

OPERATIVE CARBIDES

	C33R	Diameter (mm)	1.0	1.2	1.6							
		Length (mm)	4.1	4.1	4.5							
	Shank Type	US No.	1700	1701	1702							
	ISO No.											
	FG (19mm)	500 314 194 007	010	012	016							
	FGXL (25mm)	500 316 194 007		012	016							
	RA (22mm)	500 204 194 007	010	012	016							
	C207	Diameter (mm)	1.0	1.2								
		Length (mm)	5.3	5.3								
	Shank Type	US No.	957	958								
	ISO No.											
	FG (19mm)	500 314 150 001	010	012								
	FGXL (25mm)	500 316 150 001	010	012								
			Diameter (mm)	1.0	1.2							
			Length (mm)	4.0	4.0							
Shank Type		US No.	2057	2058								
ISO No.												
FGSS (16.5mm)		500 313 107 019	010									
FG (19mm)		500 314 107 019	010	012								

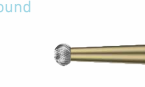
SPECIALTY CARBIDES

	C31RX	Diameter (mm)	1.0	1.2								
		Length (mm)	4.0	4.0								
	Shank Type	US No.	2157	2158								
	ISO No.											
	FG (19mm)	500 314 139 019	010	012								
	C17	Diameter (mm)	0.8	1.0								
		Length (mm)	1.7	2.0								
	Shank Type	US No.	1930	1931								
	ISO No.											
	FG (19mm)	500 314 138 008	008	010								
	C36R	Diameter (mm)	1.0	1.2								
		Length (mm)	4.0	4.0								
	Shank Type	US No.	1957	1958								
	ISO No.											
	FG (19mm)	500 314 137 008	010	012								
	C1SQ	Diameter (mm)	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3		
		Length (mm)	/	/	/	/	/	/	/	/		
	Shank Type	US No.	15Q	25Q	35Q	45Q	55Q	65Q	75Q	85Q		
	ISO No.											
	FGXL (25mm)	500 316 001 002	008	010	012	014	016	018				
	RA (22mm)	500 204 001 002	008	010	012	014	016	018	021	023		
	C151	Diameter (mm)	1.6									
		Length (mm)	10.0									
	Shank Type	US No.	151									
	ISO No.											
	FGL (23mm)	500 315 199 295	016									
	FGXL (25mm)	500 316 199 295	016									
	FGXXL (28mm)	500 317 199 295	016									
	C161	Diameter (mm)	1.6									
		Length (mm)	8.0									
	Shank Type	US No.	161									
	ISO No.											
	FGXL (25mm)	500 316 408 295	016									
	FGXXL (28mm)	500 317 408 295	016									
	RA (22mm)	500 204 408 295	016									
	RAL (26mm)	500 205 408 295	016									
	HP (44.5mm)	500 104 408 295	016									
	C166	Diameter (mm)	2.1									
		Length (mm)	8.0									
	Shank Type	US No.	166									
	ISO No.											
	RA (22mm)	500 204 409 297	021									
	RAL (26mm)	500 205 409 297	021									
	HP (44.5mm)	500 104 409 297	021									
	C267	Diameter (mm)	1.6									
		Length (mm)	9.0									
	Shank Type	US No.	267									
	ISO No.											
	FGXL (25mm)	500 316 210 295	016									
	FGXXL (28mm)	500 317 210 295	016									
	C254E	Diameter (mm)	1.2									
		Length (mm)	8.0									
	Shank Type	US No.	254E									
	ISO No.											
	FGXL (25mm)	500 316 415 298	012									
	FGXXL (28mm)	500 317 415 298	012									

SPECIALTY CARBIDES

	C162A	Diameter (mm)	1.6									
		Length (mm)	8.0									
	Shank Type	US No.	162A									
	ISO No.											
	FGXL (25mm)	500 316 408 298	016									
	FGXXL (28mm)	500 317 408 298	016									
	RA (22mm)	500 204 408 298	016									
	RAL (26mm)	500 205 408 298	016									
	HP (44.5mm)	500 104 408 298	016									

TRIMMING&FINISHING CARBIDES

	C41	Diameter (mm)	1.4	1.6	1.8	2.3	2.5	1.4	1.8	2.3				
		Length (mm)	/	/	/	/	/	/	/	/				
		Shank Type	ISO No.	US No.	7004	7005	7006	7008	7009	9004	9006	9008		
FG			500 314 001 071	014	016	018	023	025	014	018	023			
	C46	Diameter (mm)	1.4	1.8	2.3									
		Length (mm)	3.3	3.7	4.2									
		Shank Type	ISO No.	US No.	7104	7106	7108							
FG			500 314 254 072	014	018	023								
	C48L	Diameter (mm)	1.0	1.2										
		Length (mm)	8.0	8.0										
		Shank Type	ISO No.	US No.	48L-010	48L-012								
FG			500 315 249 072	010	012									
	C132-135	FIG.	132	134	135	132	133	134	135	134	135			
		Diameter (mm)	0.9	1.0	1.4	0.8	1.0	1.4	1.4	1.0	1.4			
		Length (mm)	2.9	5.1	9.0	3.0	4.0	5.8	8.7	5.1	9.0			
		Shank Type	ISO No.	US No.	7114	7214	7714	7610	7611	7612	7613	9214	9714	
		FG			500 314 215 072	009	010	016	008	010	014	014	010	016
	C246	Diameter (mm)	0.9	1.0	1.2	1.2	1.4							
		Length (mm)	3.7	3.7	3.7	4.9	4.9							
		Shank Type	ISO No.	US No.	7901	7902	7903	9903	9904					
FG			500 314 496 071	009	010	012	012	014						
	C247	Diameter (mm)	0.8	1.0	1.2	1.2								
		Length (mm)	3.5	3.5	4.0	4.0								
		Shank Type	ISO No.	US No.	7801	7802	7803	9803						
FG			500 314 195 071	008	010	012	012							
	C282-284	Diameter (mm)	1.0	1.2	1.4					C297	Diameter (mm)	1.2		
		Length (mm)	6.0	8.0	10.0						Length (mm)	8.0		
		Shank Type	ISO No.	US No.	282						283	284	ISO No.	US No.
FG			500 314 284 072	010	012	014	FG			500 314 158 072	012			
	C375R	Diameter (mm)	1.0	1.2	1.4	1.6	1.8	1.0						
		Length (mm)	6.0	8.0	8.0	8.0	8.0	6.0						
		Shank Type	ISO No.	US No.	7642	7653	7664	7675	7686	9642				
FG			500 314 198 072	010	012	014	016	018	010					
	C378	Diameter (mm)	1.4	1.6	1.8						Diameter (mm)	1.6		
		Length (mm)	9.5	9.5	9.5						Length (mm)	9.9		
		Shank Type	ISO No.	US No.	7204						7205	7206	Shank Type	ISO No.
FG			500 315 184 072	014	016	018	FG			500 314 299 072	016			
	C379	Diameter (mm)	1.4	1.8	2.3	1.8								
		Length (mm)	3.3	3.7	4.2	3.7								
		Shank Type	ISO No.	US No.	7404	7406	7408	9406						
FG			500 314 277 072	014	018	023	018							



ABOUT US

Shenzhen Jinzhou Precision Technology Co., Ltd., established in 1986, is a world-leading enterprise in micro tungsten carbide precision tools, capable of mass-producing the world's thinnest 0.01mm tungsten carbide drill bits. The company has been recognized as one of the first batch of National Manufacturing Champion in 2016, awarded the Second Prize of the National Science and Technology Progress Award in 2019, and listed as a National "Smart Manufacturing Demonstration Factory" in 2023. Jinzhou specializes in the R&D and manufacturing of tungsten carbide tools. Its registered brand "Denburs" is dedicated to dental burs, striving to become a trusted partner in the dental instrument industry.

Equipped with hundreds of high-precision grinding machines and a professional R&D team, Jinzhou maintains close collaboration with numerous hospitals and industry experts. This enables full-process control from design and production to finished products, resulting in burs with superior quality and excellent clinical performance.

Denburs tungsten carbide burs offer a complete range of specifications, combining sharpness, durability, and stable, reliable quality. All products are certified with international standards such as ISO and FDA, complying with medical safety regulations worldwide, and providing customers with safe and dependable professional assurance.

Advanced Dental Solution Professional Dental Care



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	C1	Diameter (mm)	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5
		Length (mm)	/	/	/	/	/	/	/	/	/	/	/
	Shank Type	US No.	1/4	1/2	1	2	3	4	5	6	7	8	9
	ISO No.												
FGSS (16.5mm)	500 313 001 001	005	006	008	010	012	014	016					
FG (19mm)	500 314 001 001	005	006	008	010	012	014	016	018	021	023	025	
FGL (21mm)	500 315 001 001	005	006	008	010	012	014	016					
FGXL (25mm)	500 316 001 001	005	006	008	010	012	014	016	018	021	023	025	
FGXXL (32mm)	500 318 001 001		006	008	010	012	014	016					
RA (22mm)	500 204 001 001	005	006	008	010	012	014	016	018	021	023		
RAL (26mm)	500 205 001 001			008	010	012	014	016	018	021	023		
RAXL (34mm)	500 206 001 001	005	006	008	010	012	014	016	018	021	023		

Round	C1S	Diameter (mm)	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3			
		Length (mm)	/	/	/	/	/	/	/	/			
	Shank Type	US No.		1S	2S	3S	4S	5S	6S	7S	8S		
	ISO No.												
	FG (19mm)	500 314 001 003	008	010	012	014	016	018	021	023			
	RA (22mm)	500 204 001 003	008	010	012	014	016	018	021	023			
	RAL (26mm)	500 205 001 003				014		018		023			
	RAXL (34mm)	500 206 001 003				014		018		023			

Round	C1L	Diameter (mm)	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3			
		Length (mm)	/	/	/	/	/	/	/	/			
	Shank Type	US No.		1L	2L	3L	4L	5L	6L	7L	8L		
	ISO No.												
	RA (22mm)	500 204 001 001	008	010	012	014	016	018	021	023			

Inverted Cone	C2	Diameter (mm)	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3		
		Length (mm)	0.6	0.7	0.9	1.1	1.2	1.3	1.4	1.8	2.2		
	Shank Type	US No.		33 1/2	34	35	36	37	38	39	40	41	
	ISO No.												
	FGSS (16.5mm)	500 313 010 001	006	008	010								
	FG (19mm)	500 314 010 001	006	008	010	012	014	016	018	021			
	RA (22mm)	500 204 010 001	006	008	010	012	014	016	018	021	023		

Pear	C7	Diameter (mm)	0.6	0.8	1.0	1.2	1.4						
		Length (mm)	1.6	1.7	1.8	1.9	2.2						
	Shank Type	US No.		329	330	331	332	333					
	ISO No.												
	FGSS (16.5mm)	500 313 237 006		008	010	012							
	FG (19mm)	500 314 237 006	006	008	010	012	014						
	FGL (21mm)	500 315 237 006		008	010	012							
	RA (22mm)	500 204 237 006		008									

Long Pear	C7L	Diameter (mm)	0.8	1.0	1.2								
		Length (mm)	3.8	4.0	4.2								
	Shank Type	US No.		330L	331L	332L							
	ISO No.												
	FGL (21mm)	500 315 238 006	008	010	012								

Amalgam Prep	C245	Diameter (mm)	0.9	1.2	0.9								
		Length (mm)	3.2	4.5	3.2								
	Shank Type	US No.		245	246	256							
	ISO No.												
	FGSS (16.5mm)	500 313 233 006	009										
	FG (19mm)	500 314 233 006	009	012	009								
	RA (22mm)	500 204 233 006	009	012	009								

Straight Flat End Fissure	C21	Diameter (mm)	0.8	0.9	1.0	1.2	1.4	1.6	1.8				
		Length (mm)	3.6	3.8	4.1	4.1	4.5	4.5	4.8				
	Shank Type	US No.		56	56	57	58	59	60	61			
	ISO No.												
	FGSS (16.5mm)	500 313 107 006		009	010								
	FG (19mm)	500 314 107 006	008	009	010	012	014	016					
	FGXL (25mm)	500 316 107 006		009	010	012	014	016					
	RA (22mm)	500 204 107 006	008	009	010	012		016	018				

Straight Flat End Fissure	C21L	Diameter (mm)	0.8	1.0	1.2	1.4	1.6						
		Length (mm)	5.2	5.2	5.2	5.2	5.2						
	Shank Type	US No.		56L	57L	58L	59L	60L					
	ISO No.												
	FGL (21mm)	500 315 110 006	008	010									
	FGXL (25mm)	500 316 110 006		010	012	014	016						
	RA (22mm)	500 204 110 006		010									

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Straight Round End Fissure	C21R	Diameter (mm)	0.8	1.0	1.2	1.4	1.6						
		Length (mm)	3.6	4.1	4.1	4.5	4.5						
	Shank Type	US No.		1156	1157	1158	1159	1160					
	ISO No.												
	FGSS (16.5mm)	500 313 137 006		010									
	FG (19mm)	500 314 137 006	008	010	012	014	016						
	RA (22mm)	500 204 137 006	008	010	012	014	016						

Taper Flat End Fissure	C23	Diameter (mm)	0.8	0.9	1.0	1.2	1.6						
		Length (mm)	3.6	3.8	4.1	4.1	4.5						
	Shank Type	US No.		168	169	170	171	172					
	ISO No.												
	FGSS (16.5mm)	500 313 168 006		009									
	FG (19mm)	500 314 168 006	008	009	010	012	016						
	FGXL (25mm)	500 316 168 006			010	012	016						
	RA (22mm)	500 204 168 006			010	012	016						

Taper Flat End Fissure	C23L	Diameter (mm)	0.9	1.0	1.2								
		Length (mm)	5.2	5.2	5.2								
	Shank Type	US No.		169L	170L	171L							
	ISO No.												
	FGL (21mm)	500 315 170 006	009	010	012								
	RA (22mm)	500 204 170 006	009	010	012								

Taper Round End Fissure	C23R	Diameter (mm)	0.9	1.0	1.2	1.6							
		Length (mm)	3.8	4.1	4.1	4.5							
	Shank Type	US No.		1169	1170	1171	1172						
	ISO No.												
	FG (19mm)	500 314 194 006	009	010	012	016							
	RA (22mm)	500 204 194 006	009	010	012	016							

Straight Flat End Crosscut Fissure	C31	Diameter (mm)	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.1			
		Length (mm)	3.6	3.8	4.1	4.1	4.5	4.5	4.8	4.8			</