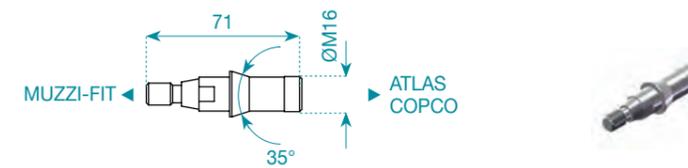
suitable for	length	code
FEIN HIGH FREQUENCY STRAIGHT GRINDER	72	S00044



suitable for	length	code
BANKO STRAIGHT AIR GRINDER	47	S00503



suitable for	length	code
ATLAS COPCO STRAIGHT AIR GRINDER	71	S00623





DIAMOND BURRS WITH SHANK

DIAMOND BURRS WITH SHANK

APPLICATIONS: CAST IRON (GREY AND NODULAR) - SOFT STONES - FRP - OTHER
 FEATURES: HIGH REMOVAL RATE - LONG LIFE
 MACHINES: DEVELOPED FOR HIGH FREQUENCY AND AIR GRINDERS
 SPEED: SPEED IS NORMALLY 18.000 RPM BUT
 SAFETY: MAX SPEED 80m/s (EN 13236:2019)

D diameter
 T overall diamond length
 L overall length
 R radius
 W diamond rim width

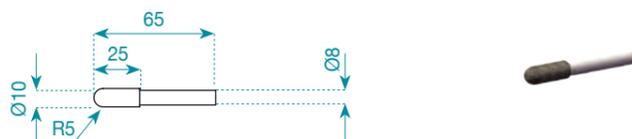


Ø6 mm shank on page 18

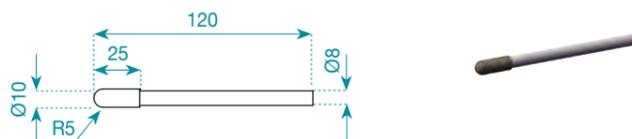
* also used in automatic grinding

Ø8 MM SHANK

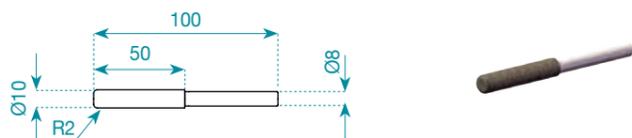
shape	D	T	L	R	code
CYLINDER RADIUS	10	25	65	5	F00859



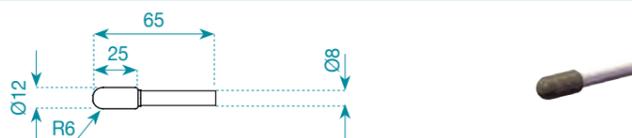
shape	D	T	L	R	code
CYLINDER RADIUS	10	25	120	5	F00439



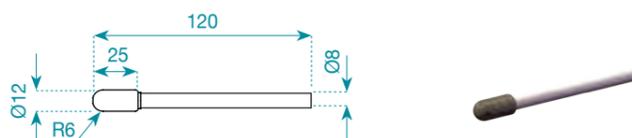
shape	D	T	L	R	code
CYLINDER	10	50	100	2	F02838*



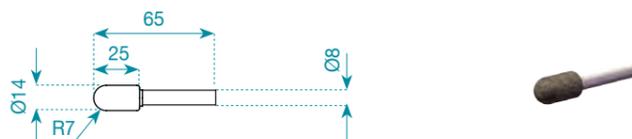
shape	D	T	L	R	code
CYLINDER RADIUS	12	25	65	6	F00981



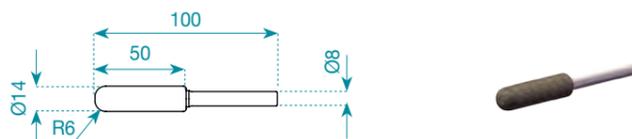
shape	D	T	L	R	code
CYLINDER RADIUS	12	25	120	6	F05987



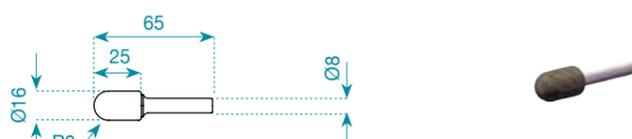
shape	D	T	L	R	code
CYLINDER RADIUS	14	25	65	7	F00860



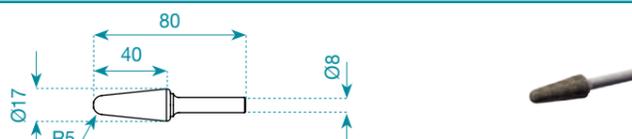
shape	D	T	L	R	code
CYLINDER RADIUS	14	50	100	6	F06631*



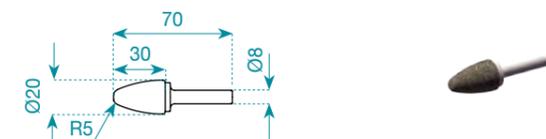
shape	D	T	L	R	code
CYLINDER RADIUS	16	25	65	8	F00861



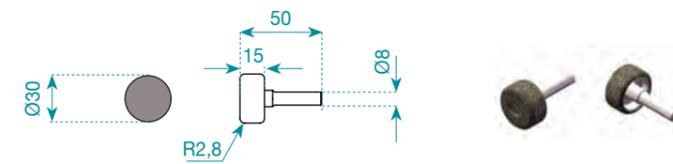
shape	D	T	L	R	code
CONE RADIUS	17	40	80	5	F00951



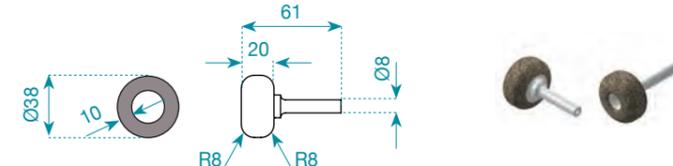
shape	D	T	L	R	W	code
PINE CONE	20	30	70	5		F01430



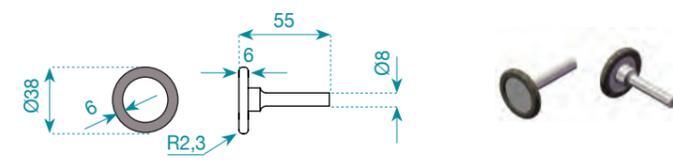
shape	D	T	L	R	W	code
CYLINDER	30	15	50	2,8		F03831



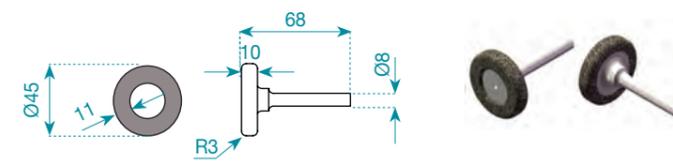
shape	D	T	L	R	W	code
DOUBLE RADIUS	38	20	61	8	10	F02711



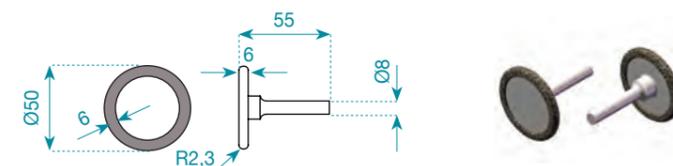
shape	D	T	L	R	W	code
CYLINDER RADIUS	38	6	55	2,3	6	F06426



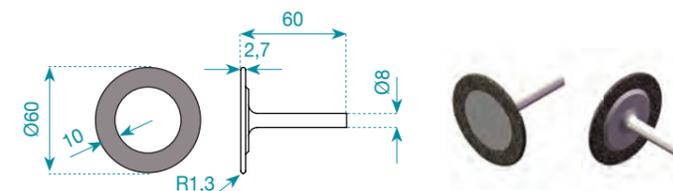
shape	D	T	L	R	W	code
CYLINDER RADIUS	45	10	68	3	11	F01300



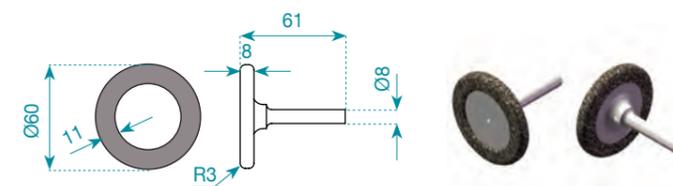
shape	D	T	L	R	W	code
CYLINDER RADIUS	50	6	55	2,3	6	F04049



shape	D	T	L	R	W	code
DISC	60	2,7	60	1,3	10	F07946



shape	D	T	L	R	W	code
CYLINDER RADIUS	60	8	61	3	11	F03077





DIAMOND BURRS WITH SHANK

APPLICATIONS: CAST IRON (GREY AND NODULAR) - SOFT STONES - FRP - OTHER
 FEATURES: HIGH REMOVAL RATE - LONG LIFE
 MACHINES: DEVELOPED FOR HIGH FREQUENCY AND AIR GRINDERS
 SPEED: SPEED IS NORMALLY 18.000 RPM BUT
 SAFETY: MAX SPEED 80m/s (EN 13236:2019)

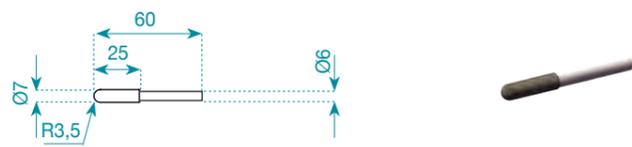
D diameter
 T overall diamond length
 L overall length
 R radius
 W diamond rim width



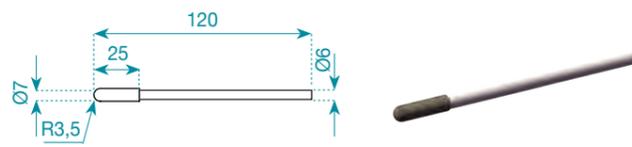
Ø8 mm shank on page 16

Ø6 MM SHANK

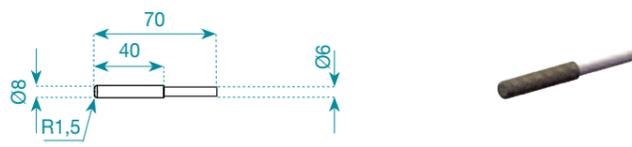
shape	D	T	L	R	code
CYLINDER RADIUS	7	25	60	3,5	F01104



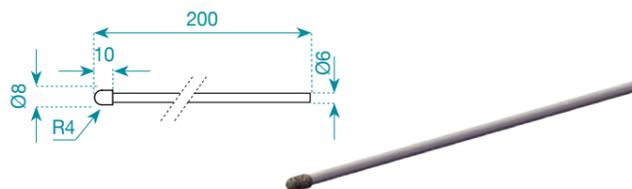
shape	D	T	L	R	code
CYLINDER RADIUS	7	25	120	3,5	F01082



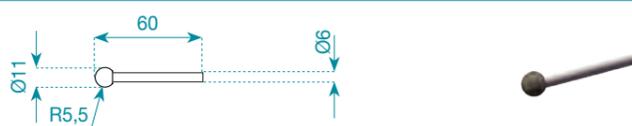
shape	D	T	L	R	code
CYLINDER	8	40	70	1,5	F06224



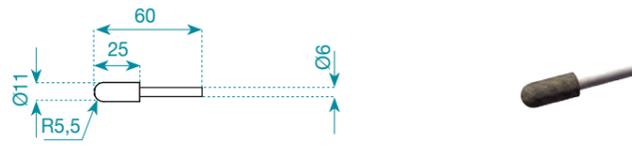
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CYLINDER RADIUS	8	10	200	4	F05224



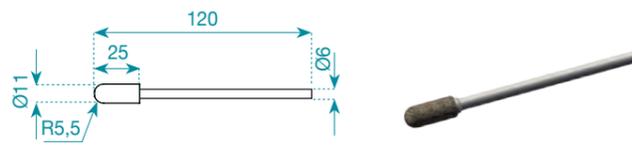
shape	D	T	L	R	code
SPHERE	11	10	60	5,5	F04633



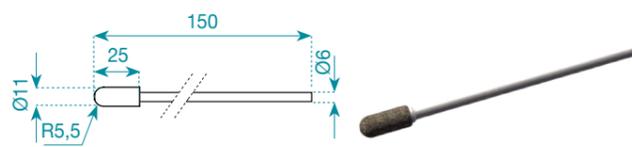
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CYLINDER RADIUS	11	25	60	5,5	F01084



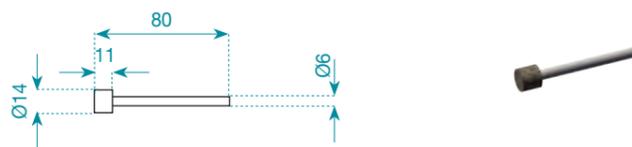
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CYLINDER RADIUS	11	25	120	5,5	F01069



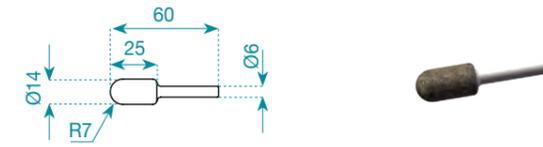
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CYLINDER RADIUS	11	25	150	5,5	F05668



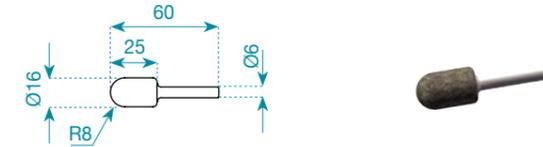
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CYLINDER	14	11	80		F05232



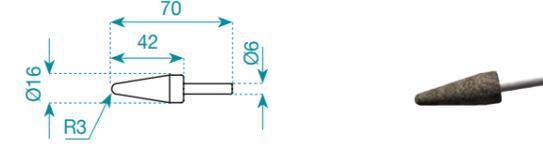
shape	D	T	L	R	W	code
CYLINDER RADIUS	14	25	60	7		F01726



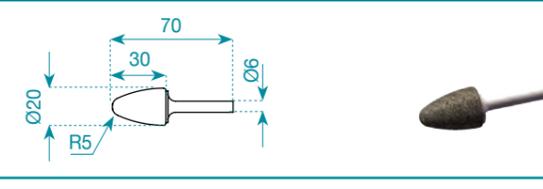
shape	D	T	L	R	W	code
CYLINDER RADIUS	16	25	60	8		F01727



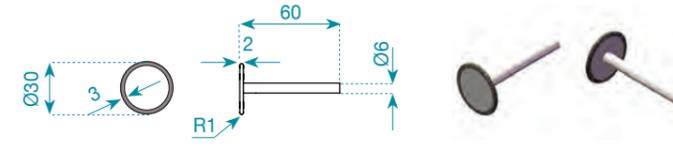
shape	D	T	L	R	W	code
CONE RADIUS CYLINDER	16	42	70	3		F00858



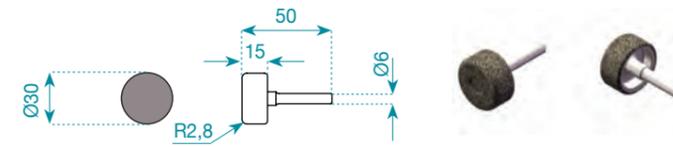
shape	D	T	L	R	W	code
PINE CONE	20	30	70	5		F01561



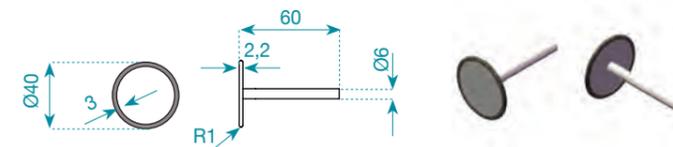
shape	D	T	L	R	W	code
DISC	30	2	60	1	3	F05960



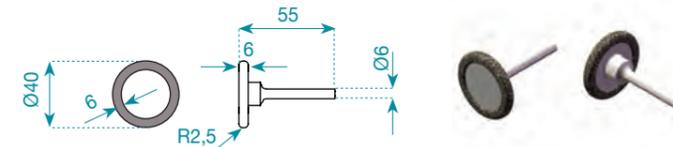
shape	D	T	L	R	W	code
CYLINDER	30	15	50	2,8		F00866



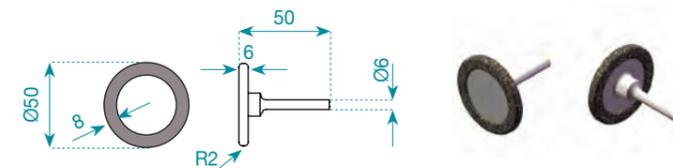
shape	D	T	L	R	W	code
DISC	40	2,2	60	1	3	F06423



shape	D	T	L	R	W	code
CYLINDER RADIUS	40	6	55	2,5	6	F05673



shape	D	T	L	R	W	code
CYLINDER RADIUS	50	6	50	2	8	F01871





DIAMOND WHEELS WITH HOLE FOR INTERNAL DEBURRING

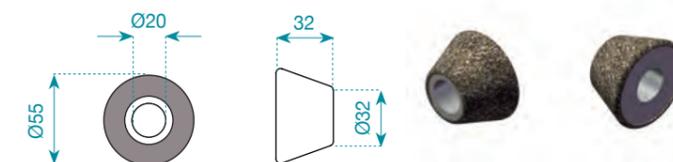
APPLICATIONS: CAST IRON (GREY AND NODULAR) - SOFT STONES - FRP - OTHER
 FEATURES: HIGH REMOVAL RATE - LONG LIFE
 MACHINES: DEVELOPED FOR STRAIGHT GRINDERS
 SAFETY: MAX PERIPHERAL SPEED 80m/s (EN 13236:2019)



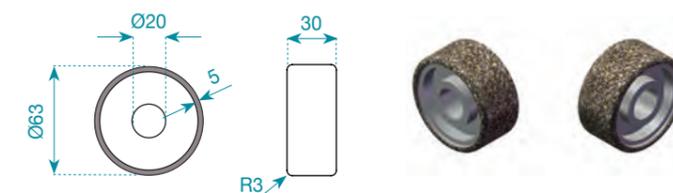
D external diameter
 T overall thickness
 H hole diameter
 R radius
 W diamond rim width

DIAMOND WHEELS WITH HOLE

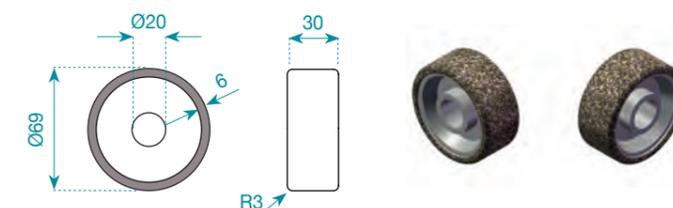
shape	D	T	H	R	W	code
CONE	55	32	20			F05728



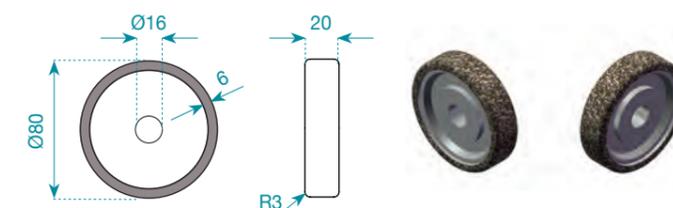
shape	D	T	H	R	W	code
CYLINDER	63	30	20	3	5	F02546



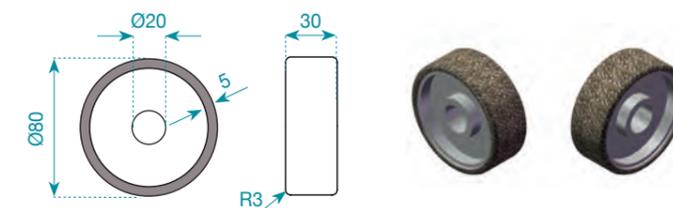
shape	D	T	H	R	W	code
CYLINDER	69	30	20	3	6	F05543



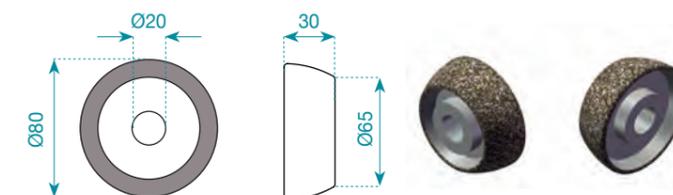
shape	D	T	H	R	W	code
CYLINDER	80	20	16	3	6	F05989



shape	D	T	H	R	W	code
CYLINDER	80	30	20	3	5	F05445



shape	D	T	H	R	W	code
BULGED	80	30	20			F05840





DIAMOND DISCS

V max 80m/900-rpm 1250
2022-POSRe-7
Ø120x20x22-2

MUZZI

DIAMOND DISCS FOR CUTTING AND LIGHT GRINDING

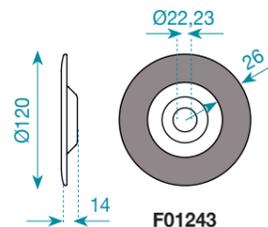
APPLICATIONS: CAST IRON (GREY AND NODULAR) - SOFT STONES - FRP - OTHER
 FEATURES: HIGH REMOVAL RATE - LONG LIFE
 MACHINES: DEVELOPED FOR ANGLE GRINDERS
 SAFETY: MAX PERIPHERAL SPEED 80m/s (EN 13236:2019)

H hole diameter
 T total thickness
 U cut thickness
 W diamond rim width



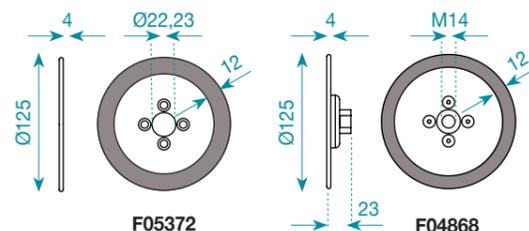
Ø 120

application	H	T	U	W	RPM	alu flange	code
GRIND	22,23	14		26	max 12.250		F01243



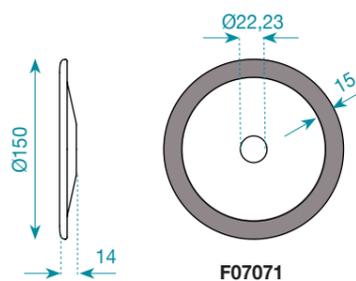
Ø 125

application	H	T	U	W	RPM	alu flange	code
CUT & GRIND	22,23	4		12	max 12.250		F05372
CUT & GRIND	M14	23	4	12	max 12.250	■	F04868



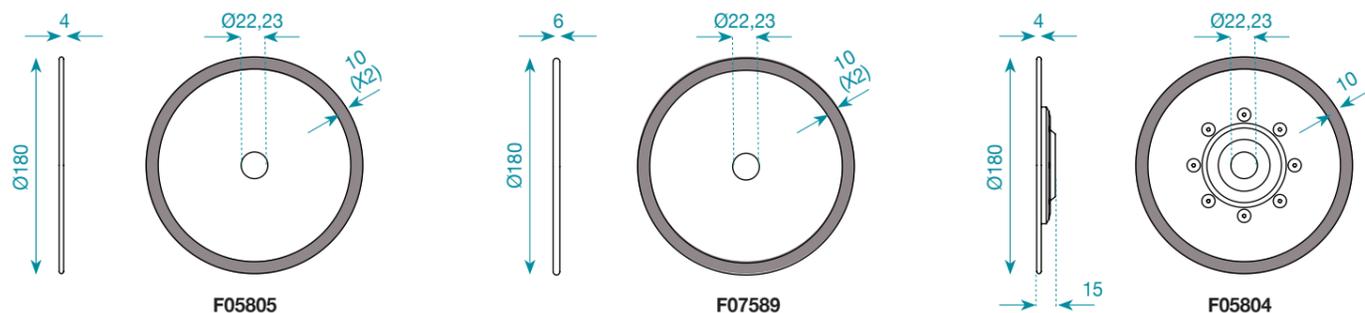
Ø 150

application	H	T	U	W	RPM	alu flange	code
GRIND	22,23	14		15	max 10.200		F07071



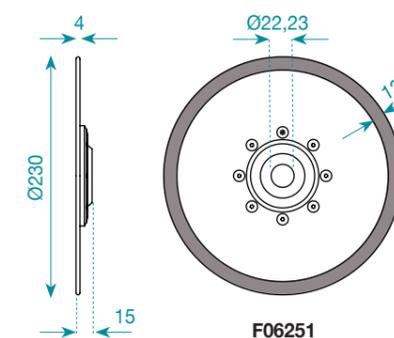
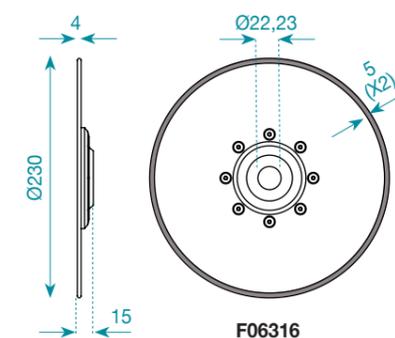
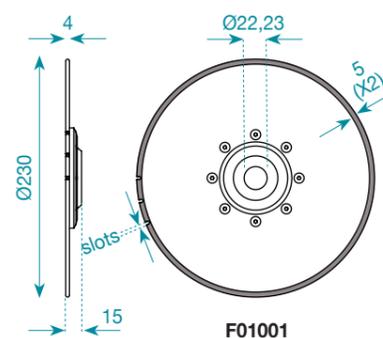
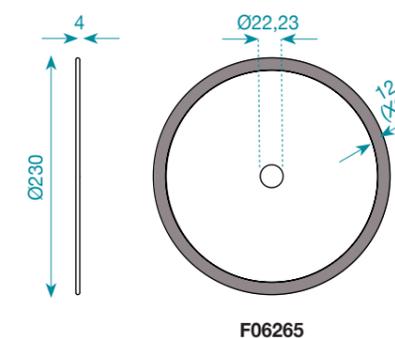
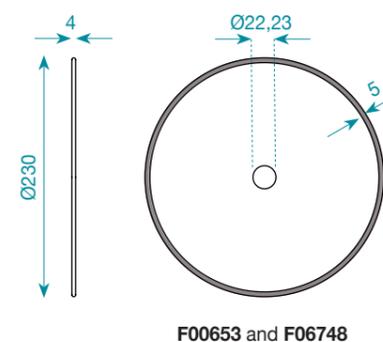
Ø 180

application	H	T	U	W	RPM	alu flange	code
CUT & GRIND	22,23	4		10	max 8.500		F05805
CUT & GRIND	22,23	6		10	max 8.500		F07589
CUT & GRIND	22,23	15	4	10	max 8.500	■	F05804



Ø 230

application	H	T	U	W	RPM	alu flange	slot	code	note
CUT	22,23	4		5	max 6.650			F00653	Do not use for grinding
CUT	22,23	4		5	max 6.650			F06748	High removal rate - Do not use for grinding
CUT & GRIND	22,23	4		12	max 6.650			F06265	
CUT	22,23	15	4	5	max 6.650	■	■	F01001	Do not use for grinding
CUT & GRIND	22,23	15	4	5	max 6.650	■		F06316	Do not use for grinding
CUT & GRIND	22,23	15	4	12	max 6.650	■		F06251	



DIAMOND FILES FOR THE FINISHING OF FOUNDRY CORES

APPLICATIONS: HAND FINISHING OF CORES USED IN MOULDS
 FEATURES: LONG LIFE COMPARED TO STANDARD HARDENED STEEL FILES
 SAFETY: NO MAJOR TWEATH - WEAR PERSONAL PROTECTIVE EQUIPMENT

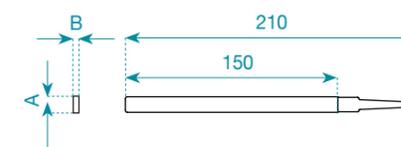


W diamond length
 L overall length

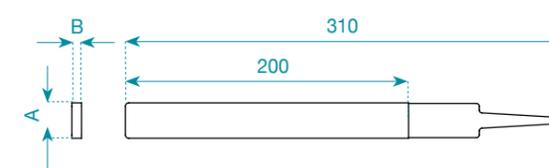
DIAMOND FILES

RECTANGULAR

shape	section AxB	W	L	code
RECTANGULAR	11x3	150	210	F01970
RECTANGULAR	15x2	150	210	F03193
RECTANGULAR	15x3	150	210	F03203
RECTANGULAR	18x5	150	210	F01400

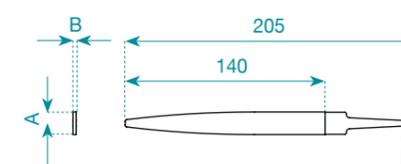


shape	section AxB	W	L	code
RECTANGULAR	25x5	200	310	F05907
RECTANGULAR	25x7	200	310	F04100


POINTED RECTANGULAR

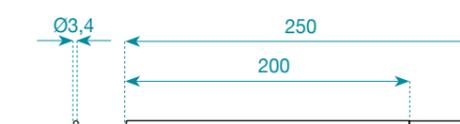
shape	section AxB	W	L	code
POINTED RECTANGULAR	16x2,2	140	205	F04275*
POINTED RECTANGULAR	16,4x2,6	140	205	F06756

* fine grit


ROUND

shape	section Ø	W	L	code
ROUND	3,4	200	250	F05245*

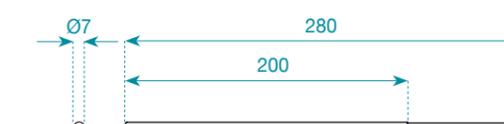
* fine grit



shape	section Ø	W	L	code
ROUND	5	150	200	F04101

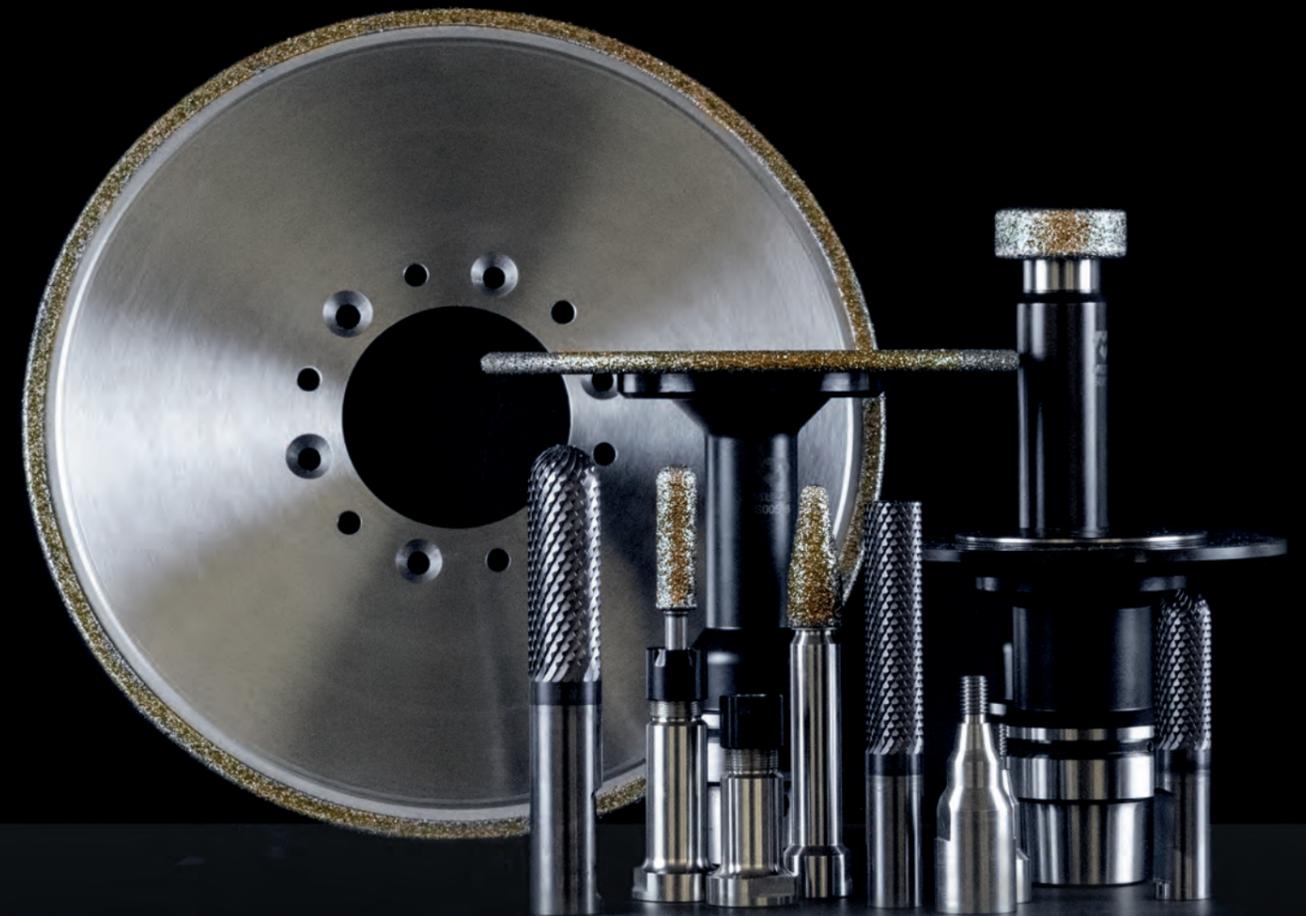


shape	section Ø	W	L	code
ROUND	7	200	280	F03280





AUTOMATIC FETTLING



Safety issues, lack of workers and the need for cost reduction keep pushing towards a world where grinding will be more and more automated.

During the last 20 years we've been an active actor in this process, supporting grinding shops and machine producers at our best.

Thanks to this experience, we are now in a position to offer standard products for the automatic grinding of cast iron castings.

The aim of this catalogue is to show our production capabilities, even if our range of products and solutions is much wider.

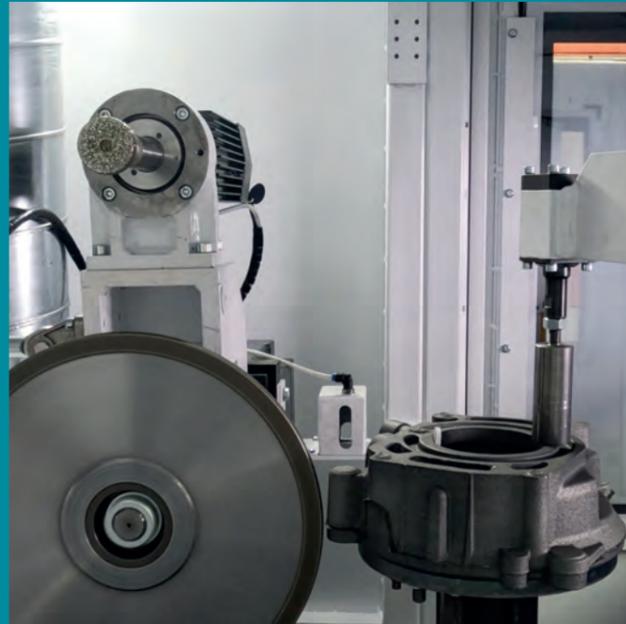
Beside diamond wheels, we propose high precision tool holders and special hard metal burrs.

To the advantage of our esteemed customers, we are steadily improving our specifications and investigating new technologies.

In this sense, we are open to cooperate with grinding shops and machine producers to develop new tools and solutions.

Special materials, new grinding machines, clever grinding strategies and innovative processes give us the right motivation for improvement.

Get in touch with us to find together the best grinding solutions for your needs.



PRECISION

Thanks to our experience in the precision mechanical industry, we produce diamond tools that respond to tight dimensional specifications. This is of the utmost importance, even if cast iron grinding is normally thought of as a low precision industry. With precision tools our customers can minimise vibration, bearings consumption and considerably increase the machine and the tool life.



DOUBLE FACE

Our wheels are designed to be easily reversed. This is particularly important when the grinding strategy solicits one radius or one side of the wheel. By reversing the wheel, our customers can make the best use of the diamond surface, prolonging the wheel life and saving on OPEX costs.



BALANCING

Both large wheels and small tools used on NC machines are balanced. This is important for the machine's spindle, reducing downtime and prolonging the bearing's life. This is also strategic for the diamond wheel's life. Vibrations and uneven rotation generate micro-shocks on the diamond crystals, profoundly reducing the wheel's performance.

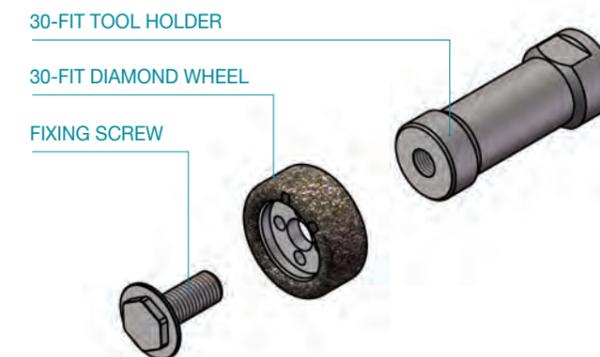
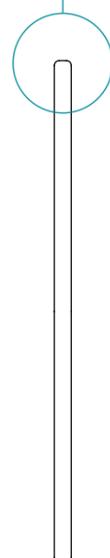
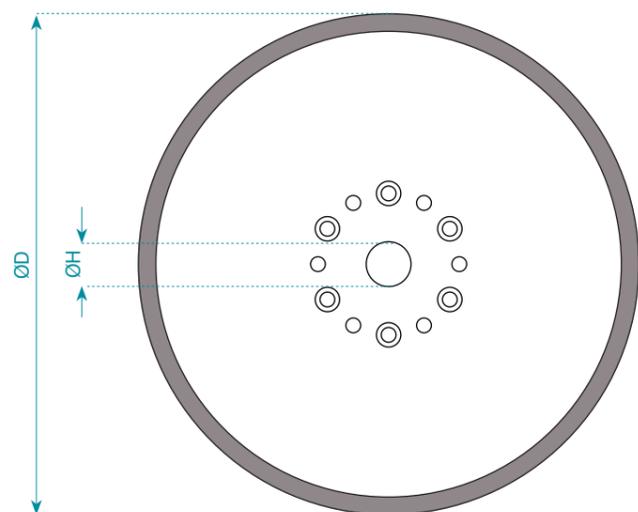
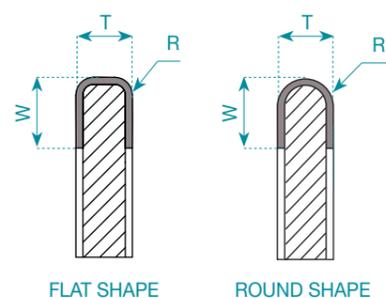


HIGH QUALITY DIAMOND

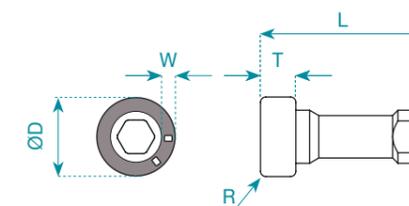
Our expertise allows us to choose the best diamond crystals, in terms of grit and quality. D711 and D851 grits are today dedicated only to special finish requirements and to low-price products. The wheels used in automatic grinding are coated with high quality D1001 diamond. For the most demanding applications a very high performance D1181 diamond is proposed.

DIAMOND WHEELS

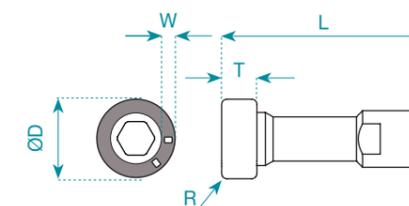
shape	D	T	R	W	H	application	code
FLAT	305	12	3,5	10	31,75	GRIND	F07016
ROUND	355	5	2,3	10	31,75	CUT	F03775
ROUND	355	8	4	10	31,75	GRIND	F02067
FLAT	355	8	2,5	10	31,75	GRIND	F02051
FLAT	355	12	3,5	10	31,75	GRIND	F01017
FLAT	405	8	2,5	10	31,75	GRIND	F07313
FLAT	405	12	3,5	10	31,75	GRIND	F07381
ROUND	407	6	3	7	31,75	CUT	F03068
FLAT	407	25	2	8	31,75	FRONT GRIND	F04952
ROUND	510	8	3,5	8	31,75	CUT	F07080
FLAT	510	12	3,5	8	31,75	GRIND	F05928
FLAT	510	17	4	25	31,75	GRIND	F07558

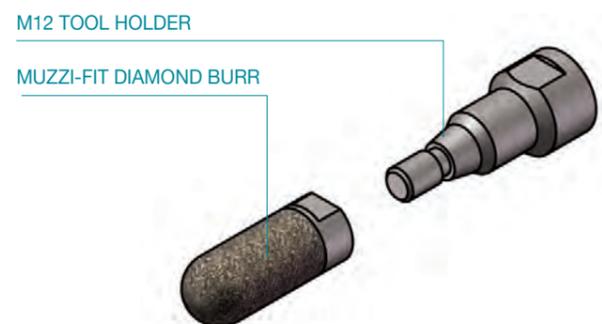

TOOL HOLDER L=80

	D	T	L	R	W	code
M12 TOOL HOLDER						S00853
FIXING SCREW						S00609
M16 LEFT TOOL HOLDER						S00813
FIXING SCREW - LEFT THREAD						S00917
DIAMOND WHEEL	45	20	93	3	7	F07609
DIAMOND WHEEL	50	20	93	4	9	F03090


TOOL HOLDER L=102

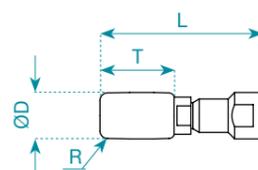
	D	T	L	R	W	code
M16 LEFT TOOL HOLDER						S00860
FIXING SCREW - LEFT THREAD						S00917
DIAMOND WHEEL	45	20	115	3	7	F07609
DIAMOND WHEEL	50	20	115	4	9	F03090



MUZZI SOLUTIONS FOR GRINDING MACHINES WITH Ø31.75 CONNECTION
MUZZI-FIT BURRS AND TOOL HOLDERS

TOOL HOLDER L=62

	D	T	L	R	code
M12 TOOL HOLDER					S00652
CYLINDER DIAMOND BURR	20	38	87	4	F00872
CYLINDER DIAMOND BURR	25	40	88	4	F00867
CYLINDER DIAMOND BURR	30	40	88	5	F00868
CYLINDER RADIUS DIAMOND BURR	20	40	79	10	F06803
CYLINDER RADIUS DIAMOND BURR	30	50	98	15	F06632
CONE CYLINDER DIAMOND BURR	20	51	90	5	F03190

CYLINDER



CYLINDER RADIUS

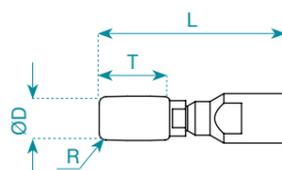


CONE CYLINDER


TOOL HOLDER L=80

	D	T	L	R	code
M12 TOOL HOLDER					S00824
CYLINDER DIAMOND BURR	20	38	105	4	F00872
CYLINDER DIAMOND BURR	25	40	106	4	F00867
CYLINDER DIAMOND BURR	30	40	106	5	F00868
CYLINDER RADIUS DIAMOND BURR	20	40	97	10	F06803
CYLINDER RADIUS DIAMOND BURR	30	50	116	15	F06632
CONE CYLINDER DIAMOND BURR	20	51	108	5	F03190

CYLINDER



CYLINDER RADIUS

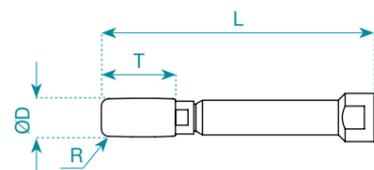


CONE CYLINDER

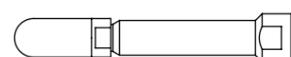

TOOL HOLDER L=117

	D	T	L	R	code
M12 TOOL HOLDER					S00791
CYLINDER DIAMOND BURR	20	38	142	4	F00872
CYLINDER RADIUS DIAMOND BURR	20	40	134	10	F06803
CONE CYLINDER DIAMOND BURR	20	51	145	5	F03190

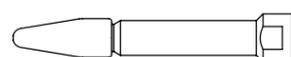
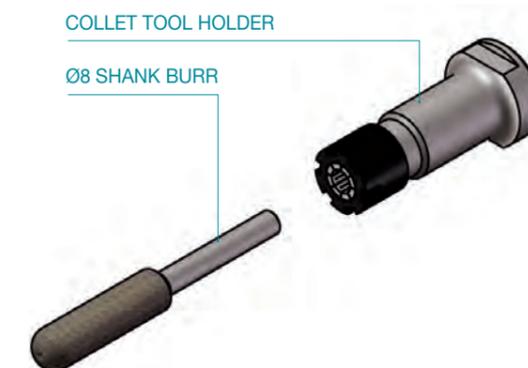
CYLINDER



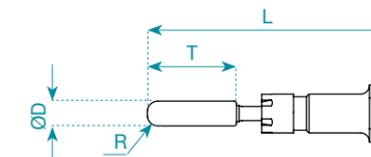
CYLINDER RADIUS



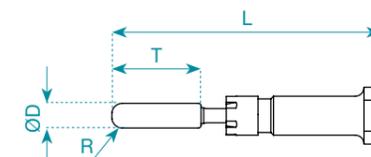
CONE CYLINDER

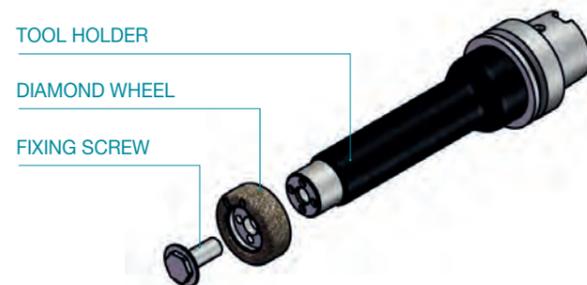

Ø8 SHANK BURRS AND COLLET TOOL HOLDERS

M12 COLLET TOOL HOLDER L=70

	D	T	L	R	code
M12 COLLET TOOL HOLDER					S00850
Ø8 SHANK CYLINDER BURR	10	50	142	2	F02838
Ø8 SHANK CYLINDER RADIUS BURR	14	50	141	6	F06631

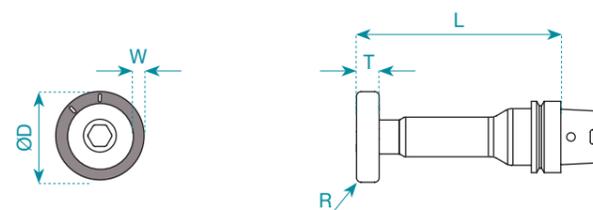

M16 LEFT COLLET TOOL HOLDER L=88

	D	T	L	R	code
M16 LEFT COLLET TOOL HOLDER					S00777
Ø8 SHANK CYLINDER BURR	10	50	154	2	F02838
Ø8 SHANK CYLINDER RADIUS BURR	14	50	153	6	F06631

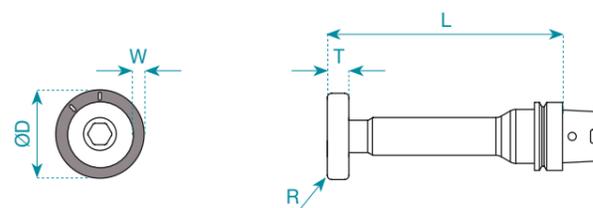


MUZZI SOLUTIONS FOR ROBOTS AND GRINDING MACHINES WITH HSK63A CONNECTION
30-FIT DIAMOND WHEELS AND TOOL HOLDERS

HSK63A TOOL HOLDER L=170

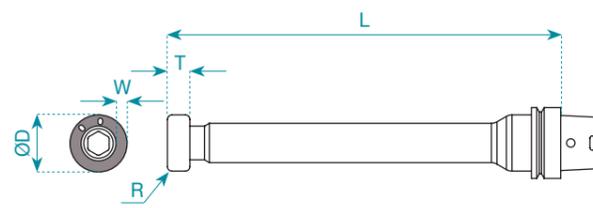
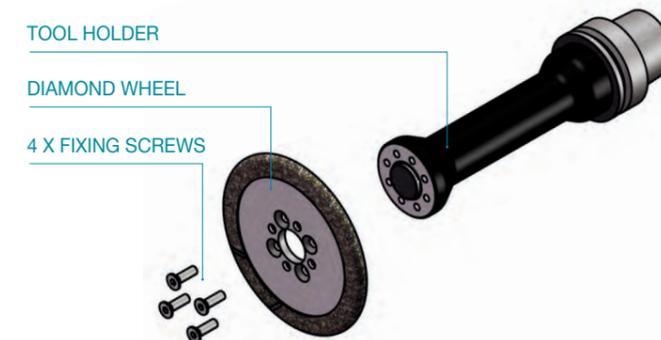
	D	T	L	R	W	code
30-FIT TOOL HOLDER L=170						S00595
FIXING SCREW						S00609
FLAT WHEEL	45	20	183	3	7	F07609
FLAT WHEEL	50	12	178	4	9	F01273
FLAT WHEEL	50	20	183	4	9	F03090
FLAT WHEEL	60	12	178	4	13	F00172
FLAT WHEEL	70	12	178	4	14	F02438
FLAT WHEEL	70	20	184	4	14	F01747
FLAT WHEEL	80	20	184	4	10	F04333
FLAT WHEEL	90	20	184	4	11	F04810
FLAT WHEEL	100	20	184	4	16	F03465


HSK63A TOOL HOLDER L=200

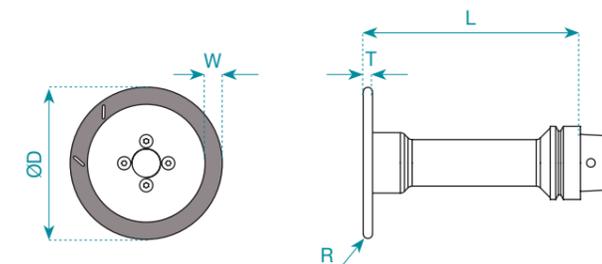
	D	T	L	R	W	code
30-FIT TOOL HOLDER L=200						S00759
FIXING SCREW						S00609
FLAT WHEEL	45	20	213	3	7	F07609
FLAT WHEEL	50	12	208	4	9	F01273
FLAT WHEEL	50	20	213	4	9	F03090
FLAT WHEEL	60	12	208	4	13	F00172
FLAT WHEEL	70	12	208	4	14	F02438
FLAT WHEEL	70	20	214	4	14	F01747
FLAT WHEEL	80	20	214	4	10	F04333
FLAT WHEEL	90	20	214	4	10	F04810
FLAT WHEEL	100	20	214	4	16	F03465


HSK63A TOOL HOLDER L=337

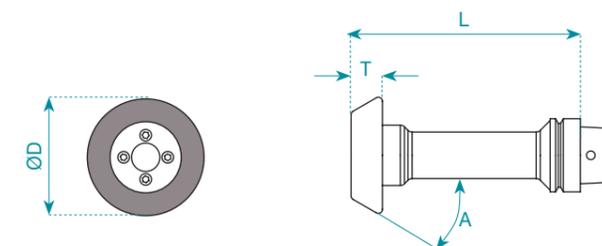
	D	T	L	R	W	code
30-FIT TOOL HOLDER L=337						S00699
FIXING SCREW						S00609
FLAT WHEEL	45	20	350	3	7	F07609
FLAT WHEEL	50	12	345	4	9	F01273
FLAT WHEEL	50	20	350	4	9	F03090
FLAT WHEEL	60	12	345	4	13	F00172
FLAT WHEEL	70	12	345	4	14	F02438


25-FIT DIAMOND WHEELS AND TOOL HOLDERS

HSK63A TOOL HOLDER L=180

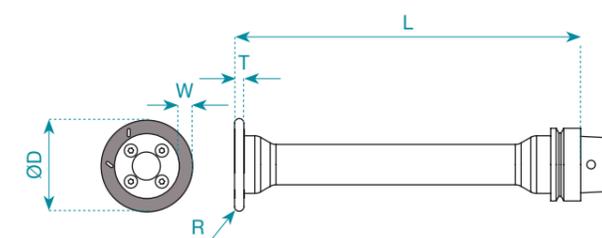
	D	T	L	R	W	code
25-FIT TOOL HOLDER L=180						S00758
M6x20 FIXING SCREW						S00963
ROUND WHEEL	80	8	187	4	12	F04120
ROUND WHEEL	100	5	184	2,5	13	F04602
ROUND WHEEL	120	14	192,5	5	6	F07476
ROUND WHEEL	130	6	185	3	14	F04948
ROUND WHEEL	130	8	187	4	15	F04121
ROUND WHEEL	150	8	187	4	16	F05291
ROUND WHEEL	160	8	187	4	20	F06944

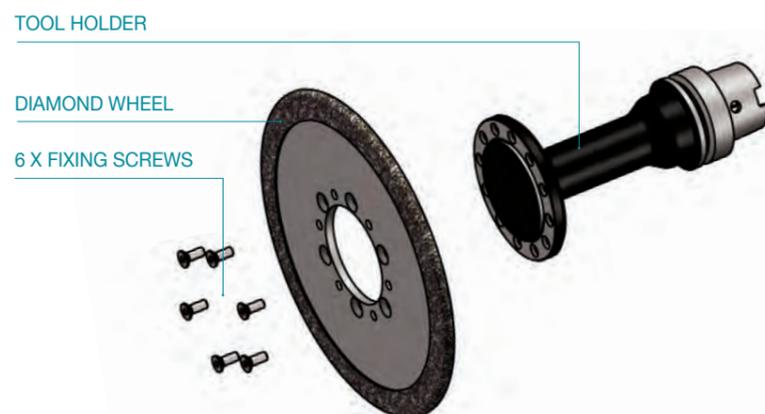


	D	T	L	R	W	code
25-FIT TOOL HOLDER L=180						S00758
M6x20 FIXING SCREW						S00974
CONE WHEEL (A=30°)	100	27	197,5			F04020

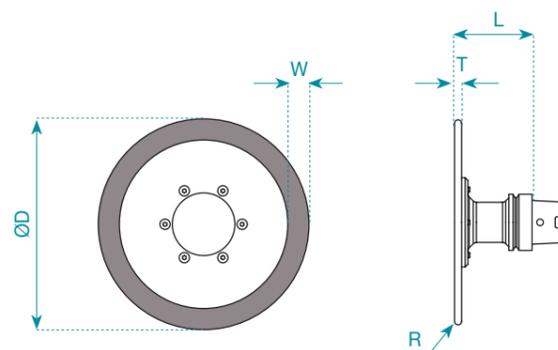
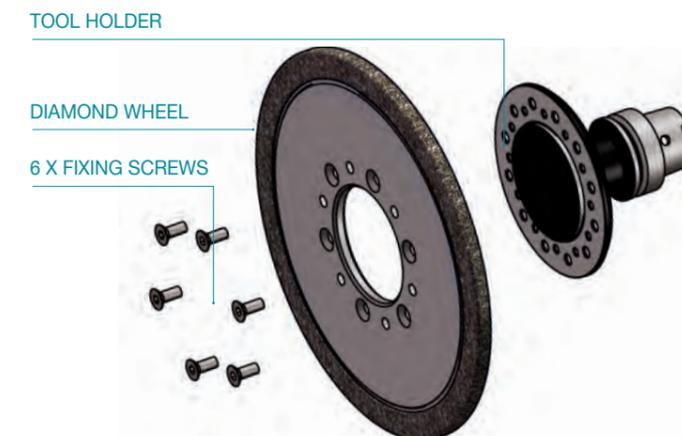

HSK63A TOOL HOLDER L=293

	D	T	L	R	W	code
25-FIT TOOL HOLDER L=293						S00597
M6x30 FIXING SCREW						S00963
ROUND WHEEL	80	8	300	4	12	F04120
ROUND WHEEL	100	5	297	2,5	13	F04602
ROUND WHEEL	130	6	298	3	14	F04948
ROUND WHEEL	130	8	300	4	15	F04121

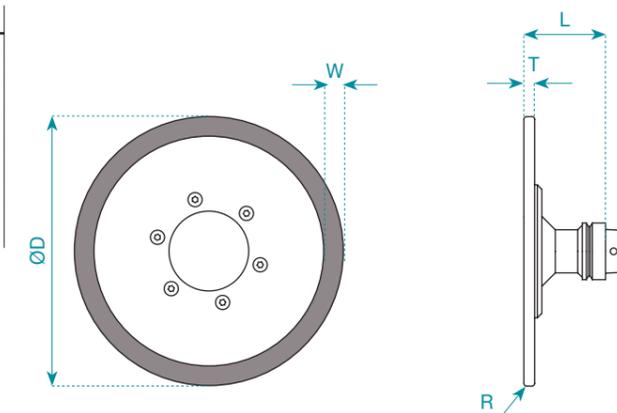


MUZZI SOLUTIONS FOR ROBOTS AND GRINDING MACHINES WITH HSK63A CONNECTION
70-FIT DIAMOND WHEELS AND TOOL HOLDERS

HSK63A TOOL HOLDER L=80

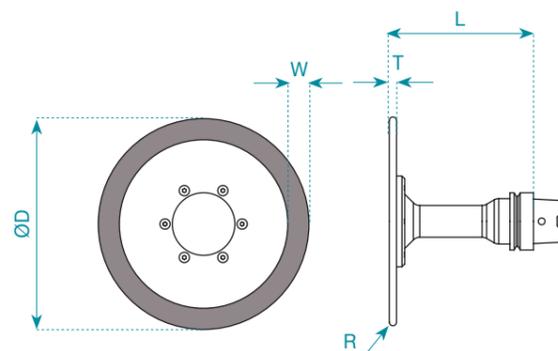
	D	T	L	R	W	code
70-FIT TOOL HOLDER L=80						S00965
M6x20 FIXING SCREW						S00963
ROUND WHEEL	170	8	87	4	20	F05180
ROUND WHEEL	200	8	87	4	20	F03051
ROUND WHEEL	230	8	87	4	20	F03052
FLAT WHEEL	230	20	96	3	20	F05257
ROUND WHEEL	250	8	87	4	20	F07944


90-FIT DIAMOND WHEELS AND TOOL HOLDERS

HSK63A TOOL HOLDER L=80

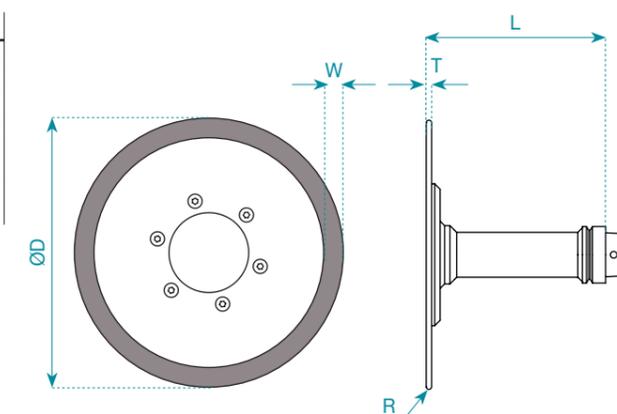
	D	T	L	R	W	code
90-FIT TOOL HOLDER L=80						S00878
M8x20 FIXING SCREW						S00880
M6x20 FIXING SCREW						S00963
FLAT WHEEL	300	12	91	3	20	F04690
CUTTING DISC	265	6	85,5	3	15	F07635
CUTTING DISC (D1181)	300	6	85,5	3	15	F07634
CUTTING DISC	340	6,5	85,5	3	10	F03991


HSK63A TOOL HOLDER L=152

	D	T	L	R	W	code
70-FIT TOOL HOLDER L=152						S00598
M6x20 FIXING SCREW						S00963
ROUND WHEEL	170	8	159	4	20	F05180
ROUND WHEEL	200	8	159	4	20	F03051
ROUND WHEEL	230	8	159	4	20	F03052
FLAT WHEEL	230	20	168	3	20	F05257
ROUND WHEEL	250	8	159	4	20	F07944

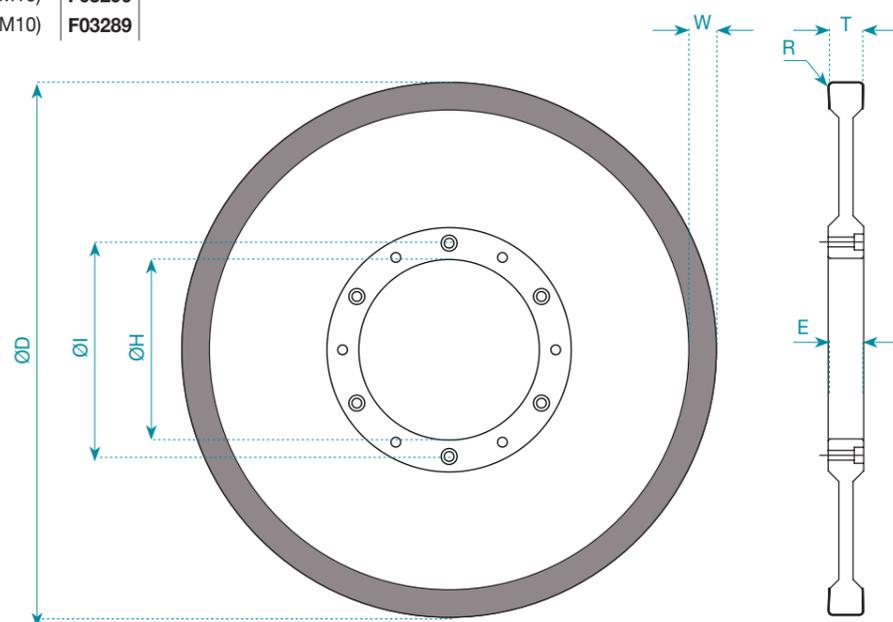

HSK63A TOOL HOLDER L=194,5

	D	T	L	R	W	code
90-FIT TOOL HOLDER L=194,5						S00886
M8x20 FIXING SCREW						S00880
M6x20 FIXING SCREW						S00963
CUTTING DISC	265	6	200	3	15	F07635
CUTTING DISC (D1181)	300	6	200	3	15	F07634
CUTTING DISC	340	6,5	200	3	10	F03991

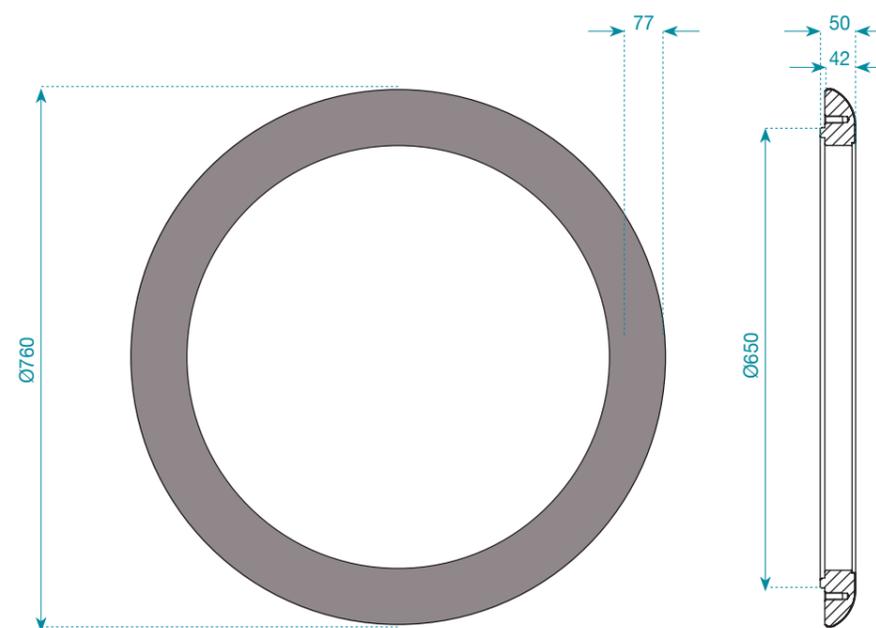
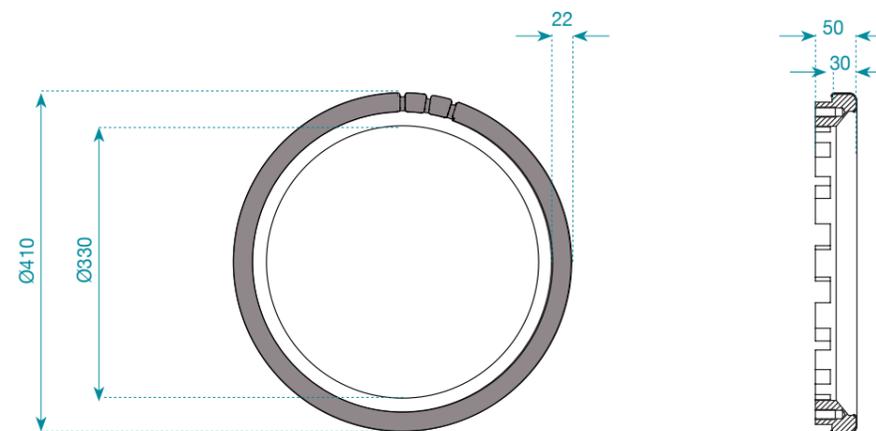


MUZZI SOLUTIONS FOR MAUS MACHINES
STRAIGHT PERIPHERAL GRINDING WHEELS
WHEELS

D	T	R	W	H	E	I	code
300	12	3	20	90	10	120 (M8)	F04690
350	12	3	20	90	10	120 (M8)	F03840
400	20	4	30	127	20	150 (M10)	F03339
500	12	3	22	127	9	150 (M8)	F04128
500	20	4	25	127	20	150 (M10)	F06359
500	30	4	30	127	20	150 (M10)	F05551
600	20	4	25	127	20	150 (M10)	F03388
600	12	4	25	203,2	20	240 (M10)	F03290
600	40	5	30	203,2	40	240 (M10)	F03289

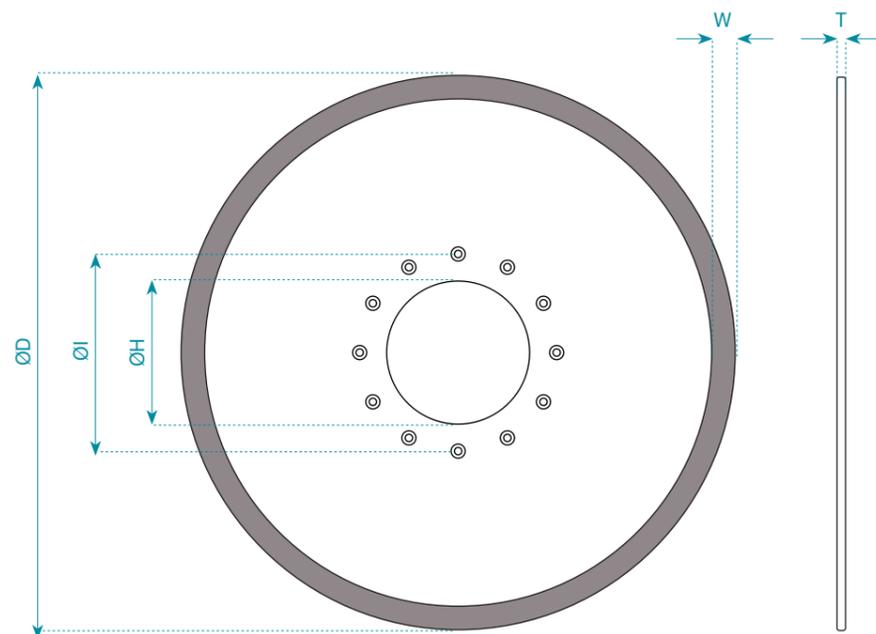

CUP WHEELS
CUP WHEELS

	D	T	U	W	H	code
CUP WHEEL	760	50	42	77	650	F01814
CUP WHEEL	410	50	30	22	330	F03086

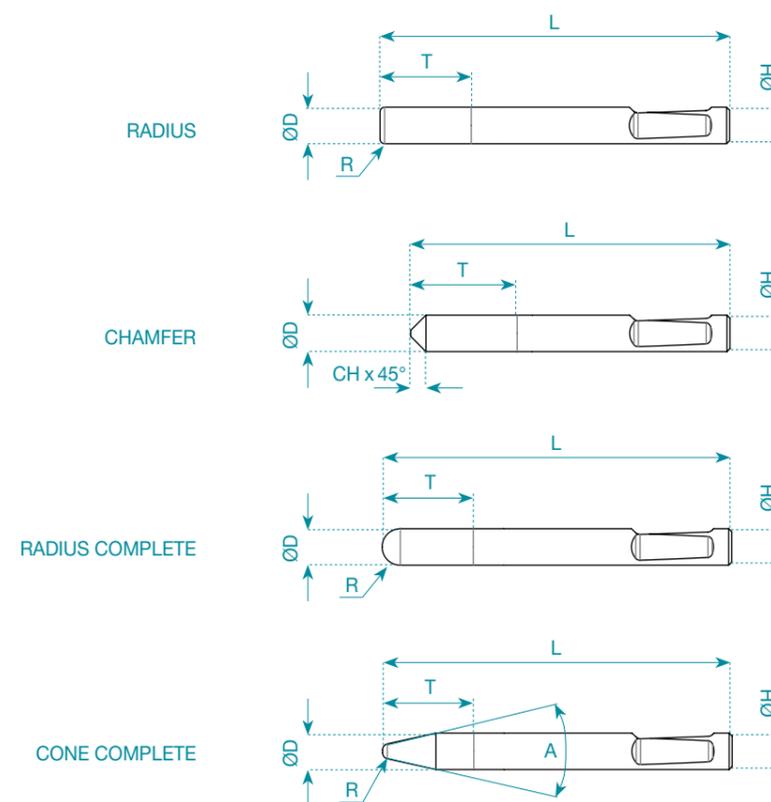

F01814

F03086


CUTTING DISCS
DISCS

D	T	W	H	I	grit	code
300	6	15	90	110 (M6)	D1181	F07634
340	6,5	9	90	120 (M10)	D1001	F03991
490	6	20	127	175 (M6)	D1181	F04422
500	6,4	6	127	150 (M8)	D1001	F06544
590	10	20	203,2	240 (M10)	D1181	F04712

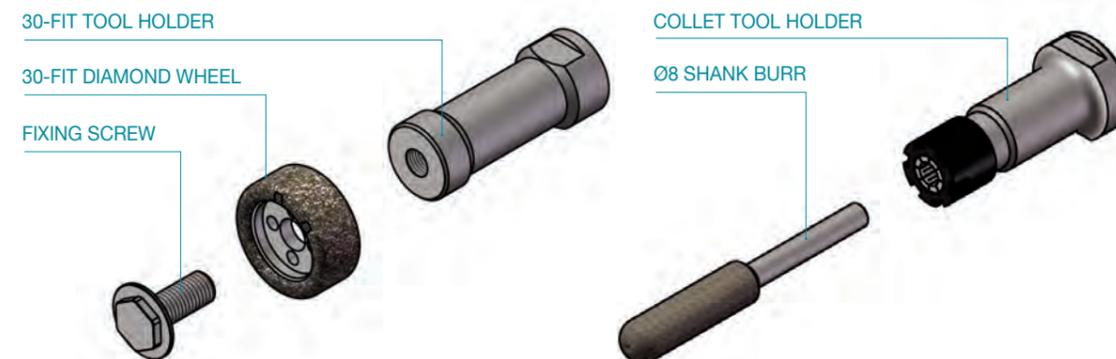
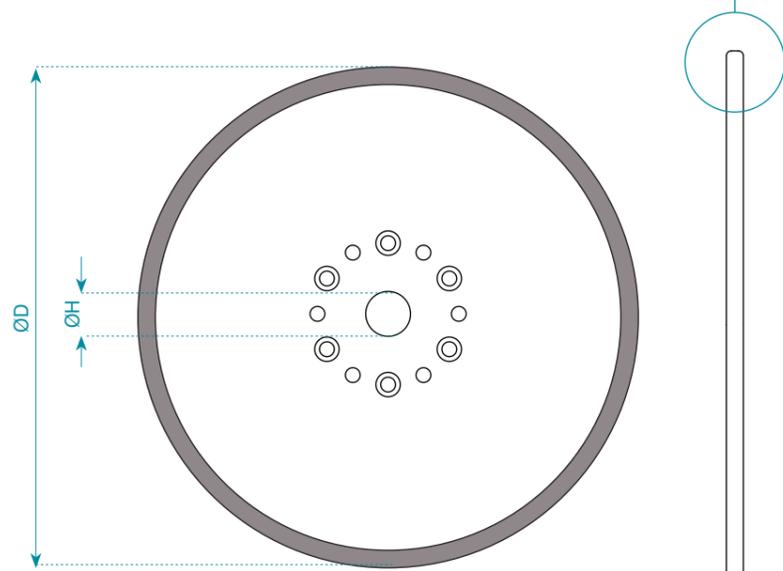
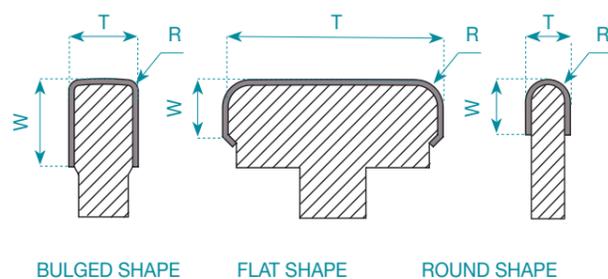

HARD METAL BURRS
BURRS

shape	D	T	L	H	R / CH - A	code
RADIUS	8	25	98	8 (2 x WHISTLE NOTCH)	1,5	F04131
RADIUS	12	30	115	12 (2 x WHISTLE NOTCH)	1,5	F04126
RADIUS	20	85	140	20 (2 x WHISTLE NOTCH)	1	F03042
CHAMFER	12	35	105	12 (2 x WHISTLE NOTCH)	5	F04392
CHAMFER	16	45	105	16 (2 x WHISTLE NOTCH)	2	F05634
RADIUS COMPLETE	20	55	108	20 (2 x WHISTLE NOTCH)	10	F07384
RADIUS COMPLETE	20	80	140	20 (2 x WHISTLE NOTCH)	10	F03041
RADIUS COMPLETE	25	80	160	25 (2 x WHISTLE NOTCH)	12,5	F04091
CONE COMPLETE	20	80	160	20 (2 x WHISTLE NOTCH)	2 - 25°	F05259

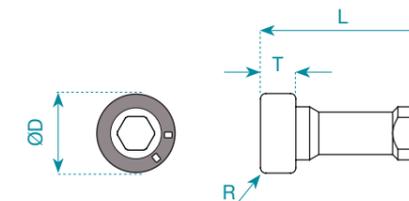


MUZZI SOLUTIONS FOR REICHMANN MACHINES
STRAIGHT PERIPHERAL GRINDING WHEELS (MAUS 600-2200)
30-FIT DIAMOND WHEELS, Ø8 SHANK BURRS AND TOOL HOLDERS (MAUS 600-2200)
LARGE DIAMETER WHEELS FOR THE MAIN SPINDLE

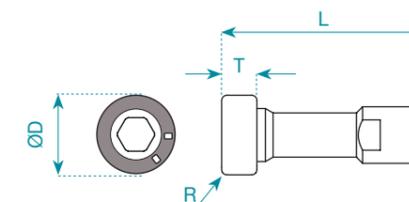
shape	D	T	R	W	H	application	code
BULGED	355	12,6	2	16	80	GRIND	F07503
BULGED	355	25,2	3,5	16	80	GRIND	F07828
ROUND	380	6	3	10	80	CUT	F07772
BULGED	380	12	3	10	80	GRIND	F07773
BULGED	380	12,6	2	16	80	GRIND	F07945
BULGED	380	21	4	17	80	GRIND	F07862
FLAT	380	40	5	10	80	FRONT GRIND	F07774
BULGED	425	12,6	2	10	80	GRIND	F07875


30-FIT TOOL HOLDER L=80

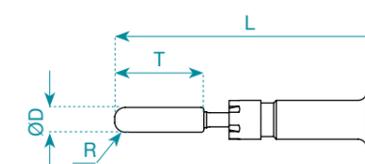
	D	T	L	R	W	code
M16 LEFT TOOL HOLDER						S00813
FIXING SCREW - LEFT THREAD						S00917
DIAMOND WHEEL	45	20	93	3	7	F07609
DIAMOND WHEEL	50	20	93	4	9	F03090


30-FIT TOOL HOLDER L=102

	D	T	L	R	W	code
M16 LEFT TOOL HOLDER						S00860
FIXING SCREW - LEFT THREAD						S00917
DIAMOND WHEEL	45	20	115	3	7	F07609
DIAMOND WHEEL	50	20	115	4	9	F03090

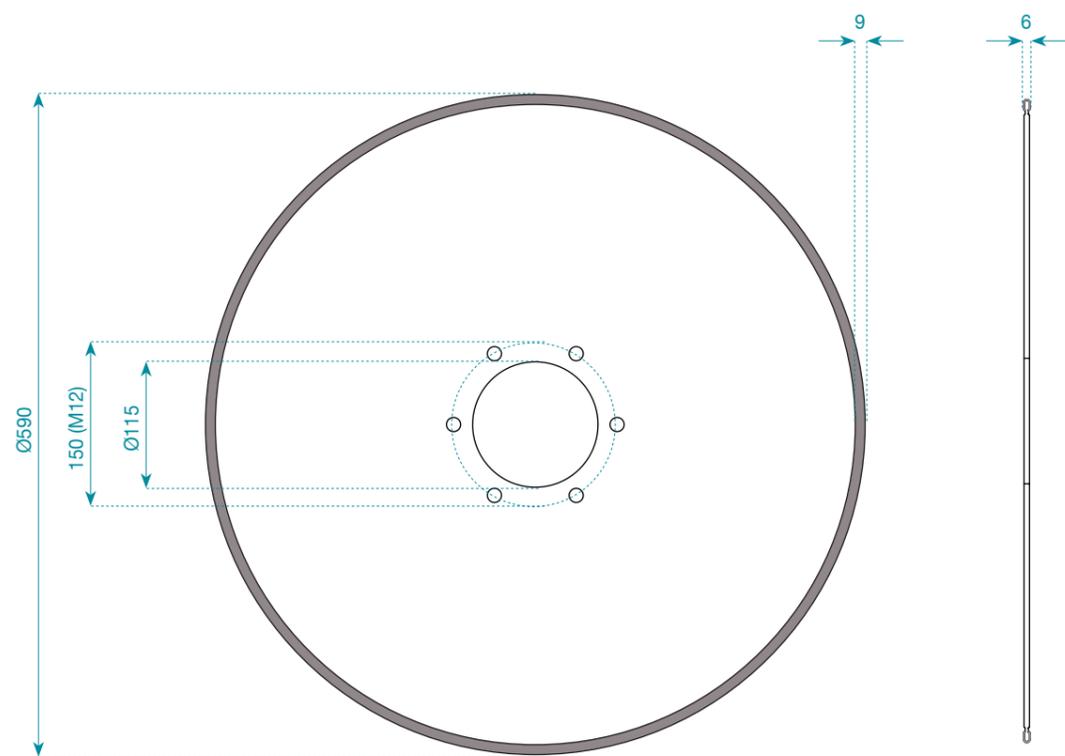

M16 LEFT COLLET TOOL HOLDER L=88

	D	T	L	R	code
M16 LEFT COLLET TOOL HOLDER					S00777
CYLINDER DIAMOND BURR	10	50	154	2	F02838
CYLINDER DIAMOND BURR	14	50	153	6	F06631

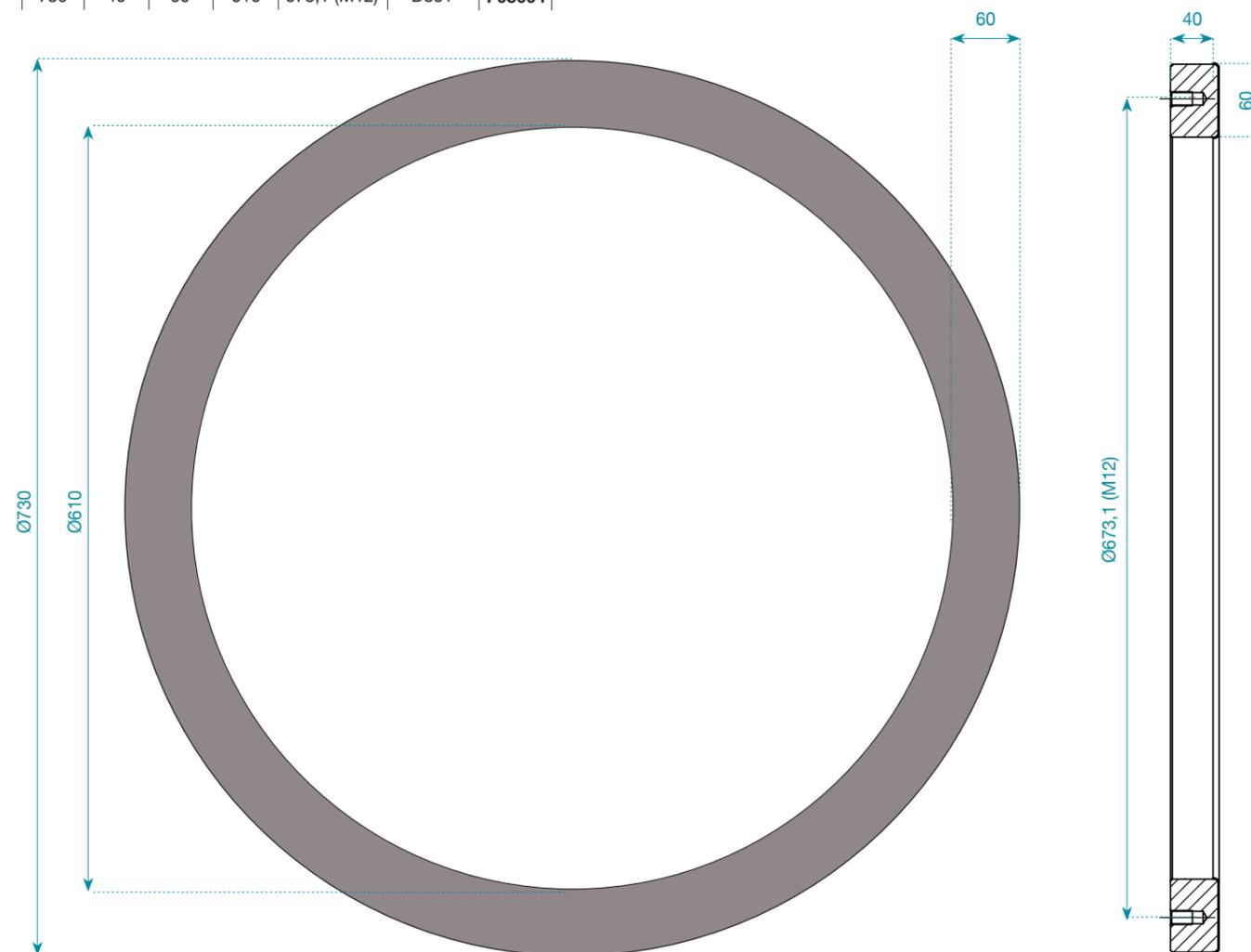


MUZZI SOLUTIONS FOR REICHMANN MACHINES
DISC FOR MANUAL OR FULLY AUTOMATED CUT-OFF MACHINES
DISC

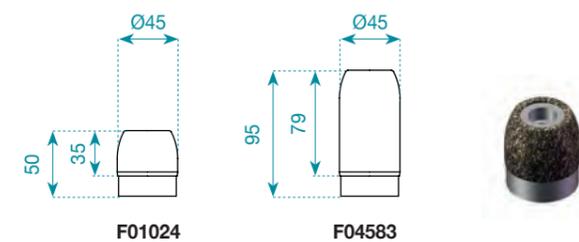
D	T	W	H	I	grit	code
590	6	9	115	150 (M12)	D851	F07054


WHEELS FOR BRAKE DISCS AND ROUND PARTS
FACE DIAMOND WHEEL (for external grinding)

D	T	W	H	I	grit	code
730	40	60	610	673,1 (M12)	D851	F05004


SHAPE DIAMOND WHEELS (for internal grinding)

D	T	L	grit	code
45	35	50	D851	F01024
45	79	95	D851	F04583





MUZZI SPECIAL ABRASIVE TOOLS

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COMPANY WITH
QUALITY SYSTEM
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