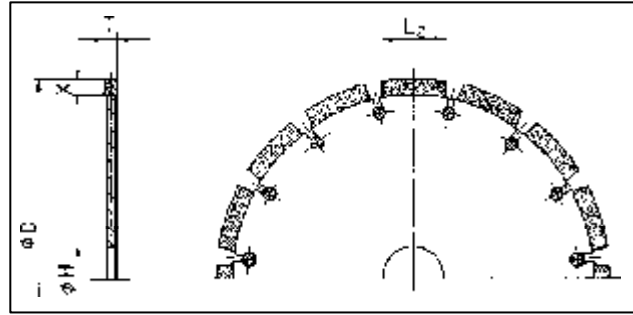


**Segmented design**

**Bronze bond:**

- Type 34SG:** specially for safety glass
- Type 34E:** close-segment design



**Type 34SG**

An interrupted rim is necessary for certain applications, e.g. to improve chip removal and to improve the supply of coolant.

This range of diamond sawblades is mainly used for cutting laminated glass with plastic insert layers.

**Type 34SG with low-noise steel cores (DLN-N)**

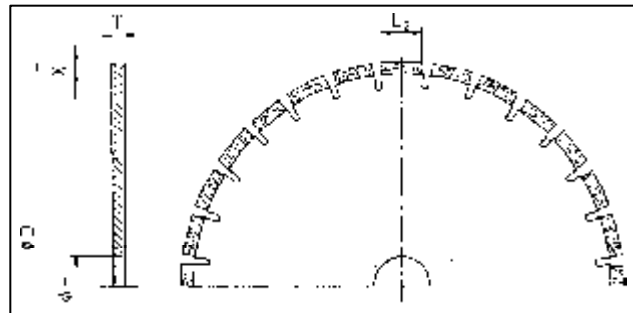
FEPA designation	Catalog & Orderno.	Diameter D mm	Segment length L <sub>2</sub> mm	Cutting width T mm	Segment height X <sub>1</sub> mm	Layer depth X mm	Core thickness E mm	No. of segments	Bore H mm	Type
1A1RSS	34SG-N-DLN	300	40	2.8	10	10	1.8	21	50	BZ339A2DK120
1A1RSS	34SG-N-DLN	350	40	2.8	10	10	2.2	25	50	
1A1RSS	34SG-N-DLN	350	40	3.2	10	10	2.5	25	50	
1A1RSS	34SG-N-DLN	400	40	3.6	10	10	2.8	28	60	
1A1RSS	34SG-N-DLN	500	40	3.6	10	10	2.2	36	50	

**Order example for Ø 400 mm sawblade**

34SG-N-DLN - 400 - 40 - 3.6 - 10 - 10 - 2.5 - 28 - 60 - Type
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**Type 34E**

The 34E blade type has proven itself over many years, and is mainly used for cutting thick glass, ceramics, quartz glass and precious stones.

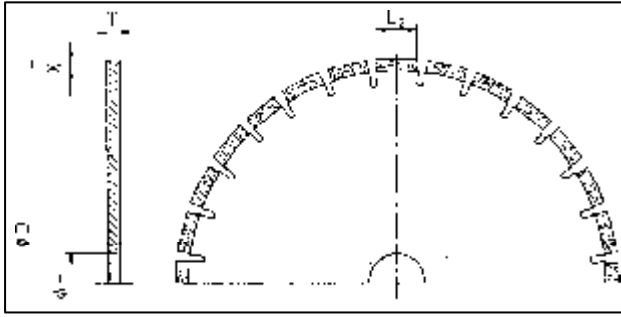


FEPA designation	Catalog & Orderno.	Diameter D mm	Segment length L <sub>2</sub> mm	Cutting width T mm	Segment length X <sub>1</sub> mm**)	Layer depth X mm 5 7 10	Core thickness E mm	No. of segments	Bore H mm	Type
1A1RSS	34E-E	200	40	2.4	5	5	1.3	13	Optional	BZ339A04K120
1A1RSS	34E-E	250	40	2.4	5	5	1.3	17		
1A1RSS	34E-E	300	40	2.4	5	5	1.8	21		
1A1RSS	34E-E	300	40	2.8	5	5	1.8	21		
1A1RSS	34E-E	350	40	2.8	5	5	2.2	25		
1A1RSS	34E-E	400	40	3.2	5	5	2.5	28		

**Order example for Ø 400 mm sawblade**

34E-E - 400 - 40 - 3.2 - 5 - 5 - 2.5 - 28 - H - Type
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**Type selection:** in order to ensure optimal specification of the blade, it is advisable to give us details of your application.



**Ausführung 34E**

The proven diamond sawblade design type 34OG is mainly used for machining optical glass.

This type is appropriate for achievement of good radial and axial runout and small cutting widths.

FEPA designation	Catalog & Orderno.	Diameter D mm	Segment length L <sub>2</sub> mm	Cutting width T mm	Segment length X <sub>1</sub> mm**)	Layer depth X mm	Core thickness E mm	No. of segments	Bore H mm	Type
						5 7 10				
1A1RSS	34OG-E	300	40	1.8	5	5	1.3	21	Optional	BZ339A04K120
1A1RSS	34OG-E	350	40	1.8	5	5	1.3	25		
1A1RSS	34OG-E	400	40	1.8	5	5	1.3	28		
1A1RSS	34OG-E	450	40	1.8	5	5	1.3	32		
1A1RSS	34OG-E	500	40	1.8	5	5	1.3	36		
1A1RSS	34OG-E	600	40	2.8	5	5	2	42		
1A1RSS	34OG-E	700	40	2.8	5	5	2	50		
1A1RSS	34OG-E	800	40	2.8	5	5	2	57		

Order example for Ø 400 mm sawblade

34OG-E	-	400	-	40	-	1.8	-	5	-	5	-	1.3	-	28	-	H	-	Type
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**Type selection:** in order to ensure optimal specification of the blade, it is advisable to give us details of your application.