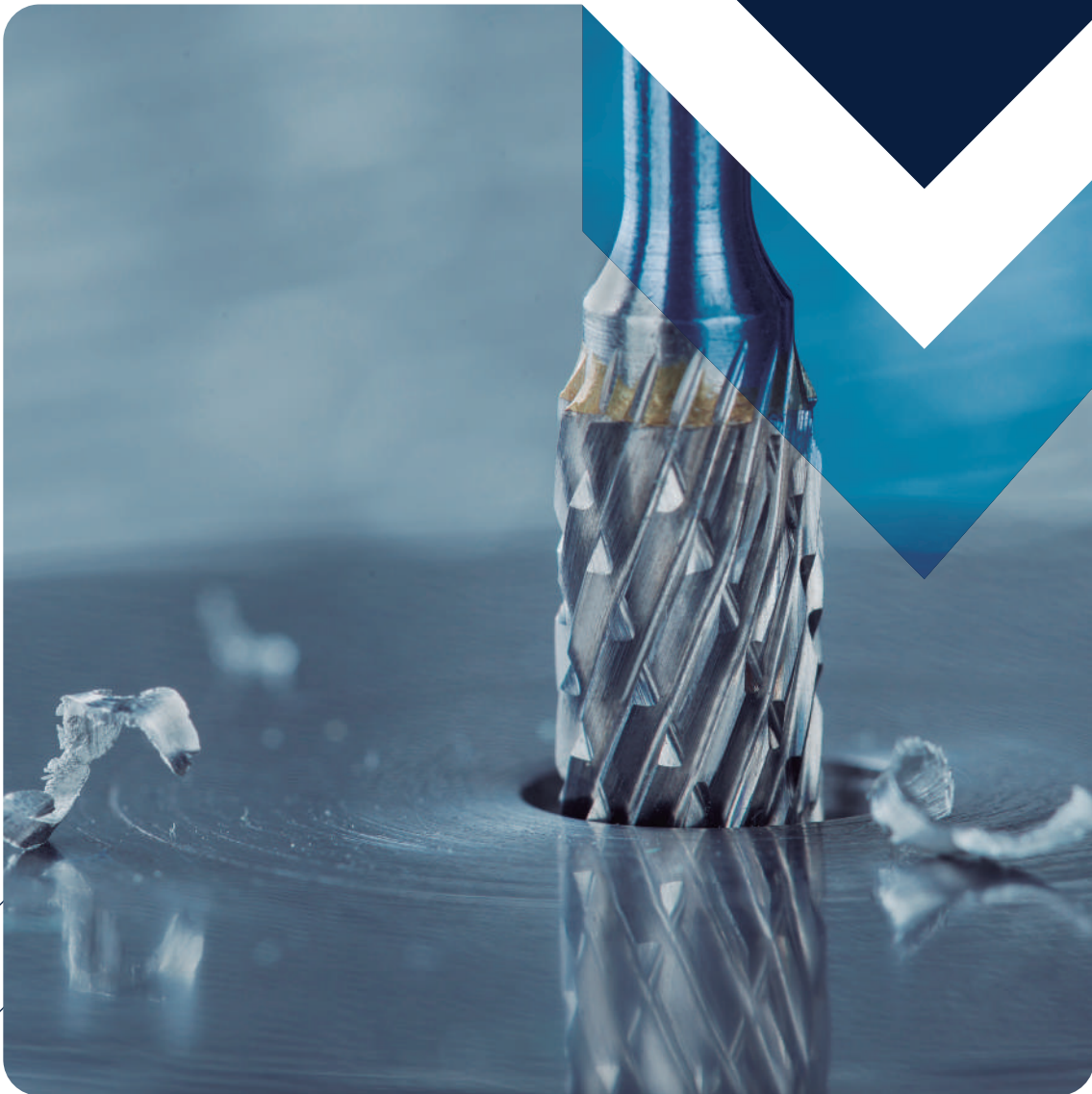
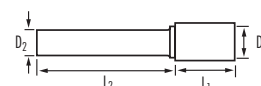


**BLUE-MASTER<sup>®</sup>**  
by *celesa*



ROTARY  
BURRS


**HSS ROTARY BURRS**

Rotary burrs

Pink



				TGO / 3		TG2 / 6	
D1 mm	L1 mm	D2 mm	L2 mm		€		€
<b>6 mm. SHANK</b>							
6	20	6	40	Y501TGO	<b>17,59</b>	Y501TG2	<b>17,59</b>
8	30	6	40	Y508TGO	<b>24,31</b>	Y508TG2	<b>24,31</b>
10	15	6	40			Y503TG2	<b>24,32</b>
10	30	6	40	Y510TGO	<b>24,93</b>	Y510TG2	<b>24,93</b>
12	30	6	40	Y505TGO	<b>24,93</b>	Y505TG2	<b>24,93</b>
15	30	6	40	Y504TGO	<b>28,63</b>	Y504TG2	<b>28,63</b>
<b>LONG SERIES</b>							
6	20	6	100			Y501LTG2	<b>22,87</b>
8	30	6	100			Y508LTG2	<b>31,65</b>
10	15	6	100			Y503LTG2	<b>31,65</b>
10	30	6	100			Y510LTG2	<b>32,59</b>
12	30	6	100			Y505LTG2	<b>32,59</b>
15	30	6	100			Y504LTG2	<b>37,56</b>



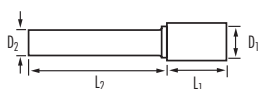
				TGO / 3		TG2 / 6	
D1 mm	L1 mm	D2 mm	L2 mm		€		€
<b>6 mm. SHANK</b>							
6	20	6	40	Y502TGO	<b>17,59</b>	Y502TG2	<b>17,59</b>
8	20	6	40			Y507TG2	<b>24,31</b>
10	20	6	40	Y509TGO	<b>24,31</b>	Y509TG2	<b>24,31</b>
10	30	6	40	Y511TGO	<b>24,93</b>	Y511TG2	<b>24,93</b>
12	30	6	40	Y506TGO	<b>24,93</b>	Y506TG2	<b>24,93</b>
15	30	6	40			Y514TG2	<b>28,63</b>
<b>LONG SERIES</b>							
6	20	6	100			Y502LTG2	<b>22,87</b>
8	20	6	100			Y507LTG2	<b>31,65</b>
10	20	6	100			Y509LTG2	<b>31,65</b>
10	30	6	100			Y511LTG2	<b>32,62</b>
12	30	6	100			Y506LTG2	<b>32,62</b>
15	30	6	100			Y514LTG2	<b>37,56</b>



				TGO / 3		TG2 / 6	
D1 mm	L1 mm	D2 mm	L2 mm		€		€
<b>6 mm. SHANK</b>							
4,5	4,5	6	40			Y551TG2	<b>17,59</b>
6,0	6,0	6	40			Y556TG2	<b>17,59</b>
8,0	8,0	6	40	Y552TGO	<b>24,31</b>	Y552TG2	<b>24,31</b>
10,0	10,0	6	40			Y554TG2	<b>24,31</b>
12,0	12,0	6	40			Y553TG2	<b>24,31</b>
15,0	15,0	6	40	Y557TGO	<b>28,63</b>	Y557TG2	<b>28,63</b>
<b>LONG SERIES</b>							
4,5	4,5	6	100			Y551LTG2	<b>22,87</b>
6,0	6,0	6	100			Y556LTG2	<b>22,87</b>
8,0	8,0	6	100			Y552LTG2	<b>31,65</b>
10,0	10,0	6	100			Y554LTG2	<b>31,65</b>
12,0	12,0	6	100			Y553LTG2	<b>31,65</b>
15,0	15,0	6	100			Y557LTG2	<b>37,56</b>



				TGO / 3		TG2 / 6	
D1 mm	L1 mm	D2 mm	L2 mm		€		€
<b>6 mm. SHANK</b>							
6	20	6	40			Y521TG2	<b>17,59</b>
10	30	6	40			Y524TG2	<b>24,93</b>
12	20	6	40	Y525TGO	<b>24,32</b>	Y525TG2	<b>24,32</b>
12	30	6	40			Y526TG2	<b>24,93</b>
15	30	6	40			Y527TG2	<b>28,63</b>
12	30	6	40			Y515TG2	<b>24,93</b>
<b>LONG SERIES</b>							
6	20	6	100			Y521LTG2	<b>22,87</b>
10	30	6	100			Y524LTG2	<b>32,62</b>
12	20	6	100			Y525LTG2	<b>31,65</b>
12	30	6	100			Y526LTG2	<b>32,62</b>
15	30	6	100			Y527LTG2	<b>37,56</b>
12	30	6	100			Y515LTG2	<b>32,59</b>



**HSS ROTARY BURRS**

**TYPE E** **HSS**



D1 mm	L1 mm	D2 mm	L2 mm	TG0 / 3		TG2 / 6	
					€		€
<b>6 mm. SHANK</b>							
12	20	6	40			Y545TG2	<b>24,32</b>
15	30	6	40			Y547TG2	<b>28,63</b>
<b>LONG SERIES</b>							
12	20	6	100			Y545LTG2	<b>31,65</b>
15	30	6	100			Y547LTG2	<b>37,56</b>

**TYPE L** **HSS**



D1 mm	L1 mm	D2 mm	L2 mm	TG0 / 3		TG2 / 6	
					€		€
<b>6 mm. SHANK</b>							
10	15	6	40			Y537TG0	<b>28,63</b>
15	35	6	40			Y537TG2	<b>28,63</b>
<b>LONG SERIES</b>							
10	15	6	100			Y537LTG0	<b>37,56</b>
15	35	6	100			Y537LTG2	<b>37,56</b>

**TYPE M** **HSS**

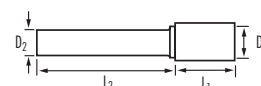


D1 mm	L1 mm	D2 mm	L2 mm	TG0 / 3		TG2 / 6	
					€		€
<b>6 mm. SHANK</b>							
6	20	6	40	Y532TG0	<b>17,59</b>	Y532TG2	<b>17,59</b>
10	20	6	40	Y534TG0	<b>24,32</b>	Y534TG2	<b>24,32</b>
12	30	6	40	Y536TG0	<b>24,93</b>	Y536TG2	<b>24,93</b>
12	12	6	40			Y512TG2	<b>24,32</b>
<b>LONG SERIES</b>							
6	20	6	100			Y532LTG2	<b>22,87</b>
10	20	6	100			Y534LTG2	<b>31,65</b>
12	30	6	100			Y536LTG2	<b>32,59</b>
12	12	6	100			Y512LTG2	<b>31,65</b>

**TYPE N** **HSS**



D1 mm	L1 mm	D2 mm	L2 mm	TG0 / 3		TG2 / 6	
					€		€
<b>6 mm. SHANK</b>							
12	15	6	40			Y513TG2	<b>24,32</b>
12	30	6	40	Y516TG0	<b>24,93</b>	Y516TG2	<b>24,93</b>
<b>LONG SERIES</b>							
12	15	6	100			Y513LTG2	<b>31,65</b>
12	30	6	100			Y516LTG2	<b>32,59</b>



**Ø 3 & 6 SHANK HSS ENGRAVING ROTARY BURRS**

Rotary burrs

Pink



TGO / 3						
TYPE	D1 mm	L1 mm	D2 mm	L2 mm		€

3 mm. SHANK

A/E	7	9	3	30	Y055	18,55
D	7	7	3	30	Y062	18,55
E	7	9	3	30	Y059	18,55
N	7	9	3	30	Y056	18,55
L	7	9	3	30	Y057	18,55
M	7	9	3	30	Y058	18,55

TGO / 3						
TYPE	D1 mm	L1 mm	D2 mm	L2 mm		€

6 mm. SHANK

A/E	6	8	6	40	Y255	18,55
D	6	6	6	40	Y272	18,55
E	6	8	6	40	Y259	18,55
N	6	8	6	40	Y256	18,55
M	6	8	6	40	Y258	18,55
J	6	3	6	40	Y264	18,55
SHAPE	6	2	6	40	Y265	18,55

**HSS ROTARY BURRS DISPLAYS**



REFERENCE	E70SRTG2				
QUANTITY / QUALITY	70		HSS		
CONTENT	Y504 (x5)	Y537 (x5)	Y526 (x5)	Y505 (x5)	Y506 (x5)
Quantity	Y510 (x5)	Y536 (x5)	Y553 (x5)	Y525 (x5)	Y534 (x5)
	Y552 (x5)	Y502 (x5)	Y532 (x5)	Y501 (x5)	
PRICE €	1.659,70				

REFERENCE	E33SRTG2				
QUANTITY / QUALITY	33		HSS		
CONTENT	Y502	Y501	Y541	Y532	Y521
Quantity	Y543	Y561	Y551	Y556	Y507
	Y512	Y533	Y534	Y552	Y554
	Y553	Y557	Y509	Y513	Y525
	Y545	Y524	Y515	Y536	Y526
	Y537	Y547	Y527	Y504	Y566
	Y516	Y505	Y506		
PRICE €	775,10				

**CARBIDE ROTARY BURRS**



**Standard Cut Types**

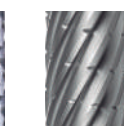
**Special Cut Types**

- Recommended
- Highly Recommended

General Purpose



Improved Finishing



Material	6	2	3
Aluminium, Plastic			●
Brass, Copper, Cast Iron, Bronze	●	●	
Steels	●	●	
Stainless Steel, Titanium	○	○	

	NG3	4	6 TiAlN	NG6	9	3 INOX
	●					
		○	●	●	○	
		○	●	●	○	
		○	○	○	○	●



**NEW LATEST GENERATION CUT TYPES**

Improve your manufacturing processes, reduce operating times and increase the lifetime of your tools.

**NG 6:** Suitable for improving performance and finishing in General Uses, Steels, Cast Iron, Brass, Copper, Bronze and Stainless Steel.



- Increased performance and greater chip evacuation capacity.
- Reduction of working times.
- Innovative geometry with small chip breakers, allows the evacuation of larger volumes of chips in less time.
- Cost reduction: Greater performance, greater chip evacuation in less time.

**NG 3:** Optimal for machining Aluminium, Titanium, Non-Ferrous Metals, Plastics and Fiberglass Reinforced Plastics.



- 5 cuts, better cutting operation and greater chip evacuation.
- Innovative geometry with double relief allows to evacuate larger chip volumes in less time.
- Designed to machine aluminium and reduce machining stresses, improving the finishing of the workpiece.
- Cost reduction: Greater performance, greater chip evacuation in less time.

**3 INOX:** Specific for working with all types of Stainless Steel, specially those with a high percentage of Nickel, as they generate a high difficulty in machining.



- Increases chip evacuation, preventing the INOX from sticking.
- Reduces operating time, as the cutting edge remains clean, without adhering chips.
- Greater performance, due to reduced friction and heating.
- Better surface finishing of the workpiece.

**RECOMMENDED OPERATING SPEEDS**

The speeds in the table below are quoted x 1.000 rpm

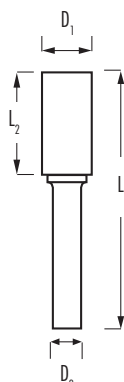
Ø mm      "		Aluminium, Plastic		Brass, Copper, Cast Iron, Bronze		Steels		Stainless Steel, Titanium	
		Speed Range	Recomm. Start Point	Speed Range	Recomm. Start Point	Speed Range	Recomm. Start Point	Speed Range	Recomm. Start Point
3	1/8"	60-80	65	45-80	65	60-80	80	60-80	80
6	1/4"	15-60	40	22-60	45	45-60	50	30-45	40
10	3/8"	10-50	25	15-40	30	30-40	30	19-30	25
12	1/2"	7-30	20	11-30	25	22-30	25	15-22	20
16	5/8"	6-20	15	9-20	20	18-20	20	12-18	15
20	3/4"	5-17	10	8-17	12	15-17	15	10-15	10
25	1"	4-13	8	6-13	10	10-13	10	7-11	8

Recommended speeds are based on standard shank length of 45 mm. and maximum overhang of 10 mm.  
Maximum recommended operating speeds for extended length shanks is 15.000 rpm.

**CYLINDER WITHOUT END CUT**

Rotary burs

Pink

**TYPE  
A**
**CARBIDE**


3

6

NG6

3 INOX

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE										
						2	3	4	6	6+TiAlN	NG6	9	3 INOX			
3 mm. SHANK	ABM30106	1.5	6.0	3	38	Solid Carbide	<b>19,83</b>			<b>19,83</b>	<b>28,35</b>					
	ABM30211	2.0	11.0	3	38	Solid Carbide	<b>15,56</b>			<b>15,56</b>	<b>24,98</b>		√			
	ABM30314	3.0	14.0	3	38	Solid Carbide	<b>9,27</b>	<b>17,77</b>	√		<b>9,27</b>	<b>16,47</b>		√	<b>29,31</b>	
	ABM30512	5.0	12.7	3	38	Solid Carbide	<b>32,21</b>			<b>30,72</b>	<b>46,49</b>					
	ABM30605	6.3	4.7	3	37	Welded	<b>23,19</b>		√	<b>23,19</b>	<b>35,02</b>			√		
	ABM30612	6.3	12.7	3	45	Welded	<b>23,21</b>	<b>39,52</b>	√	<b>23,90</b>	<b>40,89</b>			√	<b>42,68</b>	
LONG SERIES	ABM30314-50	3.0	14.0	3	50	Solid Carbide	<b>30,70</b>	<b>42,98</b>	√	<b>30,70</b>	√		√			
	ABM30314-75	3.0	14.0	3	75	Solid Carbide	<b>37,98</b>	<b>53,13</b>	√	<b>38,33</b>	√		√			
	ABM30314-100	3.0	14.0	3	100	Solid Carbide	<b>44,10</b>	<b>61,75</b>	√	<b>44,10</b>	√		√			

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE										
						2	3	4	6	6+TiAlN	NG6	9	3 INOX			
6 mm. SHANK	ABM60312	3.0	14.0	6	50	Solid Carbide	<b>34,93</b>			<b>34,93</b>	<b>50,20</b>					
	ABM60413	4.0	14.0	6	50	Solid Carbide	<b>28,33</b>			<b>28,33</b>	<b>44,27</b>					
	ABM60516	5.0	16.0	6	50	Solid Carbide	<b>26,51</b>			<b>27,52</b>	<b>44,21</b>					
	ABM60618	6.0	18.0	6	50	Solid Carbide	<b>19,60</b>	<b>23,78</b>	√	<b>19,60</b>	<b>30,49</b>	<b>27,98</b>	√	<b>37,43</b>		
	ABM60625	6.0	25.0	6	50	Solid Carbide	<b>35,81</b>			<b>35,81</b>	<b>57,48</b>					
	ABM60820	8.0	20.0	6	64	Welded	<b>24,98</b>	<b>30,23</b>	√	<b>24,98</b>	<b>37,89</b>	<b>35,60</b>	√	<b>42,02</b>		
	ABM61014	9.6	13.5	6	59	Welded	<b>37,17</b>			<b>37,17</b>	<b>50,28</b>					
	ABM61020	10.0	20.0	6	64	Welded	<b>26,87</b>	<b>32,69</b>	√	<b>26,87</b>	<b>41,86</b>	<b>40,25</b>	√	<b>42,65</b>		
	ABM61025	10.0	25.0	6	70	Welded	<b>41,12</b>			<b>41,51</b>	<b>58,98</b>					
	ABM61125	11.0	25.0	6	70	Welded	<b>48,42</b>		√	<b>48,42</b>	<b>70,70</b>			√		
	ABM61220	12.0	20.0	6	64	Welded	<b>50,22</b>		√	<b>50,84</b>	<b>69,01</b>			√		
	ABM61225	12.0	25.0	6	69	Welded	<b>41,54</b>	<b>50,41</b>	√	<b>41,54</b>	<b>62,37</b>	<b>57,04</b>	√	<b>63,45</b>		
	ABM61525	16.0	25.0	6	69	Welded	<b>51,93</b>	<b>63,46</b>	√	<b>51,93</b>	<b>76,26</b>	<b>71,78</b>	√			
	ABM62025	19.0	25.0	6	69	Welded	<b>89,19</b>	<b>111,03</b>	√	<b>89,19</b>	<b>115,22</b>			√		
ABM62525	25.0	25.0	6	70	Welded	<b>161,13</b>	<b>202,83</b>	√	<b>161,13</b>	<b>201,68</b>			√			
LONG SERIES	ABM60618-100	6.0	18.0	6	100	Solid Carbide	<b>74,76</b>	<b>104,66</b>		<b>74,76</b>	√		√			
	ABM60618-150	6.0	18.0	6	150	Solid Carbide	<b>96,30</b>	<b>134,80</b>		<b>96,30</b>	√		√			
	ABM60820-170	8.0	19.0	6	172	Welded	<b>42,28</b>	<b>62,16</b>		<b>42,28</b>	√		√			
	ABM61020-170	9.6	19.0	6	172	Welded	<b>48,34</b>	<b>66,91</b>		<b>46,54</b>	√		√			
	ABM61225-175	12.7	25.0	6	178	Welded	<b>75,45</b>	<b>104,66</b>		<b>75,45</b>	√		√			

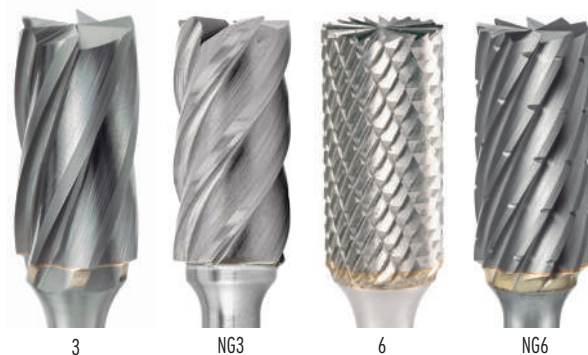
Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE										
						2	3	4	6	6+TiAlN	NG6	9	3 INOX			
8 mm. SHANK	ABM81225	12.7	25.0	8	70	Welded	<b>41,15</b>	<b>49,94</b>		<b>41,15</b>	<b>62,37</b>					
	ABM81525	16.0	25.0	8	70	Welded	<b>51,44</b>	<b>62,87</b>	√	<b>51,44</b>	<b>76,26</b>		√			
	ABM82025	19.0	25.0	8	70	Welded	<b>88,35</b>	<b>109,99</b>	√	<b>88,35</b>	<b>115,22</b>		√			
	ABM82525	25.0	25.0	8	70	Welded	<b>161,13</b>	<b>202,83</b>	√	<b>161,13</b>	<b>201,68</b>		√			

CYLINDER WITH END CUT

TYPE  
A/E

CARBIDE



		Cuts - PRICE												
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAlN	NG6	9
3 mm. SHANK	ABM30106E	1.5	6.0	3	38	Solid Carbide	20,02				20,02	28,61		
	ABM30211E	2.0	11.0	3	38	Solid Carbide	15,71			√	15,71	25,21		√
	ABM30314E	3.0	14.0	3	38	Solid Carbide	9,43	18,21			9,43	18,72		
	ABM30512E	5.0	12.7	3	38	Solid Carbide	32,58				32,58	48,74		
	ABM30605E	6.3	4.7	3	37	Welded	23,42			√	23,42	35,34		√
	ABM30612E	6.3	12.7	3	45	Welded	25,58	39,86		√	25,58	41,23		√
LONG SERIES	ABM30314-50E	3.0	14.0	3	50	Solid Carbide	33,79			√	33,79	√		√
	ABM30314-75E	3.0	14.0	3	75	Solid Carbide	41,76			√	41,76	√		√
	ABM30314-100E	3.0	14.0	3	100	Solid Carbide	48,50			√	48,50	√		√

		Cuts - PRICE												
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAlN	NG6	9
6 mm. SHANK	ABM60312E	3.0	12.0	6	50	Solid Carbide	35,27				35,27	50,67		
	ABM60413E	4.0	14.0	6	50	Solid Carbide								
	ABM60516E	5.0	16.0	6	50	Solid Carbide	28,07				28,89	44,63		
	ABM60618E	6.0	18.0	6	50	Solid Carbide	20,59	25,80	44,03	√	20,59	36,94	28,80	√
	ABM60625E	6.0	25.0	6	50	Solid Carbide	37,33				37,33	58,01		
	ABM60820E	8.0	20.0	6	64	Welded	25,39	32,84		√	25,39	43,08	38,04	√
	ABM61014E	9.6	13.5	6	59	Welded	37,58				37,58	50,76		
	ABM61020E	10.0	20.0	6	64	Welded	27,87	39,36	52,16	√	27,87	49,99	42,99	√
	ABM61025E	9.6	25.0	6	70	Welded	44,45				44,45	59,54		
	ABM61125E	11.0	25.0	6	70	Welded	48,88			√	48,88	71,37		√
	ABM61220E	12.7	19.0	6	64	Welded	50,91			√	51,18	71,89		√
	ABM61225E	12.0	25.0	6	69	Welded	42,17	64,69	75,43	√	42,17	68,29	60,36	√
	ABM61525E	16.0	25.0	6	69	Welded	58,19	69,21		√	61,86	95,69	73,10	√
	ABM62025E	19.0	25.0	6	69	Welded	89,32	122,40		√	89,32	145,57		√
ABM62525E	25.0	25.0	6	70	Welded	180,19	235,27		√	180,19	203,75		√	
LONG SERIES	ABM60618-100E	6.0	18.0	6	100	Solid Carbide	82,24				82,24	√		√
	ABM60618-150E	6.0	18.0	6	150	Solid Carbide	105,90				105,90	√		√
	ABM60820-170E	8.0	19.2	6	170	Welded	46,52				46,52	√		√
	ABM61020-170E	9.6	19.2	6	170	Welded	53,17				53,17	√		√
	ABM61225-175E	12.7	25.4	6	175	Welded	82,99				82,99	√		√

		Cuts - PRICE												
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAlN	NG6	9
8 mm. SHANK	ABM81225E	12.7	25.0	8	70	Welded	42,17	55,38		√	42,17	77,73		√
	ABM81525E	16.0	25.0	8	70	Welded	58,19	69,21		√	57,81	95,69		√
	ABM82025E	19.0	25.0	8	70	Welded	93,91	122,40		√	89,32	145,57		√
	ABM82525E	25.0	25.0	8	70	Welded	180,19	235,27		√	180,19	203,75		√

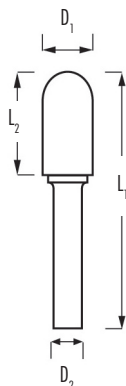
**BALL NOSED CYLINDER**

Rotary burs

Pink

**TYPE**  
**C**

**CARBIDE**



	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE									
						2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX	
3 mm. SHANK	CBM30211	2.0	11.0	3	38	Solid Carbide	15,15			√	15,15	23,34		√	
	CBM30212	2.5	11.0	3	38	Solid Carbide	15,15			√	15,15	23,34			
	CBM30312	3.0	14.0	3	38	Solid Carbide	8,80	22,33		√	8,80	13,83		√	26,80
	CBM30512	5.0	12.7	3	38	Solid Carbide	33,50				33,50	52,69			
	CBM30612	6.3	12.7	3	45	Welded	25,58	37,79		√	25,58	40,89		√	40,80
LONG SERIES	CBM30312-50	3.0	14.0	3	50	Solid Carbide	34,42	48,21		√	34,42	√		√	
	CBM30312-75	3.0	14.0	3	75	Solid Carbide	42,49	59,50		√	42,49	√		√	
	CBM30312-100	3.0	14.0	3	100	Solid Carbide	48,42	67,78		√	48,42	√		√	

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE									
						2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX	
6 mm. SHANK	CBM60312	3.0	14.0	6	50	Solid Carbide	34,95				34,95	49,22			
	CBM60413	4.0	14.0	6	50	Solid Carbide	31,47				31,47	45,64			
	CBM60516	5.0	16.0	6	50	Solid Carbide	29,58				29,58	49,47			
	CBM60618	6.0	18.0	6	50	Solid Carbide	21,47	27,31	43,47	√	21,47	32,32	34,13	√	43,60
	CBM60625	6.0	25.0	6	50	Solid Carbide	41,86				41,86	58,00			
	CBM60820	8.0	20.0	6	64	Welded	22,94	36,77		√	22,94	33,20	38,07	27,07	45,75
	CBM61020	10.0	20.0	6	64	Welded	25,86	36,20	48,27	√	25,86	39,06	44,32	√	48,42
	CBM61025	9.6	25.0	6	70	Welded	44,67				44,67	64,13			
	CBM61125	11.0	25.0	6	70	Welded	53,18			√	53,18	75,46		√	
	CBM61210	12.0	10.0	6	54	Welded	57,62				57,62	76,48			
	CBM61220	12.7	19.0	6	64	Welded	59,16			√	56,94	82,16		√	
	CBM61225	12.0	25.0	6	69	Welded	37,77	56,22	75,92	√	37,77	55,26	63,34	√	76,14
	CBM61525	16.0	25.0	6	69	Welded	57,29	71,64		√	57,29	80,63	81,18	√	
	CBM62025	19.0	25.0	6	69	Welded	83,08	102,87		√	83,08	105,48		√	
	CBM62525	25.0	25.0	6	70	Welded	154,43	205,35			154,43	233,69			
LONG SERIES	CBM60618-100	6.0	18.0	6	100	Solid Carbide	85,52	119,72			85,52	√		√	
	CBM60618-150	6.0	18.0	6	150	Solid Carbide	110,26	154,37			108,60	√		√	
	CBM60820-170	8.0	19.2	6	175	Welded	46,23	67,78			46,23	√		√	
	CBM61020-170	9.6	19.2	6	170	Welded	54,85	74,56			53,83	√		√	
	CBM61225-175	12.7	25.4	6	175	Welded	87,11	117,16			83,03	√		√	

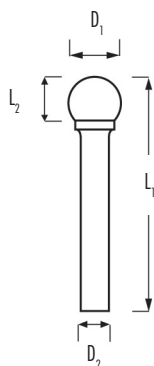
	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE									
						2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX	
8 mm. SHANK	CBM81225	12.7	25.0	8	70	Welded	37,42	55,69		√	37,42	55,26		√	
	CBM81525	16.0	25.0	8	70	Welded	56,75	70,98		√	56,75	80,63		√	
	CBM82025	19.0	25.0	8	70	Welded	82,30	101,90		√	82,30	105,48		√	
	CBM82525	25.0	25.0	8	70	Welded	154,43	205,35			154,43	233,69			



**BALL**

**TYPE  
D**

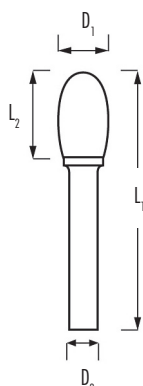
**CARBIDE**



		Cuts - PRICE													
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAIN	NG6	9	3 INOX
3 mm. SHANK	DBM30202	2.0	1.8	3	38	Solid Carbide	<b>17,38</b>			√	<b>17,38</b>	<b>25,59</b>		√	
	DBM30302	2.5	2.3	3	38	Solid Carbide	<b>16,29</b>				<b>16,29</b>	<b>23,76</b>			
	DBM30303	3.0	2.5	3	38	Solid Carbide	<b>8,43</b>	<b>23,49</b>		√	<b>8,43</b>	<b>14,71</b>		√	<b>25,35</b>
	DBM30404	4.0	3.4	3	45	Solid Carbide	<b>23,23</b>	<b>17,78</b>		√	<b>23,23</b>	<b>30,29</b>		√	
	DBM30505	5.0	4.7	3	38	Solid Carbide	<b>38,16</b>				<b>38,16</b>	<b>57,11</b>			
	DBM30606	6.0	5.0	3	50	Welded	<b>19,91</b>	<b>15,13</b>		√	<b>19,91</b>	<b>33,06</b>		√	<b>37,12</b>
LONG SERIES	DBM30303-50	3.0	2.7	3	50	Solid Carbide	<b>32,10</b>	<b>44,94</b>		√	<b>32,10</b>	√		√	
	DBM30303-75	3.0	2.7	3	75	Solid Carbide	<b>39,44</b>	<b>55,20</b>		√	<b>39,44</b>	√		√	

		Cuts - PRICE													
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAIN	NG6	9	3 INOX
6 mm. SHANK	DBM60303	3.0	2.5	6	50	Solid Carbide	<b>38,35</b>				<b>37,44</b>				
	DBM60404	4.0	3.0	6	50	Solid Carbide	<b>33,50</b>				<b>33,50</b>				
	DBM60505	5.0	4.0	6	50	Solid Carbide	<b>29,14</b>				<b>29,14</b>				
	DBM60606	6.0	5.0	6	50	Solid Carbide	<b>19,10</b>	<b>26,58</b>	<b>39,93</b>	√	<b>19,10</b>	<b>29,05</b>	<b>28,83</b>	√	<b>40,05</b>
	DBM60808	8.0	6.4	6	50	Welded	<b>19,47</b>	<b>28,29</b>		√	<b>19,47</b>	<b>29,74</b>	<b>31,30</b>	√	<b>36,92</b>
	DBM61010	10.0	9.0	6	53	Welded	<b>20,99</b>	<b>31,10</b>	<b>39,95</b>	√	<b>20,99</b>	<b>34,14</b>	<b>34,03</b>	√	<b>40,07</b>
	DBM61111	11.0	9.5	6	55	Welded	<b>41,24</b>			√	<b>41,24</b>	<b>63,53</b>		√	
	DBM61212	12.0	11.0	6	55	Welded	<b>31,84</b>	<b>40,96</b>	<b>55,47</b>	√	<b>31,84</b>	<b>51,49</b>	<b>47,14</b>	√	<b>55,63</b>
	DBM61515	16.0	14.0	6	58	Welded	<b>46,23</b>	<b>52,88</b>		√	<b>46,23</b>	<b>70,48</b>	<b>58,42</b>	√	
	DBM62020	19.0	16.0	6	60	Welded	<b>61,80</b>	<b>75,05</b>		√	<b>62,39</b>	<b>89,61</b>		√	
DBM62525	25.0	22.0	6	67	Welded	<b>135,86</b>	<b>174,96</b>		√	<b>135,86</b>	<b>176,42</b>		√		
LONG SERIES	DBM60808-180	8.0	7.0	6	180	Welded	<b>37,28</b>	<b>54,65</b>			<b>37,28</b>	√		√	
	DBM61010-185	9.6	8.5	6	185	Welded	<b>44,27</b>	<b>61,10</b>			<b>44,27</b>	√		√	
	DBM61212-162	12.7	11.4	6	162	Welded	<b>64,30</b>	<b>84,84</b>			<b>61,90</b>	√		√	

		Cuts - PRICE													
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAIN	NG6	9	3 INOX
8 mm. SHANK	DBM81212	12.7	11.0	8	56	Welded	<b>31,54</b>	<b>40,58</b>		√	<b>31,54</b>	<b>50,07</b>		√	
	DBM81515	16.0	14.0	8	59	Welded	<b>45,80</b>	<b>52,38</b>		√	<b>45,80</b>	<b>70,48</b>		√	
	DBM82020	19.0	16.5	8	62	Welded	<b>61,80</b>	<b>75,05</b>		√	<b>61,80</b>	<b>89,61</b>		√	
	DBM82525	25.0	22.0	8	67	Welded	<b>135,86</b>	<b>174,96</b>		√	<b>135,86</b>	<b>176,42</b>		√	

**OVAL**
**TYPE  
E**
**CARBIDE**


3



6



NG6



3 INOX

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE								
						2	3	4	6	6+TiAIN	NG6	9	3 INOX	
3 mm. SHANK	EBM30306	3.0	6.0	3	38	Solid Carbide	9,31	22,71	√	9,31	15,09		√	
	EBM30508	5.0	8.0	3	38	Solid Carbide	33,04			33,04	48,73			
	EBM30610	6.3	9.5	3	42	Welded	22,30	34,03	√	22,76	36,73		√	
LONG SERIES	EBM30306-50	3.0	6.0	3	50	Solid Carbide	39,92			39,92				
	EBM30306-75	3.0	6.0	3	75	Solid Carbide	45,79			45,79				

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE								
						2	3	4	6	6+TiAIN	NG6	9	3 INOX	
6 mm. SHANK	EBM60610	6.0	10.0	6	50	Solid Carbide	20,86	30,91	√	20,86	31,98	33,00	√	
	EBM60815	8.0	13.0	6	58	Welded	23,79	34,46	√	23,79	35,74	36,76	√	48,50
	EBM61015	10.0	16.0	6	60	Welded	30,04	39,26	√	30,04	43,44	41,77	√	46,15
	EBM61220	12.0	22.0	6	67	Welded	37,44	48,92	√	37,44	55,14	59,49	√	73,72
	EBM61525	16.0	25.0	6	70	Welded	59,47	70,79	√	59,47	84,29	82,65	√	
	EBM62025	19.0	25.0	6	70	Welded	83,19	102,85	√	83,19	110,73		√	
LONG SERIES	EBM61015-165	9.6	16.0	6	165	Welded	63,39			63,39				
	EBM61220-170	12.7	22.0	6	170	Welded	82,50			82,50				

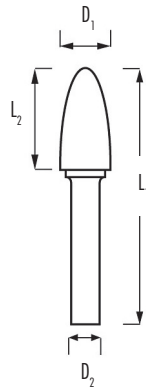
Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE								
						2	3	4	6	6+TiAIN	NG6	9	3 INOX	
8 mm. SHANK	EBM81220	12.7	22.0	8	67	Welded	37,10	48,46	√	37,10	55,14		√	
	EBM81525	16.0	25.0	8	70	Welded	58,92	70,13	√	58,92	84,29		√	
	EBM82025	19.0	25.0	8	70	Welded	82,41	101,88	√	82,41	110,73		√	

**BALL NOSED TREE**

**TYPE  
F**

**CARBIDE**



3

NG3

6

NG6

3 INOX

Cuts - PRICE

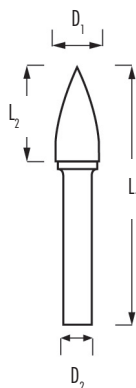
	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE										
						2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX		
3 mm. SHANK	FBM30306	3.0	6.0	3	38	Solid Carbide	<b>28,16</b>				<b>28,16</b>	<b>38,35</b>				
	FBM30308	3.0	8.0	3	38	Solid Carbide	<b>18,93</b>			√	<b>18,93</b>	<b>27,13</b>		√		
	FBM30312	3.0	14.0	3	38	Solid Carbide	<b>10,28</b>	<b>26,50</b>		√	<b>10,28</b>	<b>15,02</b>		√	<b>28,62</b>	
	FBM30512	5.0	12.7	3	38	Solid Carbide	<b>34,24</b>				<b>34,24</b>	<b>48,29</b>				
	FBM30612	6.3	12.7	3	45	Welded	<b>25,34</b>	<b>36,14</b>		√	<b>25,34</b>	<b>40,89</b>		√	<b>39,03</b>	
LONG SERIES	FBM30312-50	3.0	14.0	3	50	Solid Carbide				√				√		
	FBM30312-75	3.0	14.0	3	75	Solid Carbide										

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE									
						2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX	
6 mm. SHANK	FBM60618	6.0	18.0	6	50	Solid Carbide	<b>22,16</b>	<b>30,21</b>	<b>45,38</b>	√	<b>22,16</b>	<b>33,51</b>	<b>31,54</b>	√	<b>45,53</b>
	FBM60820	8.0	20.0	6	64	Welded	<b>22,45</b>	<b>38,66</b>		√	<b>22,45</b>	<b>32,46</b>	<b>38,18</b>	√	<b>45,95</b>
	FBM61020	10.0	20.0	6	64	Welded	<b>26,43</b>	<b>38,25</b>	<b>48,56</b>	√	<b>26,43</b>	<b>38,62</b>	<b>47,10</b>	√	<b>48,73</b>
	FBM61125	11.0	25.0	6	70	Welded	<b>53,91</b>			√	<b>53,91</b>	<b>76,19</b>		√	
	FBM61220	12.7	19.0	6	64	Welded	<b>54,10</b>			√	<b>54,10</b>	<b>78,08</b>		√	
	FBM61225	12.0	25.0	6	69	Welded	<b>35,11</b>	<b>53,60</b>	<b>71,92</b>	√	<b>35,11</b>	<b>51,21</b>	<b>62,24</b>	√	<b>72,14</b>
	FBM61525	16.0	25.0	6	69	Welded	<b>61,22</b>	<b>77,54</b>		√	<b>61,22</b>	<b>85,98</b>	<b>81,93</b>	√	
	FBM61530	16.0	30.0	6	75	Welded	<b>83,44</b>				<b>87,54</b>	<b>120,66</b>			
	FBM62025	19.0	25.0	6	69	Welded	<b>42,70</b>	<b>110,23</b>		√	<b>43,11</b>	<b>69,41</b>		√	
	FBM62032	19.0	32.0	6	77	Welded	<b>65,93</b>	<b>82,60</b>		√	<b>65,93</b>	<b>101,57</b>		√	
	FBM62038	19.0	38.0	6	83	Welded	<b>172,49</b>	<b>205,02</b>		√	<b>172,49</b>	<b>213,07</b>		√	
	LONG SERIES	FBM60818-150	6.0	18.0	6	150	Solid Carbide					√			√
FBM61020-170		9.6	19.2	6	170	Welded					√			√	
FBM61225-175		12.7	25.4	6	175	Welded									

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE									
						2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX	
8 mm. SHANK	FBM81225	12.7	25.0	8	70	Welded	<b>34,79</b>	<b>53,10</b>		√	<b>34,79</b>	<b>50,26</b>		√	
	FBM81525	16.0	25.0	8	70	Welded	<b>60,65</b>	<b>76,82</b>		√	<b>60,65</b>	<b>85,98</b>		√	
	FBM82025	19.0	25.0	8	70	Welded	<b>88,13</b>	<b>110,23</b>		√	<b>97,92</b>	<b>131,54</b>		√	
	FBM82032	19.0	32.0	8	77	Welded	<b>115,55</b>	<b>139,89</b>		√	<b>115,55</b>	<b>150,01</b>		√	
	FBM82038	19.0	38.0	8	83	Welded	<b>172,49</b>	<b>205,02</b>		√	<b>172,49</b>	<b>213,07</b>		√	

**POINTED TREE**
**TYPE  
G**
**CARBIDE**


		Cuts - PRICE													
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX
3 mm. SHANK	GBM30306	3.0	6.0	3	38	Solid Carbide	17,38			√	17,38	25,59		√	
	GBM30310	3.0	10.0	3	38	Solid Carbide	17,79				17,79	26,46			
	GBM30312	3.0	14.0	3	38	Solid Carbide	10,27	23,63		√	10,27	15,31		√	
	GBM30512	5.0	12.7	3	38	Solid Carbide	32,45				34,15	48,73			
	GBM30612	6.3	12.7	3	45	Welded	25,81	35,66		√	25,81	40,89		√	
LONG SERIES	GBM30312-50	3.0	14.0	3	50	Solid Carbide	31,72	44,45		√	31,72	√		√	
	GBM30312-75	3.0	14.0	3	75	Solid Carbide	39,83	55,71		√	39,83	√		√	

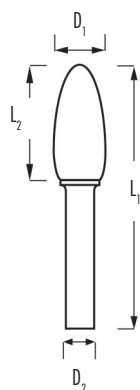
		Cuts - PRICE													
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX
6 mm. SHANK	GBM60618	6.0	18.0	6	50	Solid Carbide	21,07	29,96	50,72	√	21,07	31,87	31,57	√	50,87
	GBM60820	8.0	20.0	6	64	Welded	22,25	36,32		√	22,25	34,74	36,13	√	54,73
	GBM61020	10.0	20.0	6	64	Welded	25,01	38,17	65,69	√	25,01	39,52	42,61	√	65,88
	GBM61220	12.7	19.0	6	64	Welded	52,86			√	51,37	76,42		√	
	GBM61225	12.0	25.0	6	69	Welded	33,83	53,30	73,83	√	33,83	53,76	55,24	√	74,06
	GBM61230	12.7	30.0	6	75	Welded	87,53			√	87,53	116,55		√	
	GBM61525	16.0	25.0	6	69	Welded	62,24	77,16		√	62,24	92,45	83,30	√	
	GBM61530	16.0	30.0	6	75	Welded	98,51			√	103,70	148,95		√	
	GBM62025	19.2	25.0	6	69	Welded	103,79			√	115,31	148,95		√	
	GBM62038	19.0	38.0	6	83	Welded	134,02	97,71		√	134,02	166,04		√	
LONG SERIES	GBM61020-170	9.6	19.2	6	170	Welded	56,07	77,89			56,07	√		√	
	GBM61225-175	12.7	25.4	6	175	Welded	79,60	105,85			75,88	√		√	

		Cuts - PRICE													
		D1 mm	L2 mm	D2 mm	L1 mm	Type	2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX
8 mm. SHANK	GBM81225	12.7	25.0	8	70	Welded	33,52			√	33,52	53,76		√	
	GBM81230	12.7	30.0	8	75	Welded	87,53			√	87,53	116,55		√	
	GBM81525	16.0	25.0	8	70	Welded	61,66			√	61,66	92,45		√	
	GBM81630	16.0	30.0	8	75	Welded	98,51			√	103,70	148,95		√	
	GBM82025	19.0	25.0	8	70	Welded	103,79			√	115,31	155,33		√	
	GBM82038	19.0	38.0	8	83	Welded	132,77			√	132,77	166,04		√	

**FLAME**

**TYPE  
H**

**CARBIDE**



3



6



NG6



3 INOX

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE								
						2	3	4	6	6+TiAlN	NG6	9	3 INOX	
3 mm. SHANK	HBM30306	3.0	6.0	3	38	Solid Carbide	16,05		√	17,84	25,89		√	
	HBM30510	5.0	9.5	3	38	Solid Carbide	35,50			35,50	47,46			
	HBM30612	6.0	10.0	3	43	Welded	26,25			26,25	35,81			

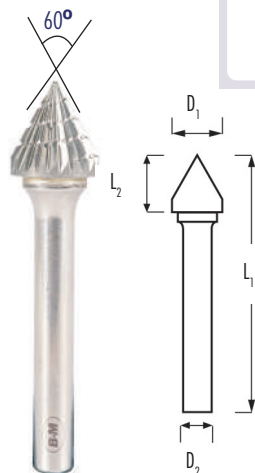
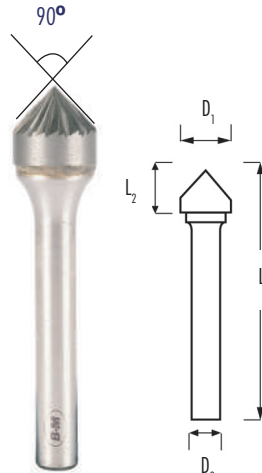
Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE								
						2	3	4	6	6+TiAlN	NG6	9	3 INOX	
6 mm. SHANK	HBM60614	6.0	14.0	6	50	Solid Carbide	28,20			31,34	45,68	35,19		
	HBM60820	8.0	20.0	6	64	Welded	30,18	36,91	√	30,18	46,40	38,96	√	54,85
	HBM61020	10.0	20.0	6	65	Welded	47,25	47,60		47,25	63,47	77,28		84,35
	HBM61232	12.0	32.0	6	77	Welded	57,04	73,85	√	57,04	81,83	78,75	√	111,29
	HBM61535	16.0	36.0	6	81	Welded	85,84	105,70	√	85,84	120,58	115,18	√	
	HBM62042	19.0	41.0	6	86	Welded	125,55	147,60	√	125,55	157,23		√	

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Type	Cuts - PRICE								
						2	3	4	6	6+TiAlN	NG6	9	3 INOX	
8 mm. SHANK	HBM81232	12.7	32.0	8	77	Welded	56,51		√	56,51	81,83		√	
	HBM81535	16.0	36.0	8	81	Welded	85,03		√	85,03	120,58		√	
	HBM82042	19.0	41.0	8	86	Welded	124,38		√	124,38	157,23		√	

## 60° / 90° COUNTERSINK

**TYPE  
J**
**CARBIDE**

**TYPE  
K**
**CARBIDE**

**TiAIN**


Cuts - PRICE

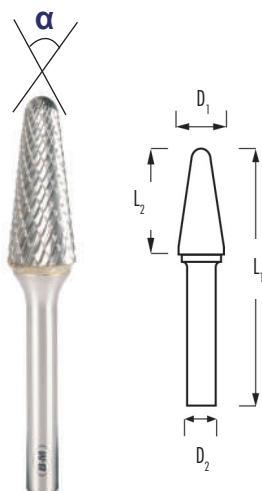
	TYPE J	D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	Cuts - PRICE					
								2	3	4	6	6+TiAIN	9
3 mm. SHANK	JBM30303	3.0	2.5	3	38	60°	Solid Carbide	14,58			14,58	23,17	√
6 mm. SHANK	JBM60606	6.0	4.0	6	50	60°	Solid Carbide	25,45			25,45	39,44	√
	JBM61008	9.6	8.0	6	56	60°	Welded	29,94			29,94	47,18	√
	JBM61210	12.7	11.0	6	59	60°	Welded	36,38			36,38	57,58	√
	JBM61512	16.0	14.5	6	63	60°	Welded	54,74			54,74	80,87	√
	JBM62018	19.0	17.5	6	65	60°	Welded	69,58			69,58	99,83	√
	JBM62520	25.0	24.5	6	70	60°	Welded	121,26			121,26	148,27	√
8 mm. SHANK	JBM81210	12.7	11.0	8	59	60°	Welded	36,38			36,38	57,58	√
	JBM81512	16.0	14.5	8	63	60°	Welded	54,74			54,74	80,87	√
	JBM82018	19.0	17.5	8	65	60°	Welded	69,58			69,58	99,83	√
	JBM82520	25.0	24.5	8	70	60°	Welded	121,26			121,26	148,27	√

Cuts - PRICE

	TYPE K	D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	Cuts - PRICE					
								2	3	4	6	6+TiAIN	9
3 mm. SHANK	KBM30303	3.0	1.5	3	38	90°	Solid Carbide	9,35			9,35	15,47	√
6 mm. SHANK	KBM60603	6.0	3.0	6	50	90°	Solid Carbide	20,57	20,78		20,57	31,54	√
	KBM61004	10.0	5.0	6	55	90°	Welded	25,28	23,80		25,28	41,81	√
	KBM61206	12.0	6.0	6	55	90°	Welded	33,87	31,01		33,87	53,12	√
	KBM61508	16.0	8.0	6	57	90°	Welded	41,95	43,21		41,95	68,29	√
	KBM62012	19.0	9.5	6	59	90°	Welded	56,83	69,24		56,83	80,18	√
	KBM62512	25.0	12.7	6	61	90°	Welded	121,26			121,26	148,34	√
	KBM81206	12.7	6.3	8	55	90°	Welded	33,56			33,56	53,12	√
8 mm. SHANK	KBM81508	16.0	8.0	8	57	90°	Welded	41,56			41,56	68,29	√
	KBM82012	19.0	9.5	8	59	90°	Welded	56,29			56,29	80,18	√
	KBM82512	25.0	12.7	8	61	90°	Welded	121,26			121,26	148,34	√

BALL NOSED CONE

TYPE  
**L**  
CARBIDE



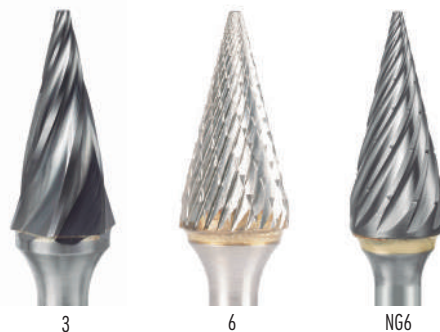
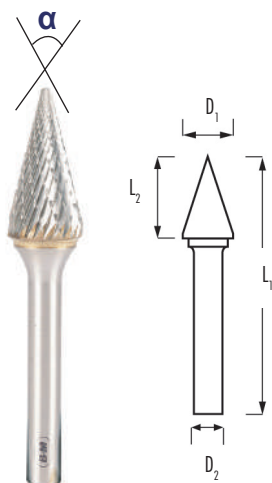
Rotary burrs

Pink

		Cuts - PRICE														
		D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX
3 mm. SHANK	LBM30310	3.0	10.0	3	38	10°	Solid Carbide	17,72			✓	17,72	25,59		✓	
	LBM30312	3.0	14.0	3	38	8°	Solid Carbide	10,19	23,80		✓	10,19	16,37		✓	
	LBM30512	5.0	12.7	3	38	14°	Solid Carbide	39,04				39,04	56,65			
	LBM30612	6.3	15.8	3	48	22°	Welded	28,50	42,47		✓	29,91	49,09		✓	

		Cuts - PRICE														
		D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX
6 mm. SHANK	LBM60618	6.0	18.0	6	50	14°	Solid Carbide	21,89	31,76	47,72	✓	21,89	31,65	33,52	✓	
	LBM60822	8.0	22.0	6	66	14°	Welded	22,82	40,99		✓	22,82	34,77	42,29		62,65
	LBM61020	10.0	20.0	6	65	14°	Welded	44,00	58,73			46,15	61,52	51,80		63,42
	LBM61026	10.0	30.0	6	72	14°	Welded	33,08	47,67	63,76	✓	33,08	49,82		✓	
	LBM61225	12.0	25.0	6	70	14°	Welded	56,26	69,73			58,44	79,51			
	LBM61228	12.0	32.0	6	72	14°	Welded	40,90	41,99	75,80	✓	40,90	59,54	61,48	✓	73,28
	LBM61533	16.0	33.0	6	74	14°	Welded	65,06	101,71		✓	65,06	93,19	113,06	✓	
LBM62038	19.0	38.0	6	82	14°	Welded	117,18	153,02		✓	117,18	144,49		✓		
LONG SERIES	LBM61026-176	9.6	30.2	6	176	14°	Welded	67,38	93,25			67,38	✓			
	LBM61228-182	12.7	32.0	6	182	14°	Welded	82,48	113,82			82,48	✓			

		Cuts - PRICE														
		D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	2	3	NG3	4	6	6+TiAlN	NG6	9	3 INOX
8 mm. SHANK	LBM81228	12.7	32.0	8	77	14°	Welded	40,51	67,85		✓	40,51	59,54		✓	
	LBM81533	16.0	33.0	8	78	14°	Welded	64,45	100,76		✓	64,45	93,19		✓	
	LBM82038	19.0	41.0	8	86	14°	Welded	116,09	151,59		✓	116,09	144,49		✓	

**CONE**
**TYPE**  
**M**
**CARBIDE**

**Cuts - PRICE**

	D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	Cuts - PRICE							
							2	3	4	6	6+TiAlN	NG6	9	
3 mm. SHANK	MBM30308	3.0	8.0	3	38	18°	Solid Carbide	17,38		√	17,38	25,59		√
	MBM30311	3.0	11.0	3	38	14°	Solid Carbide	15,84	24,55	√	17,00	25,57		√
	MBM30315	3.0	15.0	3	38	10°	Solid Carbide	15,91		√	15,91	22,14		√
	MBM30612	6.3	17.0	3	49	22°	Welded	23,24	41,16	√	23,91	39,47		√

**Cuts - PRICE**

	D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	Cuts - PRICE							
							2	3	4	6	6+TiAlN	NG6	9	
6 mm. SHANK	MBM60612	6.0	12,7	6	50	20°	Solid Carbide	29,33			29,33	35,86		
	MBM60620	6.0	20.0	6	50	14°	Solid Carbide	21,45	33,74	√	21,45	34,44	31,32	√
	MBM60625	6.0	25.0	6	50	10°	Solid Carbide	35,50			35,50	53,13		
	MBM60818	8.0	18.0	6	64	22°	Welded	25,49	29,81		25,49	38,70	45,08	
	MBM61020	10.0	20.0	6	64	28°	Welded	30,51	45,63	√	30,51	48,36	46,20	√
	MBM61222	12.0	25.0	6	69	28°	Welded	40,04	58,30	√	40,04	64,04	57,85	√
	MBM61525	16.0	25.0	6	71	31°	Welded	56,36	57,56	√	56,36	81,94	92,62	√

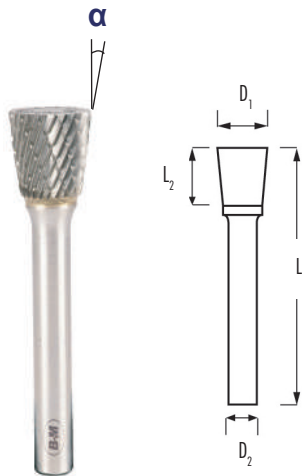
**Cuts - PRICE**

	D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	Cuts - PRICE							
							2	3	4	6	6+TiAlN	NG6	9	
8 mm. SHANK	MBM81222	12.7	22.0	8	71	28°	Welded	39,67		√	39,67	64,04		√
	MBM81525	16.0	25.0	8	71	31°	Welded	55,84		√	55,84	81,94		√



**INVERTED CONE**

**TYPE N**  
**CARBIDE**



Example:



**TiAlN**



3 mm. SHANK

	D1 mm	L2 mm	D2 mm	L1 mm	Angle	Type	Cuts - PRICE				
							2	4	6	6+TiAlN	9
NBM30304	3.0	4.0	3	38	10°	Solid Carbide	10,08		10,17	15,78	√
NBM30304E	3.0	4.0	3	38	10°	Solid Carbide	20,88		20,88	31,65	
NBM30606	6.3	6.0	3	39	12°	Welded	22,45		23,19	37,17	√
NBM30606E	6.3	6.4	3	39	12°	Welded	26,51		26,51	38,47	

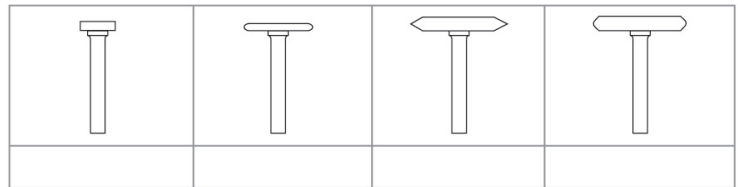
6 mm. SHANK

	D1 mm	L2 mm	D2 mm	L1 mm	Ángulo	Type	Cuts - PRICE				
							2	4	6	6+TiAlN	9
NBM60608	6.0	8.0	6	50	10°	Solid Carbide	21,62		21,82	32,31	√
NBM61010	10.0	10.0	6	54	16°	Welded	32,12		32,42	47,08	√
NBM61212	12.0	12.0	6	56	28°	Welded	37,72		38,07	58,91	√
NBM61520	16.0	19.0	6	63	18°	Welded	48,62		49,08	67,48	√
NBM62015	19.0	16.0	6	60	30°	Welded	65,09		65,70	88,29	√

8 mm. SHANK

	D1 mm	L2 mm	D2 mm	L1 mm	Ángulo	Type	Cuts - PRICE				
							2	4	6	6+TiAlN	9
NBM81212	12.7	12.7	8	58	28°	Welded	37,72		37,72	58,91	√
NBM81520	16.0	19.0	8	64	18°	Welded	48,62		48,62	67,48	√

## RIM SHAPE

**RIM  
SHAPE**
**SOLID  
CARBIDE**


Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Angle	2	3	4	6	6+TiAlN	
3 mm. SHANK	PBM31001	10.0	1.6	3	34	-					
							<b>40,26</b>				

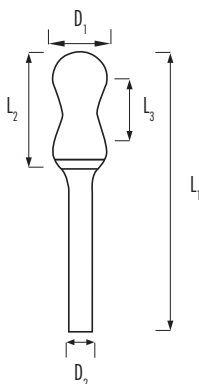
Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Angle	2	3	4	6	6+TiAlN	
6 mm. SHANK	PBM61202	12.0	2.6	6	48	-					
	PBM62503	25.0	3.2	6	48	90° + Radial					
	PBM62505	25.0	5.5	6	50	90°					
	PBM62506	25.0	6.3	6	51	Radial					
	PBM63806	38.0	6.1	6	51	90° + Radial					
							<b>39,53</b>				
							<b>173,08</b>				
							<b>180,54</b>				
							<b>153,18</b>				
							<b>372,00</b>				

Cuts - PRICE

	D1 mm	L2 mm	D2 mm	L1 mm	Angle	2	3	4	6	6+TiAlN	
8 mm. SHANK	PBM82503	25.0	3.2	8	48	90° + Radial					
	PBM82505	25.0	5.5	8	50	90°					
	PBM82506	25.0	6.3	8	51	Radial					
	PBM83806	38.0	6.1	8	51	90° + Radial					
							<b>173,08</b>				
							<b>180,54</b>				
							<b>153,18</b>				
							<b>372,00</b>				

## RADIAL BURR

**SOLID  
CARBIDE**


Self-centering geometry



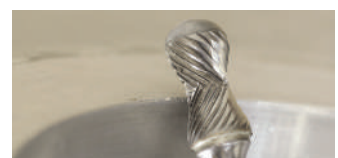
Easily rounds the edges



Easy and precise handling



Excellent edge-surface finishing



Reference


Dimensions - En mm

	D1	L2	L3	D2	L1	Angle	€
CBMMN61225-2	12,8	25	16	6	70	20°	<b>86,09</b>

**MINIATURE CARBIDE ROTARY BURRS**

**MATERIAL**

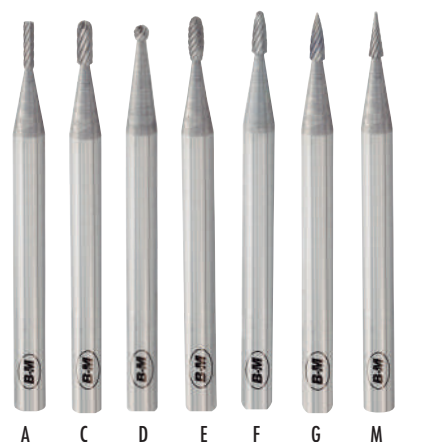
**SOLID CARBIDE** **INOX** **Ti** **Ni** **CAST IRON**



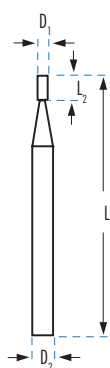
Micro standard cut for general purposes

**APPLICATIONS**

- Precision pieces producers
- Jewellery applications
- Turbines producers



Accurate drilling of precious stones



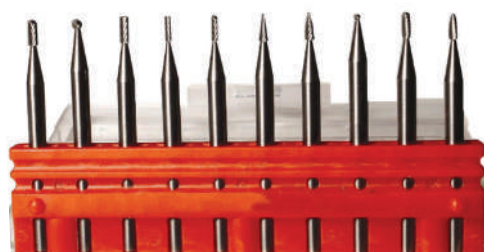
		D1 mm	L1 mm	L2 mm	D2 mm	€	
<b>TYPE A</b>	Cylinder without end cut	ABM30104-2M	1,0	38,0	4,0	3,0	26,27
		ABM31504-2M	1,5	38,0	4,0	3,0	26,27
		ABM30204-2M	2,0	38,0	4,0	3,0	26,27
<b>TYPE C</b>	Ball nosed cylinder	CBM30104-2M	1,0	38,0	4,0	3,0	26,27
		CBM31504-2M	1,5	38,0	4,0	3,0	26,27
		CBM30204-2M	2,0	38,0	4,0	3,0	26,27
<b>TYPE D</b>	Ball	DBM30101-2M	1,0	38,0	1,0	3,0	26,27
		DBM31515-2M	1,5	38,0	1,5	3,0	26,27
		DBM30202-2M	2,0	38,0	2,0	3,0	26,27
<b>TYPE E</b>	Oval	EBM31504-2M	1,5	38,0	4,0	3,0	26,27
<b>TYPE F</b>	Ball nosed tree	FBM31504-2M	1,5	38,0	4,0	3,0	26,27
<b>TYPE G</b>	Pointed tree	GBM31504-2M	1,5	38,0	4,0	3,0	26,27
<b>TYPE M</b>	Cone	MBM31504-2M	1,5	38,0	4,0	3,0	26,27

Recommended operating speeds 70.000 rpm

**MICRO BURR SET**

BSMicroBM

Content: 10 Miniatures rotary burrs



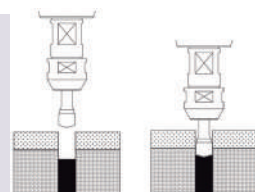
- TYPE A** Cylinder without end cut:  
ABM30104-2M  
ABM31504-2M
- TYPE C** Ball nosed cylinder:  
CBM30104-2M  
CBM31504-2M
- TYPE D** Ball:  
DBM30101-2M  
DBM31515-2M

- TYPE E** Oval:  
EBM31504-2M
- TYPE F** Ball nosed tree:  
FBM31504-2M
- TYPE G** Pointed tree:  
GBM31504-2M
- TYPE M** Cone:  
MBM31504-2M

PRICE.: **262,70**

## BOLT REMOVER

- Centering carbide burr system - Maximizing the potential of drilling threads on centre
- Extracting of broken bolt threads - Reducing damage to existing threaded holes
- Guided steps to accomplish required outcome - Saving the threads and the component
- Choose the correct size of the carbide burr for the broken bolt



	Size Bolt/Top	D1 mm	L1 mm	D2 mm	L2 mm	RPM	Type	€
K60520-2BR	M6	4,9	5,0	6.0	50,0	60.000	Solid Carbide	<b>30,05</b>
K60705-2BR	M8	6,4	5,0	6.0	50,0	55.000	Welded	<b>30,05</b>
K60805-2BR	M10	7,8	5,0	6.0	50,0	53.000	Welded	<b>39,31</b>
K61005-2BR	M12	9,3	5,0	6.0	50,0	50.000	Welded	<b>41,37</b>
K61105-2BR	M14	10,7	5,2	6.0	50,0	45.000	Welded	<b>61,19</b>

## SET OF EXTRACTORS

**NEW**

REFERENCE	EX/M6K	EX/M8K	EX/M10K
QUANTITY	4	4	4
METRIC	M6	M8	M10
CONTENT	K60520-2BR • BC310490 EFX/1 • EX/1	K60705-2BR • BC310640 EFX/2 • EX/2	K60805-2BR • BC310780 EFX/3 • EX/3
PRICE €	<b>40,86</b>	<b>42,55</b>	<b>56,07</b>

**NEW**

REFERENCE	EX/M12K	EX/M14K
QUANTITY	4	4
METRIC	M12	M14
CONTENT	K61005-2BR • BC310930 EFX/4 • EX/4	K61105-2BR • BC311050 EFX/4 • EX/4
PRICE €	<b>63,08</b>	<b>85,07</b>



**CARBIDE ROTARY BURR SETS**

**Ø 6 mm. SHANK**



REFERENCE	PTFRBM31			PTFRBM32			PTFRBM33		
QUANTITY	10			10			10		
CUTS	6			6			3		
QUALITY	CARBIDE			CARBIDE			CARBIDE		AI
CONTENT	ABM61020-6E CBM61225-6 GBM61020-6	ABM61225-6E LBM61228-6 GBM61225-6 FBM61225-6	CBM61020-6 EBM61015-6 DBM61212-6	ABM60820-6E CBM61020-6 FBM60820-6	ABM61020-6E DBM60808-6 FBM61020-6 LBM61026-6	CBM60820-6 DBM61010-6 LBM60822-6	ABM60820-3E CBM61020-3 FBM60820-3	ABM61020-3E DBM60808-3 FBM61020-3 LBM61228-3	CBM60820-3 DBM61010-3 LBM61026-3
PRICE €	330,40			247,30			371,13		

**Ø 3 mm. SHANK**

**Ø 6 mm. SHANK**



REFERENCE	PTFRBM34			PTFRBM35		PTFRBM36	
QUANTITY	10			5		5	
CUTS	6			6		3	
QUALITY	CARBIDE			CARBIDE		CARBIDE	AI
CONTENT	ABM30314-6 DBM30303-6 GBM30312-6	ABM30314-6E EBM30306-6 HBM30306-6 MBM30311-6	CBM30312-6 FBM30312-6 LBM30312-6	ABM61225-6E CBM61225-6	MBM61222-6 DBM61212-6 FBM61225-6	ABM61225-3E CBM61225-3	LBM61228-3 DBM61212-3 FBM61225-3
PRICE €	110,82			186,93		257,46	

REFERENCE	PTFRBM41		PTFRBM42		PTFRBM43		PTFRBM44	
QUANTITY	4		4		4		4	
CUTS	6		6		6		3	
QUALITY	CARBIDE		CARBIDE		CARBIDE		CARBIDE	AI
CONTENT	ABM61225-6E FBM61225-6	CBM61225-6 GBM61225-6	ABM60820-6E FBM60820-6	CBM60820-6 GBM60820-6	ABM61225-6E MBM61222-6	CBM61225-6 GBM61225-6	ABM61225-3E FBM61225-3	CBM61225-3 G61225-3
PRICE €	148,88		93,03		153,81		227,81	



\* Other sets on request.

**CARBIDE ROTARY BURRS DISPLAYS AND SETS**

Rotary burrs

Pink



REFERENCE	<b>EMFRBM-01</b>		
QUANTITY	15		
QUALITY	<b>CARBIDE</b>		
CONTENT	ABM60618-6E CBM60618-6 DBM60606-6 FBM60618-6 GBM60618-6	ABM61020-6E CBM61020-6 DBM61010-6 FBM61020-6 GBM61020-6	ABM61225-6E CBM61225-6 DBM61212-6 FBM61225-6 GBM61225-6
PRICE €	<b>411,27</b>		

REFERENCE	<b>EMFRBM-02</b>		
QUANTITY	15		
QUALITY	<b>CARBIDE</b>		
CONTENT	ABM61225-6 DBM61212-6 GBM61225-6 LBM61228-6 ABM61225-6-150	ABM61225-6E EBM61220-6 HBM61232-6 MBM60620-6 CBM61225-6-150	CBM61225-6 FBM61225-6 KBM61206-6 NBM61212-6 FBM61225-6-150
Long series			
PRICE €	<b>689,27</b>		

REFERENCE	<b>AUTOMOCION BM</b>		
QUANTITY	8		
QUALITY	<b>CARBIDE</b>		
CONTENT	ABM60820-6E CBM60820-6 DBM60606-6	DBM60808-6 EBM61220-6 HBM61232-6	LBM61026-6 MBM61020-6
PRICE €	<b>244,97</b>		

REFERENCE	<b>BBM52</b>		
QUANTITY	8		
QUALITY	<b>CARBIDE</b>		
CONTENT	ABM61225-6 CBM61225-6 DBM61212-6	EBM61220-6 FBM61225-6 GBM61225-6	HBM61232-6 MBM61222-6
PRICE €	<b>314,61</b>		



\* Other sets on request.

**TBM12**

Content:

- \* 1 Propower model P25 Die grinder 25.000 R.P.M. 0,55 HP with safety lever and 6 mm collet (Proven durability in production works)
- \* 5 rotary burrs REF. CBM61225-6
- \* 5 rotary burrs REF. FBM61225-6
- \* 1 Air inlet and exhaust hose assemblies

PRICE: **847,97 €****TBM3**

Content:

- \* 1 Propower Die grinder 75.000 R.P.M. 0,15 HP with 3 mm collet
- \* 10 Rotary burrs in 3 mm shank to choose

PRICE: **1.133,61 €**

**METHACRYLATE DISPLAYS FOR CARBIDE ROTARY BURRS**



Ref. MINILUXBM-1

**MINILUXBM-1**

Content: 30 Carbide rotary burrs

x 1 Uds :	ABM61225-6E	DBM61212-6	GBM61225-6
	CBM61225-6	FBM61225-6	LBM61228-6
x 2 Uds:	ABM60820-6E	DBM60808-6	GBM60820-6
	ABM61020-6E	DBM61010-6	GBM61020-6
	CBM60820-6	FBM60820-6	LBM60822-6
	CBM61020-6	FBM61020-6	LBM61026-6
	CBM61225-6	FBM61225-6	LBM61228-6

Dimensions: width 210 x depth 210 x height 210 mm.

**810,74 €**



Ref. MAXILUXBM-2

**MAXILUXBM-2**

Content: 180 Carbide rotary burrs

x 5 Uds:	ABM60618-6	DBM60606-6	MBM60620-6
	ABM60820-6	DBM60808-6	MBM61020-6
	ABM61020-6	DBM61010-6	MBM61222-6
	ABM61225-6	DBM61212-6	LBM60618-6
	ABM60618-6E	FBM60618-6	LBM60822-6
	ABM60820-6E	FBM60820-6	LBM61026-6
	ABM61020-6E	FBM61020-6	LBM61228-6
	ABM61225-6E	FBM61225-6	HBM60820-6
	CBM60618-6	GBM60618-6	HBM61232-6
	CBM60820-6	GBM60820-6	EBM60815-6
	CBM61020-6	GBM61020-6	EBM61015-6
	CBM61225-6	GBM61225-6	EBM61220-6

Dimensions: width 250 x depth 365 x height 235 mm.

**5.129,70 €**



Ref. BSBM40

**BSBM40**

Content: 40 Carbide rotary burrs

x 2 Uds:	ABM60618-6E	FBM60618-6	LBM60618-6
	ABM60820-6E	FBM60820-6	LBM60822-6
	ABM61020-6E	FBM61020-6	LBM61026-6
	ABM61225-6E	FBM61225-6	LBM61228-6
	CBM60618-6	GBM60618-6	
	CBM60820-6	GBM60820-6	
	CBM61020-6	GBM61020-6	
	CBM61225-6	GBM61225-6	

Dimensions: width 65 x depth 245 x height 300 mm.

**1.102,12 €**

## DIE GRINDERS FOR ROTARY BURRS

Rotary burrs

Pink



The large range of BLUE-MASTER rotary burrs is completed by assortment of die grinders which allow to maximize your efficiency and productivity.

With an excellent relation between power and weight, our range of air die grinders offers 3 different models focused on sectors such as aeronautics, foundry, automotive, shipyards, etc...

This range of industrial air die grinders optimizes the results in all applications such as polishing, roughing and finishing of surfaces.

They offer the best, the most reliable and safest solution for all the roughing and finishing applications.



## ROTARY TOOL FLEXIBLE SHAFT EXTENSION



- For an improved control and for precision working.
- Suitable for a majority of rotary tools and for 3 mm shank tools.  
Thread 19x2mm.
- Great for working in reduced spaces.
- Max speed: 28000 rpm.

L : 1070 mm

**RTFD**  
**16,57 €**



**DIE GRINDERS FOR ROTARY BURRS**



**HIGH POWER DIE GRINDER - P25**  
 -Engine offers more power and less air consumption.  
 -Throttle valve for smoother start up action.  
 -Moulded sleeve for improved ergonomoy, operator comfort and insulation.  
 -Ergonomically designed lever construction.

	R.P.M. 6.3 BAR	HP	WEIGHT Kg.	D1 x L1 mm	EXTENSION spindle	Ø mm. COLLET	OUTLET AIR	REPLACEMENT ENGINE	€
<b>P25</b>	25.000	1.10	0,73	36 x 152	without extension	6 mm.	Ahead	YES	<b>722,60</b>



**LOW VIBRATION DIE GRINDER - P25LR**  
 -Unique anti-vibration dampening system.  
 -Throttle valve for smoother start up action.  
 -Moulded sleeve for improved ergonomoy, operator comfort and insulation.  
 -Ergonomically designed lever construction.  
 -Recommended for long term work.

	R.P.M. 6.3 BAR	HP	WEIGHT Kg.	D1 x L1 mm	EXTENSION spindle	Ø mm. COLLET	OUTLET AIR	REPLACEMENT ENGINE	€
<b>P25LR</b>	25.000	1.10	0,80	36 x 160	without extension	6 mm.	Ahead	YES	<b>821,40</b>



**EXTENDED STRAIGHT DIE GRINDER – P25XLR**  
 -Engine offers more power and less air consumption.  
 -Throttle valve for smoother start up action.  
 -Ergonomically designed lever construction.  
 -Spider coupling for improved transmission strength.

	R.P.M. 6.3 BAR	HP	WEIGHT Kg.	D1 x L1 mm	EXTENSION spindle	Ø mm. COLLET	OUTLET AIR	REPLACEMENT ENGINE	€
<b>P25XLR</b>	25.000	1.10	1,3	40 x 345	12 x150	6 mm.	Ahead	NO	<b>1.086,98</b>



Spare parts prices on request.

**DIAMOND ROTARY BURRS**

Rotary burrs

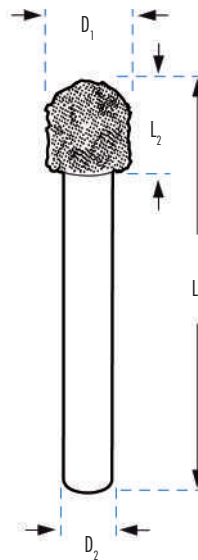
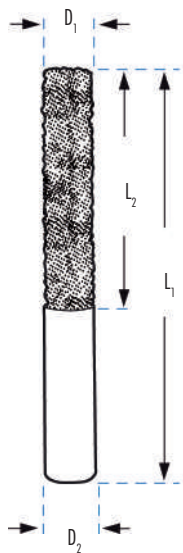
Pink


**APPLICATIONS**
**Construction:**

- Stone, Sandstone, Marble, Granite

**Composite materials:**

- Fiberglass, Carbon and graphite, glass, polyester, plastics

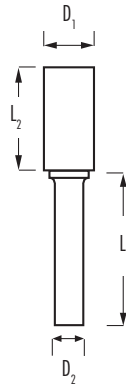


A..D					
	D1 mm	D2 mm	L1 mm	L2 mm	€
A30211D	2,40	3	38	11,00	<b>31,47</b>
A30314D	3,00	3	38	14,00	<b>34,40</b>
A30605D	6,35	3	44	4,70	<b>34,26</b>
A30612D	6,35	3	51	12,70	<b>46,30</b>
A60610D	6,00	6	50	10,00	<b>47,89</b>
A60820D	8,00	6	64	19,20	<b>52,39</b>
A80838D	8,00	8	66	38,00	<b>75,04</b>
A61020D	9,60	6	64	19,00	<b>57,08</b>
A61125D	11,00	6	70	25,40	<b>76,36</b>
A61220D	12,50	6	64	19,20	<b>75,41</b>
A61225D	12,50	6	70	25,40	<b>78,75</b>
A61525D	15,80	6	70	25,40	<b>94,67</b>
A62025D	19,20	6	70	25,40	<b>125,74</b>
A62525D	25,00	6	70	25,40	<b>145,02</b>

C..D					
	D1 mm	D2 mm	L1 mm	L2 mm	€
C30211D	2,40	3	38	11,00	<b>35,80</b>
C30612D	6,35	3	51	12,70	<b>49,98</b>
C60618D	6,00	6	50	18,00	<b>54,47</b>
C60820D	8,00	6	64	19,20	<b>59,60</b>
C60840D	8,00	6	64	38,00	<b>67,03</b>
C80838D	8,00	8	66	38,00	<b>70,84</b>
C61020D	9,60	6	64	19,20	<b>63,94</b>
C61011D	10,00	6	50	11,00	<b>87,77</b>
C61035D	10,00	6	66	35,00	<b>68,22</b>
C61125D	11,00	6	70	25,40	<b>85,52</b>
C61220D	12,50	6	64	19,20	<b>84,46</b>
C61225D	12,50	6	70	25,40	<b>88,19</b>
C61525D	15,80	6	70	25,40	<b>106,04</b>
C62025D	19,20	6	70	25,40	<b>140,83</b>
C62525D	25,00	6	70	25,40	<b>162,42</b>

**CYLINDRICAL MOUNTED POINTS**

**TYPE  
A**



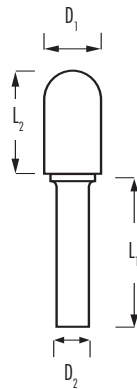
**3 mm. SHANK**

	D1 mm	L2 mm	D2 mm	L1 mm	A
					€
MA030408V	4.0	8.0	3	32	<b>3,90</b>
MA030510V	5.0	10.0	3	32	<b>3,97</b>
MA030515V	5.0	15.0	3	32	<b>4,08</b>
MA030613V	6.0	13.0	3	32	<b>3,97</b>
MA030625V	6.0	25.0	3	32	<b>6,15</b>
MA030810V	8.0	10.0	3	32	<b>4,08</b>
MA030816V	8.0	16.0	3	32	<b>5,49</b>
MA031013V	10.0	13.0	3	32	<b>5,49</b>
MA031313V	13.0	13.0	3	32	<b>4,83</b>
MA031340V	13.0	40.0	3	32	<b>8,61</b>
MA032050V*	20.0	50.0	3	32	<b>10,36</b>

\* Till end of stock

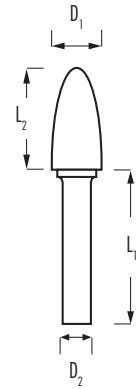
**6 mm. SHANK**

	D1 mm	L2 mm	D2 mm	L1 mm	A
					€
MA060510V*	5.0	10.0	6	32	<b>4,24</b>
MA060515V*	5.0	15.0	6	32	<b>4,34</b>
MA060613V	6.0	13.0	6	32	<b>4,24</b>
MA060625V	6.0	25.0	6	32	<b>6,54</b>
MA060810V	8.0	10.0	6	32	<b>4,34</b>
MA060816V	8.0	16.0	6	32	<b>5,86</b>
MA061013V	10.0	13.0	6	32	<b>4,84</b>
MA061020V	10.0	20.0	6	32	<b>6,15</b>
MA061025V	10.0	25.0	6	32	<b>6,54</b>
MA061032V	10.0	32.0	6	32	<b>7,36</b>
MA061313V	13.0	13.0	6	32	<b>5,16</b>
MA061320V	13.0	20.0	6	32	<b>5,95</b>
MA061325V	13.0	25.0	6	32	<b>6,34</b>
MA061340V	13.0	40.0	6	32	<b>9,19</b>
MA061610V	16.0	10.0	6	32	<b>6,06</b>
MA061620V	16.0	20.0	6	32	<b>6,34</b>
MA062010V	20.0	10.0	6	32	<b>6,34</b>
MA062020V	20.0	20.0	6	32	<b>6,66</b>
MA062025V	20.0	25.0	6	32	<b>7,07</b>
MA062032V	20.0	32.0	6	32	<b>7,86</b>
MA062040V	20.0	40.0	6	32	<b>9,47</b>
MA062050V	20.0	50.0	6	32	<b>10,90</b>
MA062510V	25.0	10.0	6	32	<b>6,96</b>
MA062513V	25.0	13.0	6	32	<b>7,07</b>
MA062516V	25.0	16.0	6	32	<b>7,16</b>
MA062525V	25.0	25.0	6	32	<b>7,97</b>
MA062532V	25.0	32.0	6	32	<b>8,88</b>
MA062540V	25.0	40.0	6	32	<b>10,28</b>
MA063216V	32.0	16.0	6	32	<b>7,56</b>
MA063220V	32.0	20.0	6	32	<b>7,97</b>
MA063232V	32.0	32.0	6	32	<b>9,69</b>
MA063240V	32.0	40.0	6	32	<b>12,22</b>
MA064010V	40.0	10.0	6	32	<b>9,60</b>
MA064015V	40.0	15.0	6	32	<b>11,00</b>
MA064020V	40.0	20.0	6	32	<b>11,81</b>
MA064040V	40.0	40.0	6	32	<b>15,95</b>
MA065013V	50.0	13.0	6	32	<b>12,53</b>
MA065025V	50.0	25.0	6	32	<b>15,54</b>
MA065040V	50.0	40.0	6	32	<b>18,68</b>

**CYLINDRICAL MOUNTED POINTS WITH ROUNDED HEAD**
**TYPE  
C**


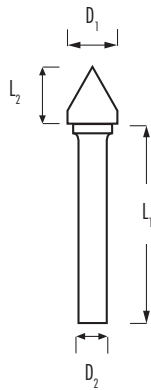
6 mm. SHANK

<b>C</b>					
	D1 mm	L2 mm	D2 mm	L1 mm	€
MCO60510V	5.0	10.0	6	32	<b>5,51</b>
MCO60816V	8.0	16.0	6	32	<b>7,60</b>
MCO61320V	13.0	20.0	6	32	<b>7,73</b>
MCO62025V	20.0	25.0	6	32	<b>9,19</b>
MCO62532V	25.0	32.0	6	32	<b>11,54</b>

**RIB MOUNTED POINTS**
**TYPE  
F**


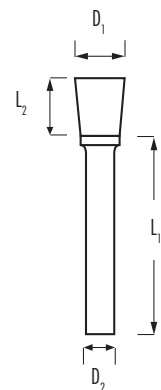
6 mm. SHANK

<b>F</b>					
	D1 mm	L2 mm	D2 mm	L1 mm	€
MF060510V	5.0	10.0	6	32	<b>5,51</b>
MF060816V	8.0	16.0	6	32	<b>7,60</b>
MF061320V	13.0	20.0	6	32	<b>7,73</b>
MF062032V	20.0	32.0	6	32	<b>10,23</b>
MF062050V	20.0	50.0	6	32	<b>14,16</b>
MF062540V	25.0	40.0	6	32	<b>13,38</b>

**CONICAL MOUNTED POINTS**
**TYPE  
M**


6 mm. SHANK

<b>M</b>					
	D1 mm	L2 mm	D2 mm	L1 mm	€
MM061010V	10.0	10.0	6	32	<b>5,65</b>
MM061025V	10.0	25.0	6	32	<b>8,52</b>
MM061313V	13.0	13.0	6	32	<b>6,68</b>
MM061616V	16.0	16.0	6	32	<b>7,99</b>
MM061645V	16.0	45.0	6	32	<b>14,16</b>
MM062020V	20.0	20.0	6	32	<b>8,66</b>
MM062032V	20.0	32.0	6	32	<b>10,23</b>
MM062040V	20.0	40.0	6	32	<b>12,33</b>
MM062525V	25.0	25.0	6	32	<b>10,36</b>
MM062545V	25.0	45.0	6	32	<b>14,43</b>
MM063232V	32.0	32.0	6	32	<b>12,59</b>
MM063250V	32.0	50.0	6	32	<b>20,20</b>

**REVERSE CONE MOUNTED POINTS**
**TYPE  
N**


6 mm. SHANK

<b>N</b>					
	D1 mm	L2 mm	D2 mm	L1 mm	€
MNO62016V	20.0	16.0	6	32	<b>9,83</b>
MNO62520V	25.0	20.0	6	32	<b>11,35</b>
MNO63225V	32.0	25.0	6	32	<b>13,32</b>
MNO64032V	40.0	32.0	6	32	<b>20,73</b>