







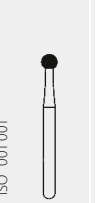
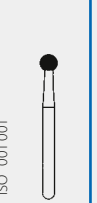

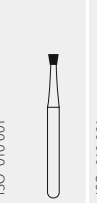






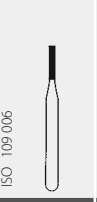
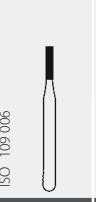


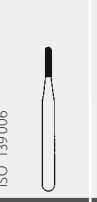

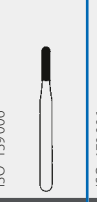










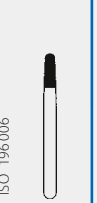

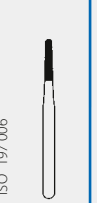



CARBIDE INSTRUMENTS

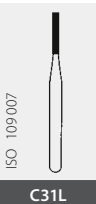






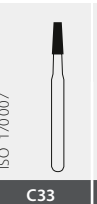
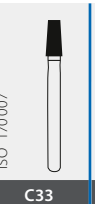


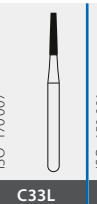



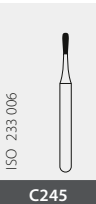
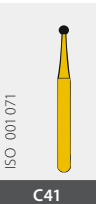

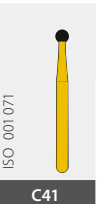
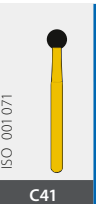
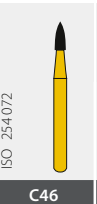
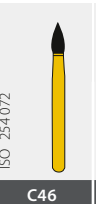
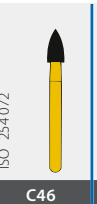
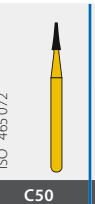
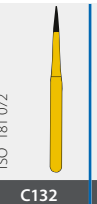
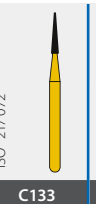
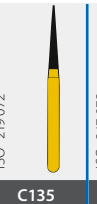

# ROTA DIATECH



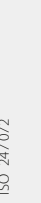




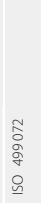

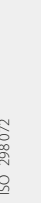




													
Fig.	C1	C1	C1	C1	C1	C1	C1	C1	C1	C1	C2	C2	C2
ISO Ø 1/10 mm	005	006	008	010	012	014	016	018	021	023	012	014	016
Head L in mm											1.4	1.4	1.8
US.	1/4	1/2	1	2	3	4	5	6	7	8	36	37	38
FG 5 pcs	235000AA	235001AA	235002AA	235003AA	235004AA	235005AA	235006AA	235007AA	235008AA	235009AA	235016AA	235017AA	235018AA
FG 10 pcs		235501AA			235504AA								
RA 5 pcs		235148AA	235149AA	235150AA	235151AA	235152AA	235153AA	235154AA	235179AA	235155AA			
RA 10 pcs		235648AA		235650AA	235651AA	235652AA	235653AA	235654AA	235679AA	235655AA			
FGXL 1 pc		235144AA		235145AA									










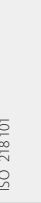




													
Fig.	C7	C7	C7	C7	C7L	C21	C21	C21	C21L	C21R	C21R	C21R	C23
ISO Ø 1/10 mm	006	008	010	012	010	009	010	012	010	009	010	012	008
Head L in mm	2	2	2	2	4.5	4	4.4	4.5	5	4	4.4	4.5	4
US.	329	330	331	332	331L	56	57	58	57L	1156	1157	1158	168
FG 5 pcs	235101AA	235102AA	235103AA	235104AA	235105AA	235022AA	235023AA	235024AA	235027AA	235028AA	235029AA	235030AA	235031AA
FG 10 pcs		235602AA				235522AA	235523AA				235529AA		

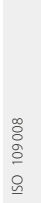

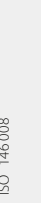






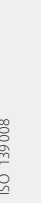




													
Fig.	C23	C23	C23L	C23L	C23L	C23R	C23R	C23R	C23RL	C23RL	C31	C31	C31
ISO Ø 1/10 mm	010	012	009	010	012	010	012	016	010	012	009	010	012
Head L in mm	4.5	4.5	5.5	5.7	5.7	4.5	4.5	4.5	5.8	5.8	4	4.5	4.5
US.	170	171	169L	170L	171L	1170	1171	1172	1170L	1171L	556	557	558
FG 5 pcs	235033AA	235034AA	235036AA	235037AA	235038AA	235040AA	235041AA	235042AA	235044AA	235045AA	235166AA	235167AA	235060AA
FG 10 pcs													
RA 5 pcs													
FGXL 1 pc													



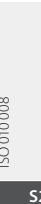











													
Fig.	C31L	C31R	C31R	C31R	C33	C33	C33	C33	C33	C33L	C33L	C33L	C207
ISO Ø 1/10 mm	009	009	010	012	009	010	012	016	021	009	010	012	010
Head L in mm	5.5	4	4	4.5	4	4	4.5	4.5	5	5.5	5.5	5.5	
US.	556L	1556	1557	1558	699	700	701	702	703	699L	700L	701L	957
FG 5 pcs	235063AA	235066AA	235067AA	235068AA	235069AA	235070AA	235071AA	235072AA	235073AA	235074AA	235075AA	235076AA	235021AA
FG 10 pcs													
RA 5 pcs						235170AA							
FGSS 5 pcs													
FGSS 10 pcs													


													
Fig.	C245	C41	C41	C41	C41	C46	C46	C46	C50	C132	C133	C135	C246
ISO Ø 1/10 mm	008	012	014	018	027	014	018	023	012	009	010	014	009
Head L in mm	3	F	F	F	F	3.5F	4F	4.5F	4F	3.5F	5.5F	8.5F	4F
US.	245	7003	7004	7006	7009	7104	7106	7108	7103	7114	7214	7714	7901
FG 5 pcs	235046AA	235089AA	235090AA	235091AA	235093AA	235094AA	235095AA	235096AA	235100AA	235010AA	235011AA	235012AA	235047AA
FG 10 pcs											23511AA		

														
Fig.	C246	C246	C247	C247	C247	C282K	C375R	C375R	C378	C378	C378	C379	C379	C379
ISO Ø	010	012	009	010	012	016	010	016	014	016	018	014	018	023
Head	4.5F	4.5F	3.5F	3.5F	3.5F	8.5F	6.5F	8F	9.5F	9.5F	9F	3.5F	4F	4F
US.	7902	7903	7801	7802	7803	7283	7642	7664	7204	7205	7206	7404	7406	7408
FG 5 pcs	235048AA	235049AA	235050AA	235051AA	235052AA	235056AA	235078AA	235079AA	235082AA	235083AA	235084AA	235085AA	235086AA	235087AA
FG 10 pcs			235550AA										235586AA	
RA 5 pcs														
RA 10 pcs														
FGXL 1 pc														

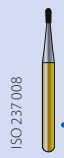
														
Fig.	CF41	CF41	CF135	CF246	CF246	CF375	CF379	CC17	CC17	CX21R	CX21R	CX23R	CX23R	CC31L
ISO Ø	018	023	014	012	014	010	018	010	012	010	012	010	012	010
Head	XF	XF	8.5XF	5.5XF	5.5XF	5.5XF	4XF	2	2	4.5	4.3	4.3	4.3	4.5
US.	9006	9008	9714	9903	9904	9214	9406	1931	1932	2157	2158	2170	2171	2057
FG 5 pcs	235137AA	235138AA	235126AA	235128AA	235129AA	235133AA	235135AA	235109AA	235110AA	235140AA	235141AA	235142AA	235143AA	235112AA
FG 10 pcs														

														
Fig.	CC31L	CC31R	CC31RL	CC36R	CC36R	CC36R	CC36RL	CE	CE	CE	S1	S1	S1	S1
ISO Ø	012	008	012	009	010	012	012	014	016	016	010	014	018	023
Head	4.5	3.5	4.5	4.5	4.5	4.5	5.5	8.8	10	11				
US.	2058	1945	1946	1956	1957	1958	1958L	152EZ	199Z	151Z	2G	4G	6G	8G
FG 5 pcs	235113AA	235114AA	235115AA	235122AA	235123AA	235124AA	235125AA	235177AA			237000AA	237001AA	237002AA	237003AA
FG 10 pcs											237100AA	237101AA	237102AA	237103AA
RA 5 pcs														
FGXL 1 pc									235186AA	235187AA				

														
Fig.	S2	S2	S2	S3	S3	S3	S4	S4	S4	S5	S5	S6	S6	S379
ISO Ø	008	010	014	008	008	010	009	010	012	010	012	012	016	023
Head	1	1	1.4	2	3	2	4	4	4	4	4	4	4	4
US.	34G	35G	37G	330G	245G	331G	556G	557G	558G	1557G	1558G	701G	702G	379
FG 5 pcs	237004AA	237005AA	237006AA	237007AA	237009AA	237008AA	237010AA	237011AA	237012AA	237013AA	237014AA	237015AA	237016AA	237023AA
FG 10 pcs	237104AA	237105AA	237106AA	237107AA	237109AA	237108AA	237110AA	237111AA	237112AA	237113AA	237114AA	237115AA	237116AA	
RA 5 pcs														
FGSS 5 pcs				237017AA		237018AA		237020AA		237021AA	237022AA			
FGSS 10 pcs											237122AA			

								
Fig.	S847	S847	S847	S847	S856	S856	S856	S856
ISO Ø	012	014	016	018	012	014	016	018
Head	8	8	8	8	8	8	8	8
US.	847	847	847	847	856	856	856	856
FG 5 pcs	237030AA	237031AA	237024AA	237025AA	237028AA	237029AA	237026AA	237027AA
FG 10 pcs								

## Order information



ISO number (shape, blades) —————

Head shape —————

Head diameter in 1/10 mm —————

Head length —————

Further shank types and packaging sizes available —————

Fig.	S3
ISO Ø 1/10 mm	008
Head L in mm	2
US.	330G
FG 5 pcs	237007AA
FG 10 pcs	237107AA
RA 5 pcs	237017AA

Full size illustration 1:1 —————

US No. —————

Order numbers —————

## Head shapes

Head shape	Description	Head shape	Description	Head shape	Description
<b>OPERATIVE BURS (6-8 BLADED)</b>		<b>TRIMMING AND FINISHING BURS (12 BLADED)</b>		<b>CROSS CUT BURS</b>	
C1	Round	C41	Round	CC17	Pear Cross Cut
C2	Inverted Cone	C46	Bud	CX21R	Round End Cylinder Cross Cut
C7	Pear	C50	Interproximal	CX23R	Round End Taper Cross Cut
C7L	Pear Long	C132	Side Cutting Taper	CC31L	Cylinder Long Cross Cut
C21	Cylinder	C133	Side Cutting Taper	CC31R	Cylinder Convex End Cross Cut
C21L	Cylinder Long	C135	Side Cutting Taper	CC31RL	Cylinder Convex End Long Cross Cut
C21R	Round End Cylinder	C246	Needle	CC36R	Round End Cylinder Cross Cut
C23	Flat End Taper	C247	Grenade	CC36RL	Round End Cylinder Long Cross Cut
C23L	Flat End Taper Long	C282K	Tapered Torpedo	<b>ENDO ACCESS BURS</b>	
C23R	Round End Taper	C375R	Round End Taper	CE	Endo Access Taper
C23RL	Round End Taper Long	C378	Flat End Taper	<b>SPEEDSTER</b>	
C31	Cylinder Cross Cut	C379	Egg	S1	Round Cross Cut
C31L	Cylinder Long Cross Cut	<b>FINE FINISHING BURS (30 BLADED)</b>		S2	Inverted Cone Cross Cut
C31R	Round End Cylinder Cross Cut	CF41	Round	S3	Pear Cross Cut
C33	Flat End Taper Cross Cut	CF135	Side Cutting Taper	S4	Cylinder Cross Cut
C33L	Flat End Taper Long Cross Cut	CF246	Needle	S5	Round End Cylinder Cross Cut
C207	End Cutting Cylinder	CF375	Side Cutting Taper	S6	Flat End Taper Cross Cut
C245	Pear	CF379	Egg	S379	Egg Cross Cut
				S847	Flat End Taper Cross Cut
				S856	Round End Taper Long Cross Cut

## Recommended Speed Ranges

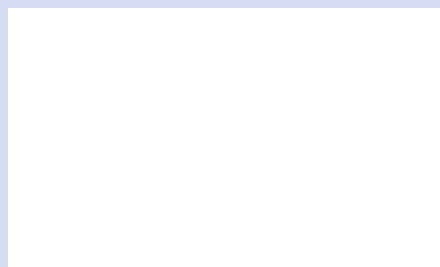
Head diameter in 1/10 mm	RPM
005-008	40.000-80.000
009-010	30.000-60.000
012-014	24.000-48.000
016-018	19.000-37.000
021-023	15.000-30.000
025-027	13.000-26.000

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