ATD TOOLS

TUNGSTEN CARBIDE ROTARY BURS

ATD TOOLS ~ ROTARY BURS ~ HIGH & LONG EFFICENCY



ATD TOOLS ~ ROTARY BURS ~ HIGH & LONG EFFICENCY

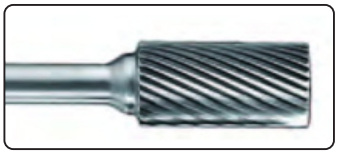
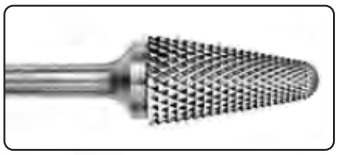
2021

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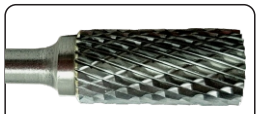
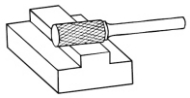
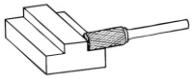
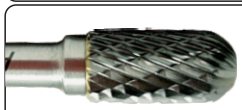
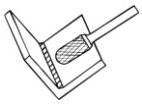
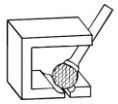
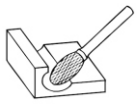
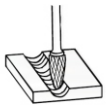
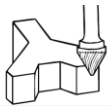
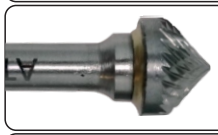
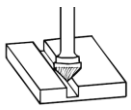
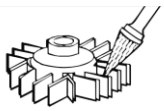
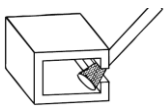
Carbide Rotary Burs Application

-Trimming flash edges, burs and welding lines of casting, forging and welding parts.
-Finish machining on metal molds.
-Finishing cast gates of vane wheel.
-Chamfering, rounding and channeling.
-Finish machining of surfaces of inner bore on machinery parts.
-Artistic engraving on all kinds of metal and non metal parts.

Choosing Carbide Rotary File

	**Coarse Cut - CC** Coarse cutter tooth for effective cutting removal of INOX steel, tool steel and welding parts.
	**Single Cut - SC** Standard tooth for finish machining of stainless steel, hardened steel and cast iron.
	**Double Cut - DC** General-purpose cutter tooth may be alternatively used for cutting soft and hard materials.
	**Aluminum Cut - AL** Special cutter tooth for cutting copper, bronze and aluminum alloy.
	**Diamond Cut - DIA** Rhombic tooth is especially effective for rough machining and finish machining extra hard alloy, welding line and cast iron. Smashing cut may avoid hurt to the operator.
	**Chipbreaker Cut - CB** Discontinuous chip cutter tooth for machining non hardened steels and cast steel welding lines.

ATD TOOLS

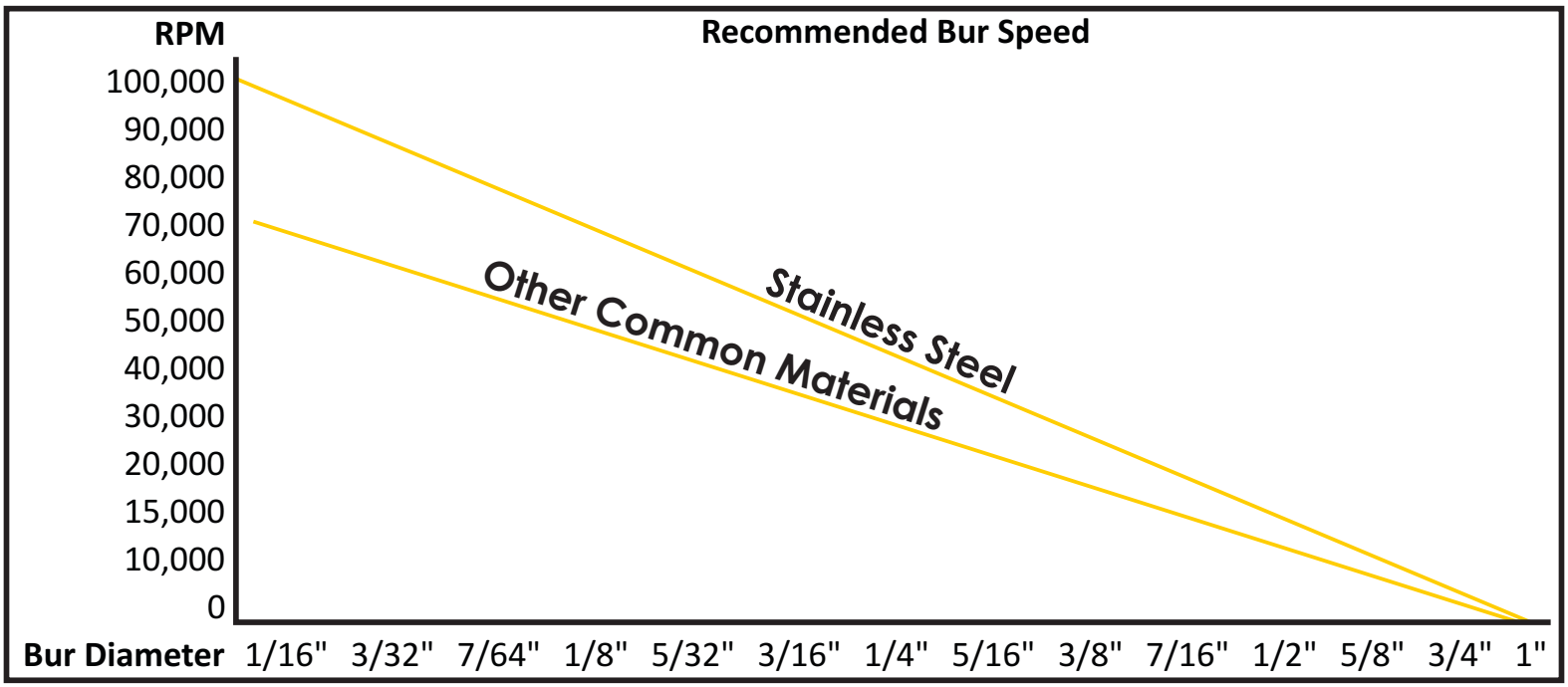
Head Shape	Head Style	Head Code	Diagram	Application
	Cylindrical Plain End	A		Deburring
	Cylindrical With End Cut	B		Interior contour work, peripheral and face milling
	Cylindrical Ball Nose	C		Deburring, Contouring
	Ball	D		Contouring; Bore deburring, Milling in preparation of build-up welding
	Oval	E		Contouring
	Arch Ball Nose	F		Interior Contour work, peripheral and face milling
	Arch Pointed Nose	G		Work on narrow contours, Milling of acute-angled surfaces
	Flame	H		Work on narrow contours
	60° Cone	J		Machining of acute-angled areas; Countersinking; Beveling/Chamfering at defined angles
	90° Cone	K		Machining of acute-angled areas; Countersinking; Beveling/Chamfering at defined angles
	Conical Ball Nose	L		Work on narrow contours and surfaces; Surface machining
	Conical Pointed Nose	M		Work on narrow contours; Surface machining
	Inverted Cone	N		Edge machining from the rear in hard to reach areas

ATD TOOLS

Carbide Rotary Burs Application

Materials	Coarse Cut	Single Cut	Double Cut	Aluminum Cut	Diamond Cut	Chipbreaker
Aluminum				•		
Brass, Bronze, Copper		•	•	•		•
Carbon Fiber		•				
Fiberglass					•	
Cast Iron		•	•			•
Plastics	•					
Hard Rubber		•				
Steel 40-55 RC		•	•		•	•
Steel 55-60 RC		•	•		•	•
Carbon Steel		•	•			•
Nickel Chrome Steel		•	•		•	•
Stainless Steel	•	•	•			•
Weldments Steel	•	•	•			•
Titanium		•	•			•
Zinc	•			•		

Carbide Rotary Burs Speed Recommendation

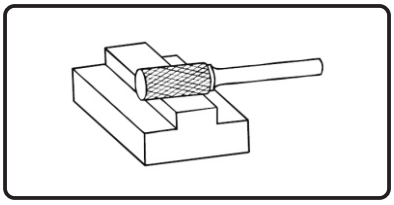


ATD TOOLS

Cylindrical Plain End

Shape: A

Recommended for:



Application: Deburring



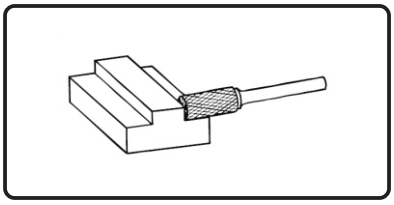
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92586	Single Cut	6	16	6 / 6.35	61
92587	Single Cut	8	20	6 / 6.35	65
92588	Single Cut	10	20	6 / 6.35	65
92589	Single Cut	12	25	6 / 6.35	70
92590	Single Cut	16	25	6 / 6.35	70
92685	Double Cut	3	13	3 / 3.175	38
92686	Double Cut	6	16	6 / 6.35	61
92687	Double Cut	8	20	6 / 6.35	65
92688	Double Cut	10	20	6 / 6.35	65
92689	Double Cut	12	25	6 / 6.35	70
92690	Double Cut	16	25	6 / 6.35	70
92785	Rough Cut	3	13	3 / 3.175	38
92786	Rough Cut	6	16	6 / 6.35	61
92787	Rough Cut	8	20	6 / 6.35	65
92788	Rough Cut	10	20	6 / 6.35	65
92789	Rough Cut	12	25	6 / 6.35	70
92790	Rough Cut	16	25	6 / 6.35	70

ATD TOOLS

Cylindrical With End Cut

Shape: B

Recommended for:



Application: Interior contour work,
Peripheral and face milling



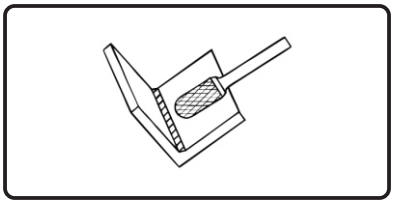
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91588	Single Cut	10	20	6 / 6.35	65
91589	Single Cut	12	25	6 / 6.35	70
91590	Single Cut	16	25	6 / 6.35	70
91685	Double Cut	3	13	3 / 3.175	38
91686	Double Cut	6	16	6 / 6.35	61
91687	Double Cut	8	20	6 / 6.35	65
91688	Double Cut	10	20	6 / 6.35	65
91689	Double Cut	12	25	6 / 6.35	70
91690	Double Cut	16	25	6 / 6.35	70
91785	Rough Cut	3	13	3 / 3.175	38
91786	Rough Cut	6	16	6 / 6.35	61
91787	Rough Cut	8	20	6 / 6.35	65
91788	Rough Cut	10	20	6 / 6.35	65
91789	Rough Cut	12	25	6 / 6.35	70
91790	Rough Cut	16	25	6 / 6.35	70

ATD TOOLS

Cylindrical Ball Nose

Shape: C

Recommended for:



Application: Deburring, Contouring



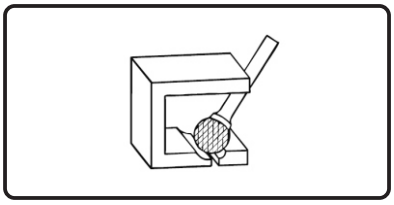
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90589	Single Cut	12	25	6 / 6.35	70
90590	Single Cut	16	25	6 / 6.35	70
90685	Double Cut	3	13	3 / 3.175	38
90686	Double Cut	6	16	6 / 6.35	61
90687	Double Cut	8	20	6 / 6.35	65
90688	Double Cut	10	20	6 / 6.35	65
90689	Double Cut	12	25	6 / 6.35	70
90690	Double Cut	16	25	6 / 6.35	70
90785	Rough Cut	3	13	3 / 3.175	38
90786	Rough Cut	6	16	6 / 6.35	61
90787	Rough Cut	8	20	6 / 6.35	65
90788	Rough Cut	10	20	6 / 6.35	65
90789	Rough Cut	12	25	6 / 6.35	70
90790	Rough Cut	16	25	6 / 6.35	70

ATD TOOLS

Ball

Shape: D

Recommended for:



Application: Contouring
Bore deburring
Milling in preparation of build-up welding



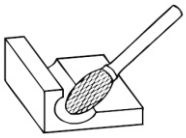
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82586	Single Cut	6	5	6 / 6.35	50
82587	Single Cut	8	7	6 / 6.35	52
82588	Single Cut	10	9	6 / 6.35	54
82589	Single Cut	12	10	6 / 6.35	55
82590	Single Cut	16	14	6 / 6.35	60
82685	Double Cut	3	3	3 / 3.175	38
82686	Double Cut	6	5	6 / 6.35	50
82687	Double Cut	8	7	6 / 6.35	52
82688	Double Cut	10	9	6 / 6.35	54
82689	Double Cut	12	10	6 / 6.35	55
82690	Double Cut	16	14	6 / 6.35	60
82785	Rough Cut	3	3	3 / 3.175	38
82786	Rough Cut	6	5	6 / 6.35	50
82787	Rough Cut	8	7	6 / 6.35	52
82788	Rough Cut	10	9	6 / 6.35	54
82789	Rough Cut	12	10	6 / 6.35	55
82790	Rough Cut	16	14	6 / 6.35	60

ATD TOOLS

Oval

Shape: E

Recommended for:



Application: Contouring



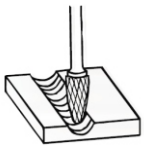
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60307	Single Cut	8	13	6 / 6.35	58
60308	Single Cut	10	16	6 / 6.35	61
60309	Single Cut	12	20	6 / 6.35	65
60310	Single Cut	16	25	6 / 6.35	70
60405	Double Cut	3	6	3 / 3.175	38
60406	Double Cut	6	10	6 / 6.35	55
60407	Double Cut	8	13	6 / 6.35	58
60408	Double Cut	10	16	6 / 6.35	61
60409	Double Cut	12	20	6 / 6.35	65
60410	Double Cut	16	25	6 / 6.35	70
60505	Rough Cut	3	6	3 / 3.175	38
60506	Rough Cut	6	10	6 / 6.35	55
60507	Rough Cut	8	13	6 / 6.35	58
60508	Rough Cut	10	16	6 / 6.35	61
60509	Rough Cut	12	20	6 / 6.35	65
60510	Rough Cut	16	25	6 / 6.35	70

ATD TOOLS

Arch Ball Nose

Shape: F

Recommended for:



Application: Interior contour work
Peripheral and face milling



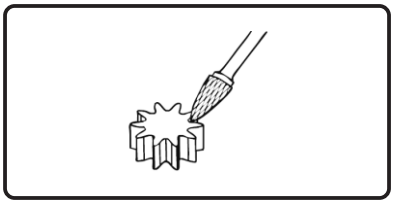
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50307	Single Cut	8	20	6 / 6.35	65
50308	Single Cut	10	20	6 / 6.35	65
50309	Single Cut	12	25	6 / 6.35	70
50310	Single Cut	16	25	6 / 6.35	70
50405	Double Cut	3	13	3 / 3.175	38
50406	Double Cut	6	18	6 / 6.35	63
50407	Double Cut	8	20	6 / 6.35	65
50408	Double Cut	10	20	6 / 6.35	65
50409	Double Cut	12	25	6 / 6.35	70
50410	Double Cut	16	25	6 / 6.35	70
50505	Rough Cut	3	13	3 / 3.175	38
50506	Rough Cut	6	18	6 / 6.35	63
50507	Rough Cut	8	20	6 / 6.35	65
50508	Rough Cut	10	20	6 / 6.35	65
50509	Rough Cut	12	25	6 / 6.35	70
50510	Rough Cut	16	25	6 / 6.35	70

ATD TOOLS

Arch Pointed Nose

Shape: G

Recommended for:



Application: Work on narrow contours
Milling of acute-angled surfaces



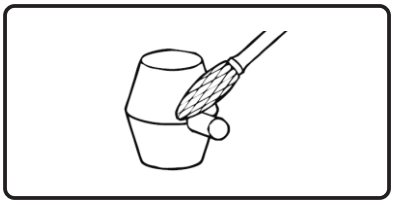
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40306	Single Cut	6	18	6 / 6.35	63
40307	Single Cut	8	20	6 / 6.35	65
40308	Single Cut	10	20	6 / 6.35	65
40309	Single Cut	12	25	6 / 6.35	70
40310	Single Cut	16	25	6 / 6.35	70
40405	Double Cut	3	13	3 / 3.175	38
40406	Double Cut	6	18	6 / 6.35	63
40407	Double Cut	8	20	6 / 6.35	65
40408	Double Cut	10	20	6 / 6.35	65
40409	Double Cut	12	25	6 / 6.35	70
40410	Double Cut	16	25	6 / 6.35	70
40505	Rough Cut	3	13	3 / 3.175	38
40506	Rough Cut	6	18	6 / 6.35	63
40507	Rough Cut	8	20	6 / 6.35	65
40508	Rough Cut	10	20	6 / 6.35	65
40509	Rough Cut	12	25	6 / 6.35	70
40510	Rough Cut	16	25	6 / 6.35	70

ATD TOOLS

Flame

Shape: H

Recommended for:



Application: Work on narrow contours



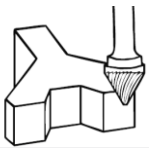
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30387	Single Cut	8	20	6 / 6.35	65
30388	Single Cut	10	25	6 / 6.35	70
30389	Single Cut	12	32	6 / 6.35	77
30390	Single Cut	16	36	6 / 6.35	81
30485	Double Cut	3	7	3 / 3.175	38
30486	Double Cut	6	18	6 / 6.35	63
30487	Double Cut	8	20	6 / 6.35	65
30488	Double Cut	10	25	6 / 6.35	70
30489	Double Cut	12	32	6 / 6.35	77
30490	Double Cut	16	36	6 / 6.35	81
30585	Rough Cut	3	7	3 / 3.175	38
30586	Rough Cut	6	18	6 / 6.35	63
30587	Rough Cut	8	20	6 / 6.35	65
30588	Rough Cut	10	25	6 / 6.35	70
30589	Rough Cut	12	32	6 / 6.35	77
30590	Rough Cut	16	36	6 / 6.35	81

ATD TOOLS

60° Cone

Shape: J

Recommended for:



Application: Machining of acute-angled areas
Countersinking
Beveling/Chamfering at defined angles



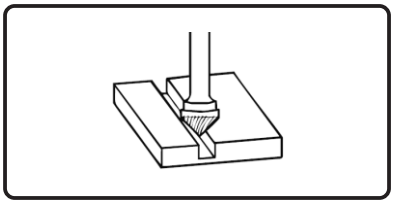
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20487	Single Cut	8	7	6 / 6.35	57
20488	Single Cut	10	8	6 / 6.35	58
20489	Single Cut	12	10	6 / 6.35	60
20490	Single Cut	16	13	6 / 6.35	62
20585	Double Cut	3	2	3 / 3.175	38
20586	Double Cut	6	5	6 / 6.35	55
20587	Double Cut	8	7	6 / 6.35	57
20588	Double Cut	10	8	6 / 6.35	58
20589	Double Cut	12	10	6 / 6.35	60
20590	Double Cut	16	13	6 / 6.35	62

ATD TOOLS

90° Cone

Shape: K

Recommended for:



Application: Machining of acute-angled areas
Countersinking
Beveling/Chamfering at defined angles



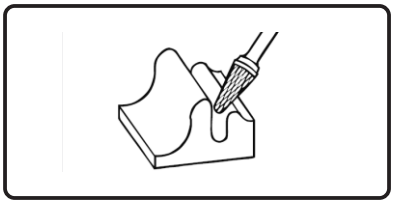
ATD Part Number	Unit: mm				
	Flute	Head Diameter	Head Length	Shank Diameter	Total Length
15555	Single Cut	3	1.5	3 / 3.175	38
15556	Single Cut	6	3	6 / 6.35	51
15557	Single Cut	8	4	6 / 6.35	54
15558	Single Cut	10	5	6 / 6.35	55
15559	Single Cut	13	6	6 / 6.35	57
15560	Single Cut	16	8	6 / 6.35	60
15655	Double Cut	3	1.5	3 / 3.175	38
15656	Double Cut	6	3	6 / 6.35	51
15657	Double Cut	8	4	6 / 6.35	54
15658	Double Cut	10	5	6 / 6.35	55
15659	Double Cut	13	6	6 / 6.35	57
15660	Double Cut	16	8	6 / 6.35	60

ATD TOOLS

Conical Ball Nose

Shape: L

Recommended for:



Application: Work on narrow contours and surfaces
Surfaces Machining



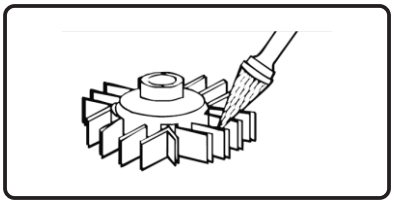
ATD Part Number	Unit: mm				
	Flute	Head Diameter	Head Length	Shank Diameter	Total Length
14555	Single Cut	3	13	3 / 3.175	38
14556	Single Cut	6	16	6 / 6.35	61
14557	Single Cut	8	22	6 / 6.35	67
14558	Single Cut	10	25	6 / 6.35	70
14559	Single Cut	12	28	6 / 6.35	73
14560	Single Cut	16	33	6 / 6.35	78
14655	Double Cut	3	13	3 / 3.175	38
14656	Double Cut	6	16	6 / 6.35	61
14657	Double Cut	8	22	6 / 6.35	67
14658	Double Cut	10	25	6 / 6.35	70
14659	Double Cut	12	28	6 / 6.35	73
14660	Double Cut	16	33	6 / 6.35	78
14755	Rough Cut	3	13	3 / 3.175	38
14756	Rough Cut	6	16	6 / 6.35	61
14757	Rough Cut	8	22	6 / 6.35	67
14758	Rough Cut	10	25	6 / 6.35	70
14759	Rough Cut	12	28	6 / 6.35	73
14760	Rough Cut	16	33	6 / 6.35	78

ATD TOOLS

Conical Pointed Nose

Shape: M

Recommended for:



Application: Work on narrow contours
Surface machining



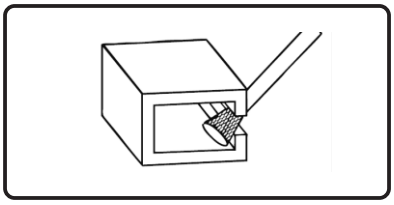
ATD Part Number	Unit: mm				
	Flute	Head Diameter	Head Length	Shank Diameter	Total Length
13555	Single Cut	3	16	3 / 3.175	38
13556	Single Cut	6	18	6 / 6.35	63
13557	Single Cut	8	20	6 / 6.35	65
13558	Single Cut	10	20	6 / 6.35	65
13559	Single Cut	12	25	6 / 6.35	70
13560	Single Cut	16	25	6 / 6.35	70
13655	Double Cut	3	16	3 / 3.175	38
13656	Double Cut	6	18	6 / 6.35	63
13657	Double Cut	8	20	6 / 6.35	62
13658	Double Cut	10	20	6 / 6.35	65
13659	Double Cut	12	25	6 / 6.35	70
13660	Double Cut	16	25	6 / 6.35	70
13755	Rough Cut	3	16	3 / 3.175	38
13756	Rough Cut	6	18	6 / 6.35	63
13757	Rough Cut	8	20	6 / 6.35	62
13758	Rough Cut	10	20	6 / 6.35	65
13759	Rough Cut	12	25	6 / 6.35	70
13760	Rough Cut	16	25	6 / 6.35	70

ATD TOOLS

Inverted Cone

Shape: N

Recommended for:



Application: Edge machining from the rear in hard-to-reach areas



ATD Part Number	Unit: mm				
	Flute	Head Diameter	Head Length	Shank Diameter	Total Length
12555	Single Cut	3	4	3 / 3.175	38
12556	Single Cut	6	7	6 / 6.35	52
12557	Single Cut	8	9	6 / 6.35	54
12558	Single Cut	10	11	6 / 6.35	56
12559	Single Cut	12	13	6 / 6.35	58
12560	Single Cut	16	16	6 / 6.35	61
12655	Double Cut	3	4	3 / 3.175	38
12656	Double Cut	6	7	6 / 6.35	52
12657	Double Cut	8	9	6 / 6.35	54
12658	Double Cut	10	11	6 / 6.35	56
12659	Double Cut	12	13	6 / 6.35	58
12660	Double Cut	16	16	6 / 6.35	61
12755	Rough Cut	3	4	3 / 3.175	38
12756	Rough Cut	6	7	6 / 6.35	52
12757	Rough Cut	8	9	6 / 6.35	54
12758	Rough Cut	10	11	6 / 6.35	56
12759	Rough Cut	12	13	6 / 6.35	58
12760	Rough Cut	16	16	6 / 6.35	61









With our sincerity, we will win your trust

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