

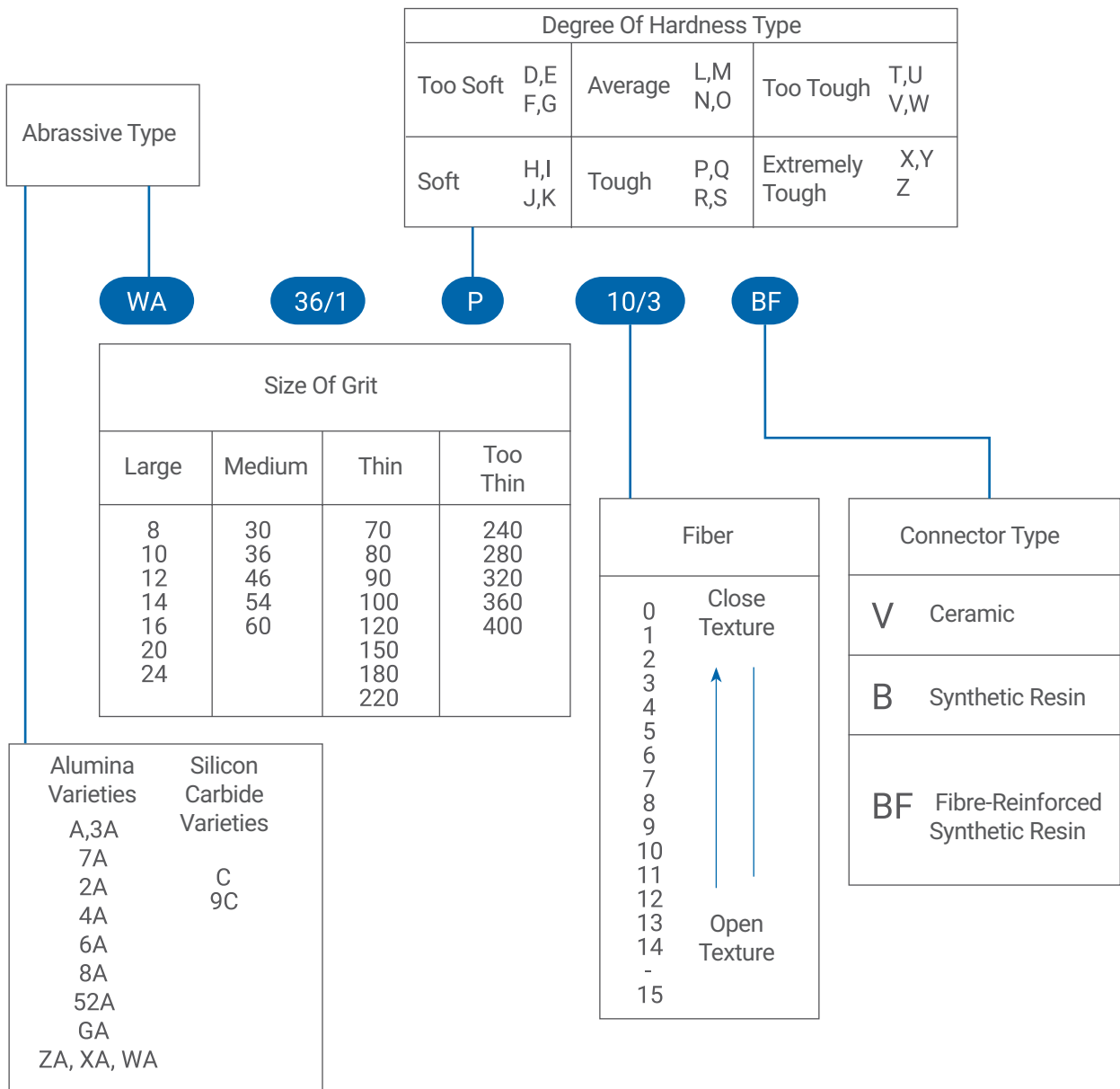
Definition System of Abrasives Система Определения Абразивов

Rodex Abrasives

Specifications of grinding and cutting items are determined by below parameters;
 Abrasive Type
 Size of grit
 Degree of hardness
 Fiber
 Connector type
 The system which is used in order to define the features of abrasives made of aluminium oxide and silicon carbide is below;

Rodex Абразивы

Характеристики шлифовальной и режущей продукции определяются следующими параметрами
 Тип Абразива
 Размер зернистости
 Градус жесткости
 Клетчатка
 Тип соединителя
 Система, которая используется для того, чтобы определить особенности абразивы из оксида алюминия и карбид кремния представлена ниже



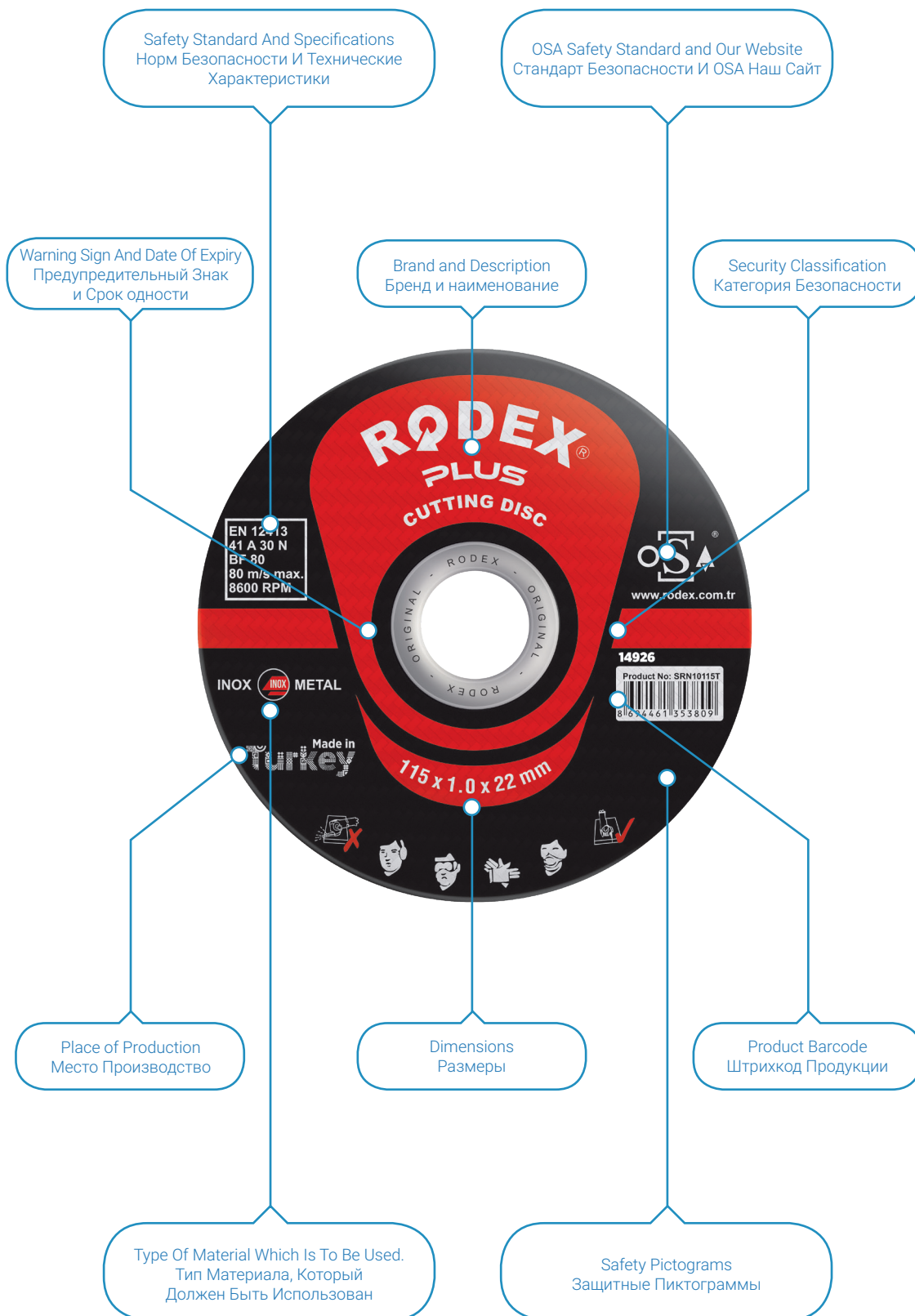
Maximum Operating Speed

Максимальная Скорость Работы

D/mm	Rodex											
	16	20	25	32	35	40	45	50	63	80	100	125
6	51000	64000	80000	102000	112000	128000	143240	160000	201000			
8	38200	48000	60000	76500	84000	95500	107430	120000	150500	191000		
10	30600	38200	48000	61200	67000	76500	86000	95500	120500	153000	191000	184000
13	23550	29500	35600	47100	51500	58800	66500	73500	92600	118000	147000	150000
18	19100	23900	29850	38200	41800	47800	54000	59700	75200	95500	120000	120000
20	15300	19100	23900	30600	33500	38200	43000	47800	60200	76500	95500	95500
25	12300	15300	19100	24500	26800	30600	34400	38200	48200	61200	76500	75000
32	9550	11950	14950	29100	20900	23900	26900	30000	37600	48000	60000	59700
40	7650	9550	11950	15300	16750	19100	21500	23900	30100	38200	47200	47750
50	6150	7650	9550	12250	13400	15300	17200	19100	24100	30600	38200	37900
63	4850	6100	7600	9750	10650	12150	13650	15200	19100	24300	30250	29850
80	3850	4800	6000	7650	8400	9550	10750	12000	15100	19100	23900	23900
100	3100	3850	4800	6150	8700	7650	8600	9550	12100	15300	19100	20800
115	2700	3350	4200	5350	5850	650	7500	8350	10500	13300	16650	19100
125	2450	3100	3850	4900	5350	6150	6900	7650	9850	12250	15300	16000
150	2050	2550	3200	4100	4500	5100	5750	6400	8050	10200	12700	13300
180	1700	2150	2700	3400	3750	4250	4800	5350	6700	8500	10650	11950
200	1550	1950	2400	3100	3350	3850	4300	4800	6050	7650	9550	10400
230	1350	1700	2100	2700	2950	3350	3750	4200	5250	6650	8350	9550
250	1250	1550	1950	2450	2700	3100	3450	3850	4850	6150	7650	8000
300	1050	1300	1600	2050	2250	2550	2870	3200	4050	5100	6400	6850
350/356	875	1100	1400	1750	1950	2200	2450	2750	3450	4400	5500	6000
400/406	765	960	1200	1550	1700	1950	2150	2400	3050	3850	4800	5350
450/457	680	850	1100	1400	1500	1700	1950	2150	2700	3400	4250	4800
500/508	615	765	960	1250	1350	1550	1750	1950	2450	3100	3850	4000
600/610	510	640	800	1050	1150	1300	1450	1600	2050	2550	3200	3620
650/660	460	580	720	930	1010	1160	1300	1450	1820	2320	2900	

Grouping Schedule			
Product Type			Product Code Group
Cutting	Sort of product	Metal / Steel	★★★★
		Stainless steel (inox)	★★★★
		Marble / Stone	★★★★
Grinding		Metal / Steel	★★★★
			SRS

Instructions on the Cutting Disc Инструкции на отрезном диске



CUTTING AND GRINDING MATERIALS

Safety is an issue that should be prioritized and fully observed especially in use and maintenance of cutting and grinding stones. Misused stones may cause dangerous results. Relevant standards and warnings and precautions stipulated in User's Manual should be strictly observed in use of cutting and grinding stones. Standards are highly essential for safety. These control product use speed, machinery and equipment safety protection, flange assembly procedures, preventive rules during operation, pre use storage and preliminary inspection and finally general machine warnings.

Warnings

Warning 1: Misuse may cause breaking cutting and grinding stone and may result in severe injuries.

USE CUTTING and GRINDING STONE AT ROTATION SPEED STATED ON THE STONES AND ON RECOMMENDED MACHINES, DO NOT MISUSE OR DROP THE STONES. ALWAYS WEAR PROTECTIVE AND PERSONAL SAFETY EQUIPMENT AND COMPLY WITH ASSEMBLY PROCEDURES.

Warning 2: Dust arising from grinding or cutting process may damage the eyes and skin and cause serious respiratory diseases. High density of dust is caused by the material being cut, from the coolant and cutting and grinding stone. Keep safety and technical data of each material used in grinding or cutting process. Always ensure ventilation, dust control and personal safety equipment required for each process.

General Warnings and Remarks

Always use carefully and store cutting and grinding stones according to instructions. Visually inspect all stones before assembly and do not use broken or damaged products. Make sure that the machine speed does not exceed the maximum speed of use indicated on the stone or its packaging. Check that assembly flanges are of equal size, pressed at required strength and are of correct diameter (should have a diameter at least one third of the stone). Make sure the place the work is done is strongly supported and have settled onto the floor. Make sure the work piece is fixed to its position. Never remove the casings of the grinding motors. Operate the stones for one minute in normal operating speed with safety guards on before starting cutting or grinding process. Always wear protective glasses or safety equipment that covers your eyes during cutting and grinding process. Observe storage instructions strictly. Do not use stones that are dropped, damaged or manufactured defectively. Do not force the stone into the machine or change the size of the assembly hole, use a fitting stone if the stone does not fit to the machine. Never exceed maximum operating speed of the stone. Do not use assembly flanges on surfaces that are not clean, straight or free from burrs. Do not tighten assembly screw bolts more than necessary. Do not make grinding with cutting stones. Do not stand directly in front of a stone that has started cutting or grinding. Do not start cutting and grinding process without providing suitable ventilation and without personal protection gear. Do not use stones designed for Suitable Materials in cutting and grinding. Do not stuff into the workpiece of the stone. Never rotate, bend or tilt the cutting stone during cutting process. Do not perform cutting or grinding in a machine that vibrates excessively. Keep the stones away from moist and wet environments and do not store the stones. Resin bonded products have a shelf life of 3 years after its production. **OBSERVE THE RULES AND INSTRUCTIONS FOR YOUR SAFETY**

SAFETY PICTOGRAMS ПИКТОГРАММЫ БЕЗОПАСНОСТИ



Use protective gloves
Используйте рабочие перчатки



Use Mask
Используйте маску



Use goggles.
Используйте защитные очки.



Use Earpieces
Используйте наушники

MACHINE PICTOGRAMS ПИКТОГРАММЫ ОБОРУДОВАНИЯ



Portable Cutter
Портативный Резак



Portable Grinder
Портативный шлифовальный станок



Fixed Cutting Bench
Отрезной станок

MATERIAL PICTOGRAMS ПИКТОГРАММЫ МАТЕРИАЛОВ



Metal
Металл



Hard Metal
Твердый сплав



Stone
Камень



Granite
Гранит



Grinder
Абразив



Wood
Древесина



Casting
Отливка



Aluminum
Алюминий



Marble
Мрамор



Asphalt
Асфальт



PVC
ПВХ



Concrete
Бетон



Stainless Steel
Нержавеющая сталь



Rail
Рельс



Quartz Surface
Ceramic
Кварцовая
Поверхность



Porcelain
Фарфор



Flooring In Stone
Полы Камень

Grouping Schedule



RRA	RRB	RRT	RRU	RRF	RRP	RRH	RRZ	RRS	RRL	RRR	RRD	RRE	RRC
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Type														
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		RRA	RRB	RRT	RRU	RRF	RRP	RRH	RRZ	RRS	RRL	RRR	RRD	RRE	RRC
Aerated Concrete / Hebel Block		**	**	**	**	***	*	*	**	**	**	***	***	***	**
Asphalt/ Bitumen		*	*	*	*	***	***	***	*	*	*	***	**	***	*
Basalt (Bluestone)		**	**	**	**	***	**	**	**	**	**	***	***	***	**
Bricks Calsal		***	***	***	***	***	***	***	***	***	***	***	***	***	**
Bricks Clay Including Hard Pavers		**	**	**	**	***	*	*	**	**	**	***	***	***	**
Cement Render Screed		***	***	***	***	***	**	**	***	***	***	***	***	***	*
Ceramic Tiles		**	**	**	**	*	***	***	**	**	**	*	***	***	**
Concrete Block, Paver, Brick		***	***	***	***	***	**	**	***	***	***	***	***	***	*
Concrete Cured Reinforced		*	*	*	*	***	*	*	*	*	*	***	**	***	**
Concrete Green (Abrasive)		***	***	***	***	***	***	***	***	***	***	***	***	***	*
Concrete Roof Tile		***	***	***	***	***	**	**	***	***	***	***	***	***	*
Engineered Stone		***	***	***	***	***	**	**	***	***	***	***	***	***	*
Fibre Cement Sheet		**	**	**	**	***	*	*	**	**	**	***	***	***	*
Fibreglass		*	*	*	*	*	**	**	*	*	*	*	**	***	**
Glass		*	*	*	*	*	*	*	*	*	*	*	**	**	***
Granite		***	***	***	***	***	**	**	***	***	***	***	***	***	**
Limestone		***	***	***	***	***	**	**	***	***	***	***	***	***	**
Marble		***	***	***	***	*	***	***	***	***	***	*	***	***	**
Mortar joints		***	***	***	***	***	**	**	***	***	***	***	***	***	**
Porcelain		*	*	*	*	*	***	***	*	*	*	*	**	***	***
Sandstone		***	***	***	***	***	**	**	***	***	***	***	***	***	*
Slate		***	***	***	***	***	**	**	***	***	***	***	***	***	*