

# Cut-off wheels for stationary machines and for hand-held petrol or electric machines



 **LUGA ABRASIV®**  
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## CUT-OFF WHEELS FOR STATIONARY MACHINES

### STEEL

50m/s

For universal cutting the details and constructions made of different kinds of steel.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	100	1.0 - 3.0	20	9550
41	120	1.2	20	7960
41	125	1.0 - 4.0	32	7650
41	150	1.0 - 4.0	32	6400
41	175	1.0 - 4.0	32	5450
41	200	1.0 - 4.0	32	4800
41	250	1.6 - 4.0	32	3850
41	300	2.0 - 4.0	32	3200
41	400	3.0 - 4.0	32	2400

80m/s

For effective cutting the details and constructions made of different kinds of steel.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	300	3.0 - 4.0	32	5100
41	350	3.0 - 4.0	32	4400
41	355	3.0 - 4.0	32	4400
41	400	3.5 - 4.0	32;40	3850
41	500	4.5 - 5.0	32;40	3100
41	600	6.0	32	2550
41	900	8.0 - 12.0	100	1700
41	1200	12.0	100	1300

100m/s

41	610	7.0	76.2	3200
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### STONE

50m/s

For universal cutting natural and artificial stone, firebrick.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	150	1.0 - 4.0	32	6400
41	175	1.0 - 4.0	32	5450
41	200	1.0 - 4.0	32	4800
41	250	1.6 - 4.0	32	3850
41	300	2.0 - 4.0	32	3200
41	400	3.0 - 4.0	32	2400

80m/s

For effective cutting natural and artificial stone, firebrick.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	300	3.0 - 4.0	32	5100
41	350	3.0 - 4.0	32	4400
41	355	3.0 - 4.0	32	4400
41	400	3.5 - 4.0	32	3850
41	500	4.5 - 5.0	32	3100
41	600	6.0	32	2550
41	610	7.0	76.2	2550
41	710	8.0	60	2150
41	900	8.0 - 12.0	100	1700
41	1200	12.0	100	1300

100m/s

41	710	8.0	60	2700
41	813	11.0	152.4	2400

### INOX

80m/s

Type	D mm	T mm	H mm	Allowable speed of rotation
41	300	3.0 - 4.0	32	5100
41	500	4.5 - 5.0	32;40	3100

The plant receives the orders for manufacture of wheels with dimensions and characteristics, not indicated in the given table.

## CUT-OFF WHEELS FOR HAND-HELD PETROL OR ELECTRIC MACHINES

### STEEL

80m/s

For effective cutting the material with a large cross-section made of different kinds of steel.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	250	2.0 - 4.0	32	6150
41	300	2.0 - 4.0	20;22.23;25.4;32	5100
41	350	2.4 - 4.0	20;22.23;25.4;32	4400
41	355	2.4 - 4.0	20;22.23;25.4;32	4400
41	400	3.0 - 4.0	22.23;25.4;32	3850

100m/s

41	300	3.0 - 4.0	20;22.23;25.4;32	6400
41	355	3.0 - 4.0	20;22.23;25.4;32	5500
41	400	4.0	32	4800

### STONE

80m/s

For cutting natural and artificial stone, firebrick with a large cross-section.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	250	2.0 - 4.0	32	6150
41	300	2.5 - 4.0	20;22.23;25.4;32	5100
41	350	3.0 - 4.0	20;22.23;25.4;32	4400
41	355	3.0 - 4.0	20;22.23;25.4;32	4400
41	400	3.0 - 4.0	20;22.23;25.4;32	3850

100m/s

41	350	3.0 - 4.0	25.4	5500
41	355	3.5 - 4.0	25.4	5500
41	400	4.0	25.4	4800

### INOX

80m/s

Type	D mm	T mm	H mm	Allowable speed of rotation
41	300	2.8 - 4.0	32	5100
41	355	3.0 - 4.0	25.4	4400
41	400	4.0	32	3850

## CUT-OFF WHEELS FOR RAILWAY RAILS

### FOR STATIONARY MACHINES

#### STEEL

80m/s

For effective without-cauterization cutting of the heat-strengthened railway rails.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	300	3.0 - 4.0	32	5100
41	350	3.5 - 4.0	32	4400
41	400	4.0	32	3850
41	500	5.0	32	3100

### FOR HAND-HELD PETROL OR ELECTRIC MACHINES

80m/s

For effective without-cauterization cutting of the heat-strengthened railway rails.

Type	D mm	T mm	H mm	Allowable speed of rotation
41	300	3.0 - 4.0	20;22.23;25.4;32	5100
41	350	3.0 - 4.0	20;22.23;25.4;32	4400
41	355	3.5 - 4.0	20;22.23;25.4;32	4400
41	400	4.0	20;22.23;25.4;32	3850

100m/s

41	300	3.0 - 4.0	22.23;25.4;32	6400
41	350	4.0	22.23;25.4;32	5500
41	355	4.0	22.23;25.4;32	5500
41	400	4.0	22.23;25.4;32	4800