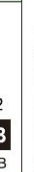
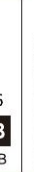
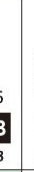
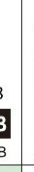
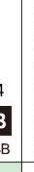
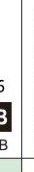
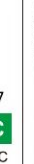
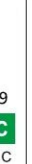
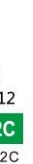
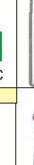
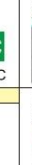
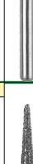
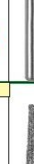
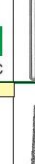
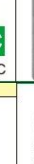
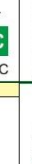
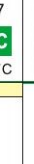
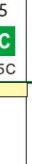
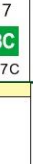
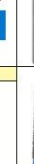
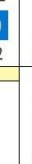
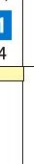
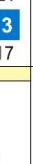
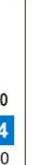
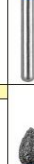
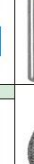
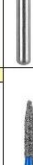
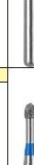
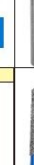
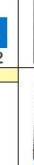
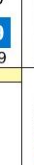
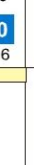
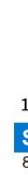
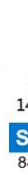
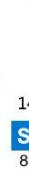
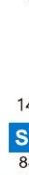
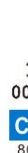
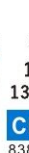
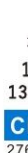
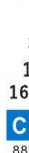
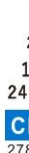
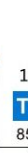


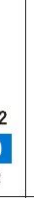
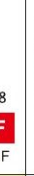
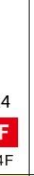
Extra Coarse FG SHANK 150-183µm										
	10.0 22.2 166/014 TC-10B 859L-014B	10.0 22.0 166/016 TC-11B 859-016B	10.0 22.0 166/014 TC-12B 859-014B	10.0 22.0 166/017 TC-13B 859-017B	8.0 20.3 165/014 TC-20B 858-014B	8.0 22.0 165/016 TC-21B 858-016B	8.0 22.0 165/019 TC-23B 859-019B	6.0 21.0 164/012 TC-26B 857-012B	10.0 24.0 173/014 TF-10B 848-014B	10.0 24.0 173/014 TF-11B 848-014B
										
	10.0 21.9 173/016 TF-12B 848-016B	10.0 21.7 173/018 TF-13B 848-018B	9.2 21.8 172/025 TF-14B 848-025B	10.3 22.5 173/021 TF-15B 848-021B	10.2 22.2 173/019 TF-16B 848-019B	10.2 22.0 173/020 TF-17B 848-020B	8.0 20.0 172/015 TF-18B 847-015B	8.3 20.3 172/017 TF-19B 847-017B	6.8 21.0 171/016 TF-20B 846-016B	6.7 21.0 171/018 TF-21B 846-018B
										
	10.0 22.0 199/016 TR-10B 850-016B	10.0 21.8 199/017 TR-11B 850-017B	10.0 21.9 199/018 TR-12B 850-018B	8.8 21.9 198/020 TR-13B 856-020B	9.3 22.0 198/024 TR-14B 856-024B	11.5 23.8 200/023 TR-15B 850-023B	11.5 23.8 200/024 TR-19B 850-024B	6.7 21.0 197/015 TR-20B 855-015B	6.7 21.2 197/016 TR-21B 855-016B	7.8 19.3 198/016 TR-23B 856-016B
										
	8.8 21.8 199/020 TR-26B 856-020B	9.0 22.0 198/016 TR-29B 856-016B	7.8 19.5 198/018 TR-30B 856-018B	6.7 20.0 197/018 TR-62B 856-018B	2.5 19.1 002/016 BC-42B 802-016B	2.0 19.2 001/023 BR-29B 801-023B	2.3 19.1 001/025 BR-30B 801-025B	1.8 19.1 001/020 BR-31B 801-020B	1.7 19.1 001/018 BR-40B 801-018B	1.5 19.0 001/016 BR-41B 801-016B
										
	1.3 19.1 001/014 BR-46B 801-014B	0.9 19.0 001/010 BR-49B 801-010B	9.2 21.2 298/017 CF-22B 878K-017B	8.0 22.4 298/018 CF-28B 878-018B	7.6 24.1 552/018 EX-09B 909-018B	7.3 24.2 552/022 EX-10B 909-022B	5.0 19.2 039/034 EX-11B 811-034B	7.0 20.1 039/036 EX-12B 811-036B	5.0 19.0 237/024 EX-21B 830RL-024B	9.0 24.1 220/019 EX-24B 878KP-019B
										
	5.0 19.1 237/034 EX-26B 830RL-034B	7.0 21.5 519/019 EX-27B 6055-019B	8.0 21.5 519/020 EX-28B 6055-020B	9.5 21.3 520/021 EX-29B 6055-021B	4.1 19.2 237/016 EX-31B 830-016B	10.0 22.3 250/017 FO-10B 863-017B	10.0 24.0 250/015 FO-11B 863-015B	10.0 22.2 250/014 FO-12B 863-014B	10.0 22.1 250/016 FO-13B 863-016B	10.3 22.3 250/019 FO-14B 863-019B
										
	8.0 21.4 249/015 FO-16B 862-015B	6.8 20.9 248/016 FO-21B 862-016B	6.8 21.0 249/018 FO-22B 862-018B	5.0 19.1 257/030 FO-25B 368-030B	5.0 19.0 257/034 FO-27B 368-034B	5.0 19.0 257/024 FO-28B 368-024B	4.5 19.2 257/021 FO-29B 368-021B	3.0 19.4 257/018 FO-30B 368-018B	3.5 19.6 257/020 FO-32B 368-020B	9.5 21.0 551/019 FO-54B 851-019B
										
	8.0 22.0 111/012 SF-10B 837-012B	8.0 22.1 111/014 SF-11B 837-014B	8.0 22.1 111/016 SF-12B 837-016B	7.8 22.2 111/018 SF-13B 837-018B	8.2 22.2 111/020 SF-14B 837-020B	6.8 21.0 110/016 SF-21B 836-016B	6.0 19.3 110/013 SF-22B 836-013B	7.8 21.2 111/020 SF-23B 836-020B	6.2 21.0 110/018 SF-24B 836-018B	4.3 19.5 109/015 SF-30B 835-015B
										
	3.5 19.5 109/010 SI-45B 835-010B	4.0 19.0 109/013 SI-46B 835-013B	1.8 19.3 010/012 SI-47B 805-012B	1.2 19.0 010/014 SI-48B 805-014B	1.7 19.1 010/016 SI-49B 805-016B	1.7 19.0 010/018 SI-50B 805-018B	1.8 19.0 010/020 SI-50B 805-020B	2.5 19.7 010/025 SI-50B 805-025B	10.2 22.2 131/016 SI-50B 886-016B	6.0 21.0 248/013 SI-50B 877-013B
										
	5.8 21.0 222/012 SO-20B 885-012B	7.5 22.2 141/013 SO-21B 881-013B	7.8 22.2 140/014 SO-21B 881-014B	8.0 22.2 141/016 SO-21B 881-016B	8.1 22.2 141/018 SO-21B 881-018B	0.9 19.0 041/028 SO-21B 825-028B	0.9 19.3 041/044 SO-21B 825-044B	1.6 19.4 068/042 SO-21B 909-042B	2.0 19.3 068/044 SO-21B 909-044B	3.3 19.2 019/016 SO-21B 806-016B
										
	5.8 21.0 222/012 SR-10B 885-012B	7.5 22.2 141/013 SR-11B 881-013B	7.8 22.2 140/014 SR-12B 881-014B	8.0 22.2 141/016 SR-13B 881-016B	8.1 22.2 141/018 SR-13B 881-018B	0.9 19.0 041/028 SR-13B 825-028B	0.9 19.3 041/044 SR-13B 825-044B	1.6 19.4 068/042 SR-13B 909-042B	2.0 19.3 068/044 SR-13B 909-044B	3.3 19.2 019/016 SR-13B 806-016B
	5.8 21.0 222/012 WR-10B 885-012B	7.5 22.2 141/013 WR-11B 881-013B	7.8 22.2 140/014 WR-12B 881-014B	8.0 22.2 141/016 WR-13B 881-016B	8.1 22.2 141/018 WR-13B 881-018B	0.9 19.0 041/028 WR-13B 825-028B	0.9 19.3 041/044 WR-13B 825-044B	1.6 19.4 068/042 WR-13B 909-042B	2.0 19.3 068/044 WR-13B 909-044B	3.3 19.2 019/016 WR-13B 806-016B
	5.8 21.0 222/012 DI-42B 885-012B	7.5 22.2 141/013 DI-42B 881-013B	7.8 22.2 140/014 DI-42B 881-014B	8.0 22.2 141/016 DI-42B 881-016B	8.1 22.2 141/018 DI-42B 881-018B	0.9 19.0 041/028 DI-42B 825-028B	0.9 19.3 041/044 DI-42B 825-044B	1.6 19.4 068/042 DI-42B 909-042B	2.0 19.3 068/044 DI-42B 909-044B	3.3 19.2 019/016 DI-42B 806-016B

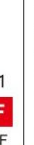
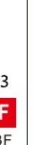
Extra Coarse FG SHORT SHANK 150-183µm	 10.0 20.0 166/016 TC-S11B 859-S016B	 8.0 20.0 165/016 TC-S21B 858-S016B	 10.0 20.1 173/018 TF-S12B 848-S018B	 6.8 18.8 171/016 TF-S20B 846-S016B	 6.7 19.0 171/018 TF-S21B 848-S018B	 9.3 19.7 198/024 TR-S14B 856-S024B	 6.7 19.1 197/018 TR-S21B 855-S018B	 1.8 16.1 001/020 BR-S31B 801-S020B	 1.4 16.8 001/016 BR-S41B 801-S016B	 1.2 16.8 001/014 BR-S46B 801-S014B			
	 6.7 17.5 297/014 CF-S25B 877K-S014B	 6.8 18.0 248/016 FO-S21B 862-S016B	 6.0 18.7 248/013 SO-S20B 877-S013B	 6.7 15.5 297/016 CF-SS25B 877K-SS016B	Extra Coarse FG LENGTH SHANK 150-183µm			 13.1 25.1 167/020 TC-L19B 859-L020B	 10.0 25.0 173/014 TF-L10B 848-L014B	 10.0 25.0 199/018 TR-L12B 850-L018B	 8.8 25.0 198/020 TR-L13B 856-L020B	 9.3 25.0 198/024 TR-L14B 856-L024	 11.5 25.0 200/024 TR-L15B 850-L024B
	 6.7 25.0 197/018 TR-L21B 855-L018B	 1.8 22.3 001/019 BR-L31B 801-L019B	 1.8 25.0 001/019 BR-LL31B 801-L019B	 1.5 22.0 001/016 BR-L41B 801-L016B	 9.2 25.0 298/017 CF-L22B 878K-L017B	 7.3 25.0 552/022 EX-L10B 909-L022B	 10.3 25.0 250/019 FO-L14B 863-L019B	 5.0 25.0 257/030 FO-L25B 368-L030B	工作端长度 车针总长度 ISO(代表形状)/工作端最大直径 订货号 美欧编码				
Coarse FG SHANK 125-150µm	 10.0 22.2 166/013 TC-10C 859L-013C	 10.0 22.0 166/017 TC-11C 859-017C	 10.0 22.0 166/015 TC-12C 859-015C	 10.0 22.0 166/015 TC-13C 859-015C	 8.0 20.3 166/012 TC-20C 858-012C	 8.0 22.0 165/015 TC-21C 858-015C	 8.0 22.0 165/018 TC-23C 858-018C	 10.0 24.0 173/015 TF-11C 848-015C	 10.0 21.9 173/017 TF-12C 848-017C	 10.0 21.7 173/019 TF-13C 848-019C			
	 9.2 21.8 172/024 TF-14C 848-024C	 10.3 22.5 173/019 TF-15C 848-019C	 10.2 22.2 173/018 TF-16C 848-018C	 8.0 20.0 172/014 TF-18C 847-014C	 8.3 20.3 172/016 TF-19C 847-016C	 6.8 21.0 171/015 TF-20C 846-015C	 6.7 21.0 171/017 TF-21C 846-017C	 5.6 19.0 170/022 TF-22C 846-022C	 7.6 19.5 170/020 TF-25C 847-020C	 4.0 19.0 170/017 TF-31C 845-017C	 4.5 20.2 170/026 TF-45C 845-026C		
	 10.0 21.8 199/016 TR-11C 850-016C	 10.0 21.9 199/017 TR-12C 850-017C	 8.8 21.9 198/019 TR-13C 856-019C	 9.3 22.0 198/023 TR-14C 856-023C	 11.5 23.8 200/023 TR-15C 850-023C	 11.5 23.8 200/025 TR-19C 850-025C	 6.7 21.2 197/015 TR-21C 855-015C	 7.2 21.2 197/019 TR-24C 855-019C	 9.7 21.5 199/017 TR-25C 850K-017C	 10.0 21.8 198/019 TR-26C 856-019C	 7.8 19.5 198/017 TR-30C 856-017C		
	 7.5 21.1 198/026 TR-31C 855-026C	 8.5 22.1 198/015 TR-33C 856-015C	 6.7 20.0 197/017 TR-62C 850-017C	 1.9 19.2 001/022 BR-29C 801-022C	 2.3 19.1 001/024 BR-30C 801-024C	 1.7 19.1 001/019 BR-31C 801-019C	 1.6 19.1 001/017 BR-40C 801-017C	 1.4 19.0 001/015 BR-41C 801-015C	 1.0 19.2 001/011 BR-45C 801-011C	 1.2 19.1 001/013 BR-46C 801-013C	 4.4 16.2 109/011 CD-58C 835-011C		
	 8.6 21.2 298/013 CF-11C 878K-013C	 10.1 22.3 299/016 CF-13C 879K-016C	 8.6 21.5 298/017 CF-14C 878K-017C	 10.2 22.2 299/017 CF-17C 879K-017C	 8.0 19.3 298/016 CF-21C 878K-016C	 9.2 21.2 298/018 CF-22C 878K-018C	 8.0 22.4 298/016 CF-28C 878K-016C	 8.7 20.3 298/020 CF-31C 878K-020C	 9.5 23.0 299/021 CF-32C 878K-021C	 5.2 19.0 196/021 CR-11C 855-021C	 4.0 19.0 196/017 CR-12C 855-017C		
	 5.0 19.2 039/033 EX-11C 811-033C	 4.1 19.5 038/040 EX-14C 811-040C	 5.0 19.0 237/023 EX-21C 830RL-023C	 7.6 20.5 237/025 EX-25C 239-025C	 5.0 19.1 277/033 EX-26C 830RL-033C	 7.0 21.5 519/018 EX-27C 6055-018C	 8.0 21.5 519/018 EX-28C 6055-018C	 9.0 21.3 519/019 EX-29C 6055-019C	 10.0 22.3 250/016 FO-10C 863-016C	 10.0 24.0 250/014 FO-11C 863-014C	 10.0 22.2 250/013 FO-12C 863-013C		
	 10.0 22.1 250/015 FO-13C 863-015C	 10.0 22.3 250/018 FO-14C 863-018C	 8.0 21.4 249/014 FO-16C 862-014C	 6.8 20.9 248/015 FO-21C 862-015C	 6.8 21.0 248/017 FO-22C 862-017C	 8.0 21.0 249/016 FO-23C 862-016C	 5.0 19.1 257/029 FO-25C 368-029C	 5.0 19.0 257/033 FO-27C 368-033C	 5.0 19.0 257/023 FO-28C 368-023C	 4.5 19.2 257/020 FO-29C 368-020C	 3.0 19.4 257/017 FO-30C 368-017C		

 3.5 19.6 257/019 FO-32C 368-019C	 4.7 19.2 277/025 FO-35C 379-025C	 9.5 21.0 551/019 FO-54C 851-019C	 7.7 22.0 249/013 FO-55C 862L-013C	 8.3 22.1 111/013 SF-11C 837-013C	 8.0 22.1 111/015 SF-12C 837-015C	 7.8 22.2 111/017 SF-13C 837-017C	 8.2 22.2 111/019 SF-14C 837-019C	 6.8 21.0 110/015 SF-21C 836-015C	 6.0 19.3 110/012 SF-22C 836-012C	 7.8 21.2 111/019 SF-23C 836-019C	
 6.2 21.0 110/017 SF-24C 836-017C	 4.3 19.5 109/014 SF-30C 835-014C	 4.6 19.2 109/014 SF-31C 836-014C	 3.5 19.5 107/010 SF-32C 835-010C	 4.0 19.0 109/012 SF-41C 835-012C	 1.8 19.3 010/011 SI-45C 805-011C	 1.2 19.0 010/013 SI-46C 805-013C	 1.7 19.1 010/015 SI-47C 805-015C	 1.8 19.0 010/017 SI-48C 805-017C	 1.8 19.0 010/019 SI-49C 805-019C	 2.5 19.7 010/024 SI-50C 805-024C	
 7.8 21.8 248/015 SO-21C 878/015C	 8.2 22.2 250/017 SO-26C 888-017C	 7.7 21.8 298/011 SO-29C 878-011C	 5.8 21.0 297/010 SO-35C 878-010C	 7.8 22.2 141/013 SR-11C 881-013C	 8.0 22.2 141/015 SR-12C 881-015C	 8.1 22.2 141/017 SR-13C 881-017C	 8.3 22.2 141/020 SR-14C 881-020C	 6.5 19.0 140/013 SR-15C 880-013C	 6.2 21.8 140/013 SR-18C 880-013C	 6.0 22.1 140/015 SR-19C 880-015C	
 10.0 22.2 140/013 SR-21C 881-013C	 2.3 19.2 019/011 DI-41C 806-011C	 3.3 19.2 019/015 DI-42C 806-015C	 1.5 19.4 068/041 WR-12C 909-041C	 1.9 19.3 068/043 WR-13C 909-043C	 2.2 19.5 043/045 WR-19C 818-045C	 4.4 16.2 109/011 CD-58C 835-011C	 1.5 19.0 001/016 GBR-31C 801-016C	 1.5 19.0 108/013 GEX-84C 836-013C	工作端长度 车针总长度 ISO (代表形状) / 工作端最大直径 订货号 美欧编码		
Coarse FG SHORT SHANK 125-150µm		 8.0 20.0 165/015 TC-S21C 858-S015C	 10.0 19.8 173/019 TF-S13C 848-S019C	 6.7 19.0 171/017 TF-S21C 846-S017C	 9.3 19.7 198/023 TR-S14C 856-S023C	 6.7 19.1 197/017 TR-S21C 855-S017C	 8.0 17.2 298/016 CF-S21C 878K-S016C				
Coarse FG LENGTH SHANK 125-150µm		 13.1 25.1 167/020 TC-L19C 859-L020C	 9.3 25.0 111/023 TR-L14C 856-L023C	 1.7 22.3 001/019 BR-L31C 801-L019C	 1.1 23.0 001/014 BR-L46C 801-L014C	 1.2 23.2 001/014 BR-L51C 801-L014C	 3.0 25.0 257/017 FO-L30C 368-L017C	 8.0 25.0 111/015 SF-L12C 837-L015C	 7.8 25.0 111/017 SF-L13C 837-L017C	 8.1 25.0 141/017 SR-L13C 881-L017C	Length of working part Tool length ISO/Maximum diameter of working part Order No US and Eur type
Standard FG SHANK 106-125µm		 10.0 22.0 166/012 TC-10 859-012	 10.0 22.0 166/016 TC-11 859-016	 10.0 22.0 166/013 TC-12 859-013	 10.0 22.0 166/015 TC-13 859-015	 8.0 20.3 165/012 TC-20 858-012	 8.0 22.0 165/014 TC-21 858-014	 8.0 22.0 165/016 TC-22 858-016	 8.0 22.0 165/017 TC-23 858-017	 6.0 21.0 164/010 TC-26 857-010	 10.0 24.0 173/012 TF-10 848-012
 10.0 24.0 173/014 TF-11 848-014	 10.0 22.0 173/016 TF-12 848-016	 10.0 21.7 173/018 TF-13 848-018	 9.2 21.8 172/023 TF-14 848-023	 10.3 22.5 173/019 TF-15 848-019	 10.2 22.2 173/017 TF-16 848-017	 10.2 22.0 173/018 TF-17 848L-018	 8.0 20.0 172/013 TF-18 847-013	 8.3 20.3 172/015 TF-19 847-015	 6.8 21.0 171/014 TF-20 846-014	 6.7 21.0 171/016 TF-21 846-016	
 5.6 19.0 170/021 TF-22 846-021	 5.0 20.1 170/018 TF-23 845-018	 8.0 20.3 172/017 TF-24 847-017	 7.6 19.5 172/018 TF-25 847-018	 5.5 19.5 171/018 TF-26 845-018	 4.0 19.0 170/016 TF-31 845-016	 3.7 19.1 170/010 TF-41 845-010	 4.0 19.0 170/012 TF-42 845-012	 4.0 19.0 170/013 TF-43 845-013	 10.0 22.0 199/014 TR-10 850-014	 10.0 21.8 199/015 TR-11 850-015	
 10.0 21.9 199/016 TR-12 850-016	 8.8 21.9 198/018 TR-13 856-018	 9.3 22.0 198/022 TR-14 856-022	 11.5 23.8 200/022 TR-15 850-022	 8.4 21.4 198/018 TR-16 855-018	 11.5 23.8 200/024 TR-19 850-024	 6.7 21.0 197/014 TR-20 855-014	 6.7 21.2 197/015 TR-21 855-015	 7.8 19.5 198/012 TR-22 855-012	 7.8 19.3 198/014 TR-23 856-014	 7.2 21.2 197/018 TR-24 855-018	

 9.7 21.5 199/016 TR-25 850K-016	 8.8 21.8 198/018 TR-26 856-018	 8.0 21.5 198/013 TR-27 855-013	 9.0 22.0 198/014 TR-29 856-014	 7.8 19.5 198/016 TR-30 856-016	 3.3 19.5 002/017 BC-30 802-017	 2.6 19.3 002/018 BC-31 802-018	 2.5 19.1 002/014 BC-42 802-014	 3.0 19.3 002/012 BC-43 802-012	 3.5 19.4 002/010 BC-44 802-010	 3.5 19.3 002/013 BC-45 802-013
 2.0 19.2 001/021 BR-29 801-021	 2.2 19.1 001/023 BR-30 801-023	 1.7 19.1 001/018 BR-31 801-018	 1.6 19.4 001/017 BR-32 801-017	 1.5 19.1 001/016 BR-40 801-016	 1.3 19.0 001/014 BR-41 801-014	 1.3 19.2 001/014 BR-42 801-014	 0.9 19.2 001/010 BR-45 801-010	 1.1 19.1 001/012 BR-46 801-012	 1.1 19.1 001/013 BR-47 801-013	 0.7 19.0 001/008 BR-49 801-008
 0.8 19.3 001/009 BR-50 801-009	 8.6 21.2 298/012 CF-11 878K-012	 10.0 21.1 299/016 CF-12 879K-016	 10.1 22.3 299/015 CF-13 879K-015	 8.6 21.5 298/016 CF-14 878K-016	 9.0 21.2 298/017 CF-15 879K-017	 10.2 22.2 299/016 CF-17 879K-016	 12.0 24.2 300/019 CF-18 879K-019	 8.2 19.3 298/015 CF-21 878K-015	 9.2 21.2 298/017 CF-22 878K-017	 6.7 19.5 297/014 CF-25 877K-014
 6.7 19.3 297/017 CF-26 877K-017	 8.0 22.4 298/017 CF-28 878K-017	 8.7 20.3 298/019 CF-31 878K-019	 9.6 23.2 299/020 CF-32 878K-020	 6.2 21.1 297/014 CF-33 878K-014	 3.1 19.5 019/011 DI-40 806-011	 2.3 19.2 019/010 DI-41 806-010	 3.3 19.2 019/014 DI-42 806-014	 7.6 24.1 552/016 EX-09 909-016	 7.3 24.2 552/020 EX-10 909-020	 5.0 19.2 039/032 EX-11 811-032
 7.0 20.1 039/035 EX-12 811-035	 0.3 21.0 179/012 EX-18 839-012	 5.0 19.0 237/018 EX-20 830RL-018	 5.0 19.0 237/022 EX-21 830RL-022	 7.3 19.5 005/018 EX-23 6054-018	 9.0 24.1 220/017 EX-24 878KP-017	 5.0 19.1 277/032 EX-26 830RL-032	 7.0 21.5 519/017 EX-27 6055-017	 8.0 21.5 519/018 EX-28 6055-018	 9.0 21.3 520/018 EX-29 6055-018	 4.1 19.2 237/014 EX-31 830-014
 3.0 19.1 237/010 EX-41 830-010	 3.69 20.0 552/014 EX-44 909-014	 7.0 24.1 552/021 EX-45 909-021	 2.8 18.1 477/028 EX-46 909-028	 7.5 22.0 190/030 EX-48 878KP-030	 8.0 22.0 188/028 EX-49 878KP-028	 10.0 22.3 250/015 FO-10 863-015	 10.0 24.0 250/013 FO-11 863-013	 9.5 22.2 250/012 FO-12 863-012	 10.0 22.1 250/014 FO-13 863-014	 10.3 22.3 250/017 FO-14 863-017
 7.1 22.2 248/011 FO-15 862-011	 8.0 21.4 249/013 FO-16 862-013	 6.8 20.9 248/014 FO-21 862-014	 6.8 21.0 248/016 FO-22 862-016	 8.0 21.0 249/016 FO-23 862-016	 5.0 19.1 257/028 FO-25 368-028	 5.0 19.0 257/032 FO-27 368-032	 5.0 19.0 257/022 FO-28 368-022	 4.5 19.2 257/019 FO-29 368-019	 3.0 19.4 257/016 FO-30 368-016	 3.5 19.6 257/018 FO-32 368-018
 4.5 19.2 277/023 FO-34 379-023	 4.5 22.2 258/009 FO-38 858-009	 4.0 23.5 247/012 FO-40 858-012	 7.7 22.0 249/012 FO-42 862-012	 7.7 20.2 249/013 FO-55 862-013	 2.0 20.1 534/012 FO-58 860-012	 8.1 19.5 298/016 MS-13 878K-016	 9.1 22.3 298/018 MS-14 878K-018	 10.5 23.2 553/019 RS-11 847KR-019	 7.0 21.2 545/018 RS-21 847KR-018	 4.2 19.2 544/018 RS-31 847KR-018
 8.0 22.0 111/010 SF-10 837-010	 8.0 22.1 111/012 SF-11 837-012	 8.0 22.1 111/014 SF-12 837-014	 7.8 22.2 111/016 SF-13 837-016	 8.2 22.2 111/018 SF-14 837-018	 6.8 21.0 110/014 SF-21 836-014	 6.0 19.3 110/011 SF-22 836-011	 4.0 19.0 108/014 SF-30 836-014	 4.6 19.2 109/013 SF-31 836-013	 3.5 19.5 109/009 SF-32 835-009	 4.0 19.0 109/011 SF-41 835-011
 3.5 18.8 225/014 SI-20 805-014	 1.8 19.3 010/010 SI-45 805-010	 1.2 19.0 010/012 SI-46 805-012	 1.7 19.1 010/014 SI-47 805-014	 1.7 19.0 010/016 SI-48 805-016	 1.8 19.0 010/018 SI-49 805-018	 2.5 19.7 010/023 SI-50 805-023	 10.2 22.2 131/014 SO-15 886-014	 10.2 22.1 131/016 SO-17 886-016	 6.0 21.5 129/010 SO-19 886-010	 6.0 21.0 248/011 SO-20 877-011

 7.8 21.8 248/014 SO-21 878-014	 6.0 19.1 129/012 SO-24 885-012	 8.2 22.2 250/017 SO-26 888-017	 9.8 23.0 250/016 SO-33 888-016	 5.8 21.0 297/010 SO-35 885-010	 7.5 22.2 141/010 SR-10 881-010	 7.8 22.2 141/012 SR-11 881-012	 8.0 22.2 141/014 SR-12 881-014	 8.1 22.2 141/016 SR-13 881-016	 6.5 19.0 140/012 SR-15 880-012	 6.2 21.8 140/011 SR-18 880-011
 6.0 22.1 140/014 SR-19 880-014	 0.9 19.3 041/042 WR-11 825-042	 1.4 19.4 068/040 WR-12 909-040	 1.8 19.3 068/042 WR-13 909-042	 1.4 19.2 043/043 WR-18 818-043	 2.2 19.5 043/044 WR-19 818-044	 0.6 16.7 001/008 CD-50 801/008	 2.5 16.7 138/009 CD-51 838M/009	 3.7 16.7 138/008 CD-52 276-008	 2.1 16.7 161/008 CD-53 889M-008	 2.1 16.7 246/008 CD-54 278F-008
 1.1 16.7 254/009 CD-55 279F-009	 2.1 16.7 246/008 CD-56 280F-008	 3.5 16.7 247/008 CD-57 860-008	 4.4 16.2 108/010 CD-58 835-010	 6.6 16.7 197/012 CD-59 283-012	Standard FG SHORT SHANK 106-125µm	 10.0 20.0 166/016 TC-S11 859-S016	 8.0 18.2 165/012 TC-S20 858-S012	 8.0 20.0 165/014 TC-S21 858-S014	 10.0 22.2 173/014 TF-S11 848-S014	 10.0 20.0 173/016 TF-S12 848-S016
 10.0 19.8 173/018 TF-S13 848-S018	 8.0 17.4 172/013 TF-S18 847-S013	 8.5 17.5 172/015 TF-S19 847-S015	 6.8 18.8 171/014 TF-S20 846-S014	 6.7 19.0 171/016 TF-S21 846-S016	 5.5 17.2 170/021 TF-S22 846-S021	 5.0 17.2 170/018 TF-S23 845-S018	 8.0 18.2 172/017 TF-S24 847-S017	 4.0 17.0 170/016 TF-S31 845-S016	 3.7 16.5 170/010 TF-S41 845-S010	 10.0 20.0 199/016 TR-S11 845-S016
 10.0 20.1 199/016 TR-S12 850-S016	 8.8 20.9 198/018 TR-S13 856-S018	 6.7 18.7 197/014 TR-S20 855-S014	 6.7 19.1 197/016 TR-S21 855-S016	 7.9 17.5 198/012 TR-S22 855-S012	 7.8 17.3 198/014 TR-S23 856-S014	 8.0 17.3 198/013 TR-S27 855-S013	 9.0 20.3 198/014 TR-S29 856-S014	 2.5 16.8 002/014 BC-S42 802-S014	 3.0 16.7 002/012 BC-S43 802-S012	 3.5 16.3 002/009 BC-S44 802-S009
 3.2 16.3 002/013 BC-S45 802-S013	 1.6 16.1 001/018 BR-S31 801-S018	 1.4 17.0 001/014 BR-S41 801-S014	 0.9 16.8 001/010 BR-S45 801-S010	 1.1 16.8 001/012 BR-S46 801-S012	 0.7 16.5 001/008 BR-S49 801-S008	 8.0 17.2 298/015 CF-S21 878K-S015	 6.7 17.5 297/014 CF-S25 877K-S014	 6.7 17.4 297/017 CF-S26 877K-S017	 8.0 20.5 298/017 CF-S28 878K-S017	 3.1 16.2 019/011 DI-S40 806-S011
 2.3 17.6 019/010 DI-S41 806-S010	 3.3 17.0 019/015 DI-S42 806-S015	 5.0 16.0 237/018 EX-S20 830RL-S018	 7.0 20.0 248/011 FO-S15 862-S011	 6.8 18.0 248/014 FO-S21 862-S014	 9.5 20.0 551/017 FO-S54 851-S017	 8.0 20.3 111/012 SF-S11 837-S012	 8.0 19.2 111/014 SF-S12 837-S014	 4.6 16.2 109/013 SF-S31 835-S013	 3.5 16.5 109/009 SF-S32 835-S009	 4.0 17.0 109/011 SF-S41 835-S011
 1.8 16.3 010/010 SI-S45 805-S010	 1.2 16.5 010/012 SI-S46 805-S012	 1.7 16.5 010/014 SI-S47 805-S014	 1.7 16.6 010/016 SI-S48 805-S016	 6.0 18.7 248/011 SO-S20 877-S011	 8.0 17.0 165/013 TC-S21 858-SS013	 4.0 14.5 170/016 TF-SS31 845-SS016	 6.7 18.2 197/016 TR-SS21 855-SS016	 2.5 16.0 138/008 CD-SS51 838M-SS008	 6.7 15.5 297/014 CF-SS25 877K-SS014	 2.3 14.7 019/010 DI-SS41 806-SS010
 4.0 14.2 170/016 EX-SS33 846-SS016	 4.2 16.0 544/018 RS-SS31 847KR-SS018	 6.0 17.0 248/011 SO-SS20 877-SS011	Standard FG LENGTH SHANK 106-125µm	 13.1 25.1 167/019 TC-L19 859-L019	 13.1 27.0 167/019 TC-L19 859-L019	 10.0 25.0 173/014 TF-L11 848-L014	 10.0 24.1 173/016 TF-L12 848-L016	 9.2 23.8 172/023 TF-L14 848-L023	 10.0 27.0 199/015 TR-L11 850-L015	 10.0 24.2 199/016 TR-L12 850-L016
 10.0 27.0 199/016 TR-L12 850-L016	 9.3 23.8 198/022 TR-L14 856-L022	 9.3 25.0 198/022 TR-L14 856-L022	 11.5 25.0 200/022 TR-L15 850-L022	 11.5 25.0 200/024 TR-L19 850-L024	 3.5 25.0 002/009 BC-L44 802-L009	 10.1 25.0 299/015 CF-L13 879K-L015	 12.0 25.0 300/019 CF-L18 879K-L019	 12.0 26.4 212/018 CF-L19 878K-L018	 8.0 23.7 298/017 CF-L28 878K-L017	 9.0 22.0 298/019 CF-L31 878K-L019

 9.6 25.2 299/020 CF-L32 878K-L020	 6.7 28.0 297/017 CF-SL26 877K-SL017	 5.0 25.0 257/032 FO-L27 368-L032	 5.0 28.0 257/022 FO-L28 368-L022	 3.0 25.0 257/016 FO-L30 368-L016	 8.0 24.2 111/014 SF-L12 837-L014	 2.5 25.0 010/023 SI-L50 805-L023	 7.8 25.0 141/012 SR-L11 881-L012	 8.0 28.0 002/018 BC-SL31 802-SL018	 1.7 22.3 001/018 BR-L31 801-L018	 1.1 23.0 001/012 BR-L46 801-L012
 2.2 25.0 001/023 BR-LL30 801-LL023	 1.7 25.0 001/018 BR-LL31 801-LL018	 1.5 25.0 001/016 BR-LL40 801-LL014	 1.3 25.0 001/014 BR-LL41 801-LL014	 0.9 25.0 001/010 BR-LL45 801-LL018	 0.7 25.0 001/008 BR-LL49 801-LL008	 1.5 28.0 001/016 BR-XL40 801-XL016	 1.7 24.0 001/018 BR-L53 801-L018	 10.0 22.0 005/012 EX-50 6054-012	 4.1 21.0 043/030 WR-17 818-030	
 2.0 32.0 001/021 BR-SL29 801-SL021	 2.0 32.0 001/022 BR-SL29C 801-SL022	 2.2 32.0 001/023 BR-SL30 801-SL023	 1.7 32.0 001/018 BR-SL31 801-SL018	 1.5 32.0 001/016 BR-SL40 801-SL016	 1.3 32.0 001/014 BR-SL41 801-SL014	 0.9 32.0 001/010 BR-SL45 801-SL010	 1.1 32.0 001/012 BR-SL46 801-SL012	 0.9 32.0 001/008 BR-SL49 801-SL008	 1.8 32.0 001/019 BR-SL31B 801-SL019B	- 工作端长度 - 车针总长度 - ISO (代表形状) / 工作端最大直径 - 订货号 - 美欧编码
Fine FG SHANK 53-63µm										
 10.0 22.0 166/011 TC-10F 859-011F	 10.0 22.0 166/015 TC-11F 859-015F	 8.0 22.0 165/012 TC-21F 858-012F	 10.0 24.0 173/013 TF-11F 848-013F	 10.0 21.9 173/015 TF-12F 848-015F	 10.0 21.7 173/017 TF-13F 848-017F	 6.7 21.0 171/015 TF-21F 846-015F	 5.0 19.2 170/018 TF-40F 845-018F	 4.5 20.2 170/024 TF-45F 845-024F	 10.0 21.8 199/014 TR-11F 850-014F	
 10.0 21.9 199/015 TR-12F 850-015F	 8.8 21.9 198/017 TR-13F 856-017F	 11.5 23.8 200/021 TR-15F 850-021F	 11.0 23.7 200/013 TR-17F 850-013F	 6.7 21.2 197/015 TR-21F 855-015F	 9.7 21.5 199/015 TR-25F 850K-015F	 8.8 21.8 198/017 TR-26F 856-017F	 2.3 19.1 001/022 BR-30F 856-022F	 1.5 19.1 001/017 BR-31F 801-017F	 1.4 19.1 001/015 BR-40F 801-015F	 1.2 19.0 001/013 BR-41F 801-013F
 0.8 19.2 001/009 BR-45F 801-009F	 1.0 19.1 001/011 BR-46F 801-011F	 1.0 19.1 001/011 BR-47F 801-011F	 0.5 19.1 001/006 BR-48F 801-006F	 0.6 16.7 001/007 CD-50F 801-007F	 2.5 16.7 138/007 CD-51F 838M-007F	 3.7 16.7 138/007 CD-52F 276F-007F	 2.1 16.7 161/007 CD-53F 889M-007F	 2.1 16.7 246/007 CD-54F 278F-007F	 1.1 16.7 254/008 CD-55F 279F-008F	 2.1 16.7 246/007 CD-56F 280F-007F
 3.5 16.7 247/007 CD-57F 860-007F	 4.4 16.2 108/009 CD-58F 835-009F	 6.6 16.7 171/012 CD-59F 283F-012F	 2.1 19.0 138/007 CD-60F 276-007F	 3.7 19.0 138/007 CD-61F 276-007F	 3.1 19.0 108/009 CD-62F 835-009F	 8.6 21.2 298/011 CF-11F 878K-011F	 10.1 22.3 299/014 CF-13F 879K-014F	 8.6 21.5 298/015 CF-14F 878K-015F	 10.2 22.2 299/015 CF-17F 879K-015F	 8.2 19.3 298/014 CF-21F 878K-014F
 9.2 21.2 298/016 CF-22F 878K-016F	 8.0 22.4 298/016 CF-28F 878K-016F	 8.7 20.3 213/018 CF-31F 878K-018F	 5.2 19.0 196/019 CR-11F 855-019F	 4.0 19.0 196/015 CR-12F 855-015F	 7.0 21.6 197/012 CR-21F 885-012F	 7.5 21.7 289/013 CR-22F 878-013F	 5.7 21.0 507/024 ED-37F 370-024F	 0.3 21.0 179/009 EX-17F 839-009F	 0.3 21.0 179/011 EX-18F 839-011F	 5.0 19.0 237/021 EX-21F 830RL-021F
 5.0 19.1 277/031 EX-26F 830RL-031F	 4.1 19.2 237/013 EX-31F 830-013F	 3.0 19.1 237/009 EX-41F 830-009F	 3.8 19.0 446/031 EX-47F 552-031F	 10.0 24.0 250/012 FO-11F 863-012F	 6.8 20.9 248/013 FO-21F 862-013F	 6.8 21.0 248/015 FO-22F 862-015F	 5.0 19.1 257/027 FO-25F 368-027F	 5.0 19.0 257/021 FO-28F 368-021F	 3.0 19.4 257/015 FO-30F 368-015F	 3.5 19.6 257/018 FO-32F 368-018F

 4.5 19.2 277/022 FO-34F 379-022F	 4.7 19.2 277/024 FO-35F 379-024F	 4.0 23.5 259/009 FO-40F 858-009F	 0.9 19.2 001/010 MI-45F 801-010F	 2.1 19.2 539/006 MI-53F 539-006F	 3.7 19.2 139/007 MI-61F 839-007F	 3.1 19.2 156/008 MI-62F 868-008F	 7.5 22.2 141/009 SR-10F 881-009F	 7.8 22.2 141/011 SR-11F 881-011F	 8.0 22.2 141/013 SR-12F 881-013F	 8.1 22.2 141/015 SR-13F 881-015F	
 8.3 22.2 141/016 SR-14F 881-016F	 6.5 19.0 140/011 SR-15F 880-011F	 6.2 21.8 140/011 SR-18F 880-011F	 6.8 21.0 110/013 SF-21F 836-013F	 6.0 21.0 248/010 SO-20F 877-010F	 7.8 21.8 248/013 SO-21F 878-013F	 2.2 19.5 043/043 WR-19F 818-043F	 0.6 19.1 041/014 WR-31F 953M-014F	 9.2 21.8 172/022 CE-12F 848-022F	Length of working part Total length ISO/Maximum diameter of working part Order No US and Eur type		
Fine FG SHORT SHANK 53-63µm		 8.0 18.2 165/011 TC-S20F 858-011F	 6.8 18.1 248/013 FO-SS21F 862-013F	 0.6 16.8 041/014 WR-S31F 953M-S014F	Fine FG LENGTH SHANK 53-63µm		 13.1 25.1 167/018 TC-L19F 859-L018F	 7.8 25.2 111/015 SF-L13F 837-L015F	 10.2 25.0 299/015 CF-L17F 879K-015F	 6.8 25.0 248/015 FO-L22F 879K-015F	
Extra Fine FG SHANK 20-30µm		 10.0 22.2 166/010 TC-10EF 859L-010EF	 10.0 22.0 166/013 TC-11EF 859-013EF	 10.0 22.0 166/011 TC-12EF 859-011EF	 10.0 22.0 166/013 TC-13EF 859-013EF	 8.0 22.0 165/012 TC-21EF 858-012EF	 6.0 21.0 164/008 TC-26EF 857-008EF	 11.0 24.2 166/010 TC-31EF 859-010EF	 10.0 24.0 173/012 TF-11EF 848-012EF	 10.0 21.9 173/014 TF-12EF 848-014EF	 10.0 21.7 173/014 TF-13EF 848-014EF
 6.7 21.0 171/014 TF-21EF 846-014EF	 5.0 19.2 170/017 TF-40EF 845-017EF	 10.0 21.8 199/013 TR-11EF 850-013EF	 10.0 21.9 199/014 TR-12EF 850-014EF	 8.8 21.9 198/016 TR-13EF 856-016EF	 6.7 21.2 197/014 TR-21EF 855-014EF	 9.7 21.5 199/014 TR-25EF 850K-014EF	 8.8 21.8 198/016 TR-26EF 856-016EF	 1.5 19.1 001/016 BR-31EF 801-016EF	 1.3 19.1 001/014 BR-40EF 801-014EF	 9.2 21.7 198/021 CE-12EF 858/021EF	
 4.7 20.6 254/026 CE-15EF 884-026EF	 9.2 21.2 298/014 CF-22EF 878K-014EF	 6.7 19.3 297/014 CF-26EF 297K-014EF	 5.2 19.0 196/018 CR-11EF 855-018EF	 4.0 19.0 196/014 CR-12EF 855-014EF	 5.0 19.0 237/016 EX-20EF 830RL-016EF	 5.0 19.0 237/019 EX-21EF 830RL-019EF	 5.0 19.1 277/030 EX-26EF 830RL-030EF	 7.0 21.0 218/012 EX-27EF 884-012EF	 7.0 21.1 545/018 EX-29EF 847KR-018EF	 3.4 19.1 284/016 EX-36EF 884-016EF	
 2.0 19.1 254/024 EX-37EF 864-024EF	 10.0 22.1 250/012 FO-13EF 863-012EF	 7.1 22.2 248/009 FO-15EF 862-009EF	 8.0 21.4 249/010 FO-16EF 862-010EF	 6.0 20.0 243/012 FO-20EF 861-012EF	 6.8 20.9 248/012 FO-21EF 862-012EF	 6.8 21.0 248/014 FO-22EF 862-014EF	 5.0 19.1 257/026 FO-25EF 368-026EF	 5.0 19.0 257/020 FO-28EF 368-020EF	 4.5 19.2 257/016 FO-29EF 868-016EF	 3.0 19.4 257/014 FO-30EF 368-014EF	
 3.5 19.6 257/016 FO-32EF 368-016EF	 4.5 19.2 277/021 FO-34EF 379-021EF	 4.7 19.2 277/023 FO-35EF 379-023EF	 4.5 22.2 258/007 FO-38EF 858-007EF	 4.0 23.5 259/008 FO-40EF 858-008EF	 6.0 18.5 248/009 FO-41EF 362-009EF	 7.7 22.0 249/010 FO-42EF 862-010EF	 8.0 22.0 111/008 SF-10EF 837-008EF	 8.0 22.1 111/010 SF-11EF 837-010EF	 7.8 22.2 111/014 SF-13EF 837-014EF	 7.5 22.2 141/008 SR-10EF 881-008EF	
 7.8 22.2 141/010 SR-11EF 881-010EF	 8.0 22.2 141/012 SR-12EF 881-012EF	 8.1 22.2 141/014 SR-13EF 881-014EF	 8.3 22.2 141/016 SR-14EF 881-016EF	 6.5 19.0 140/010 SR-15EF 880-010EF	 6.0 21.0 248/009 SO-20EF 877/009EF	 8.0 21.8 248/012 SO-21EF 878/012EF	Extra Fine FG LENGTH SHANK 20-30µm		 13.1 25.1 167/017 TC-L19EF 859-L017EF	 10.0 25.0 199/013 TR-L11EF 850-L013EF	 8.5 25.0 199/016 TR-L13EF 856-L016EF
 9.3 25.0 199/014 TR-L25EF 850-L014EF	 8.7 25.0 298/013 CF-L22EF 878K-L013EF	 4.5 25.0 257/016 FO-L29EF 368-L016EF	 7.0 25.0 141/010 SR-L11EF 881-010EF	 7.8 25.0 141/014 SR-L13EF 881-014EF	Extra Fine FG SHORT SHANK 20-30µm		 9.0 19.9 198/020 TR-S14EF 856-S020EF	 6.7 15.5 297/012 CF-SS25EF 877-SS012EF	 4.1 16.0 237/011 EX-SS31EF 830-SS011EF	 4.0 14.2 170/015 EX-SS33EF 846-SS015EF	 8.0 20.3 165/010 TC-S20EF 858/010EF

Polishing burs KIT



BR-40EF
TC-11EF
TF-12EF
TR-26EF
TR-11EF
EX-21EF
SR-11EF
FO-28EF
CR-11EF
FO-21EF

Crown&Bridge KIT



SO-35C
TR-12
DI-40
TR-13
BR-31
WR-12
BR-40
TR-13F
TR-26F
SF-21F

Porcelain veneer preparation bur KIT



EX-08
EX-09
EX-10
TR-10
TR-14
TR-16
FO-28
TC-26EF
FO-28EF
FO-41EF

Children's dental bur KIT



CD-50F
CD-51F
CD-52F
CD-53F
CD-54F
CD-55F
CD-56F
CD-57F
CD-58F
CD-59F

Interproximal enamel removal bur KIT



TR-10
CD-57
CD-57F
TC-21F
CF-11F
TF-40F
EX-47F
TR-11EF
TC-21EF
TC-26EF

Inlay/onlay preparation bur KIT



TF-45C
TF-22
DI-41
DI-42
SF-21
EX-18
TF-45F
SF-21F
FO-22EF
FO-28EF

Children's dental bur KIT



CD-50
CD-51
CD-52
CD-53
CD-54
CD-55
CD-56
CD-57
CD-58
CD-59

Interproximal preparation bur KIT



TC-11C
CF-11C
TC-09
TC-20
TC-S20
CF-11
CF-11F
CD-57F
TC-11EF
TC-21EF

Posterior tooth preparation bur KIT



CF-S25B
TF-S21
SO-S20
BR-S45
SI-S45
SO-SS20
CF-SS25
DI-SS41
TR-SS21
TF-SS31



TF-13
TF-22
TR-11
TR-13
BR-46
BR-47
SI-46
SI-47
FG 557#
FG 701#

Anterior and posterior crown and bridge bur KIT



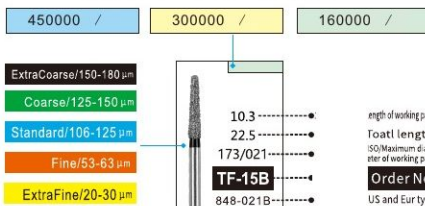
SR-12B
SR-11
CF-11
CF-14
TF-10
TF-21
WR-12
FO-28F
TR-21F
EX-17F

Tooth extraction bur KIT



SF-L12
TR-L14
BR-L31
TC-L19
CF-L19
FG SURG 1558#
FG SURG 558#
ENDO 28mm
ENDO 25mm
FG SURG 3#

/Maximum rotational speed



⚠ Before using burs, please see the instructions as indicated below.

●For dental use only. ●Non-sterile. ●Insert the shank into the handpiece according to the instructions of the handpiece manufacturer. Insertion should be full-length. ●Before use, run the instruments to make sure there is no decentering. If the instruments become bent, be sure to remove them from any further use. ●Please always use spray. A plentiful water supply is necessary to maintain long-lived performance and also to prevent loading and pulpitis. ●Handle with care and do not put excessive load. Pressure should be 20p to 50p for all instruments with a diameter up to 2.3mm. Use below the maximum allowable rpm of each instrument. See the chart above to avoid the possibility of being injured due to breakage. Avoid levering, tilting, twisting, and jamming motions. Do not work with a pulling motion. ●Wear safety glasses and/or a facemask to protect from being injured. ●Practicable for using autoclave, chemical vaporized autoclave, dry heat, and ethylene oxide sterilization. ●After using, follow appropriate treatment as medical waste.

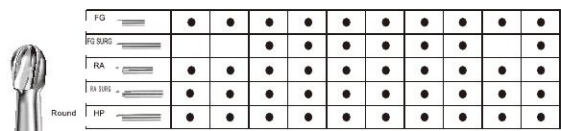
SHAPE CODES

TF Taper Flat End
TC Taper Conical End
SO Straight Ogival End
BC Ball Collar Type
CR Inlay Preparation Dia-Burs
BR Ball Round Type
SF Straight Flat End
SI Single Inverted Cone
CD/MI Children's Dentistry Dia-Burs

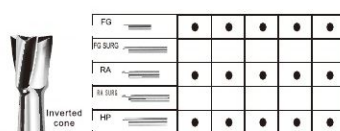
TR Taper Round End
RS Rounded Shoulder
SR Straight Round End
WR Wheel Round Edge
DI Double Inverted Cone
FO Flame Ogival End
EX Special (Extra) Shape
CF Chamfer
MS Marginal Shaper

HP Carbide burs, normal length 44.5mm, shank diameter 2.35mm.

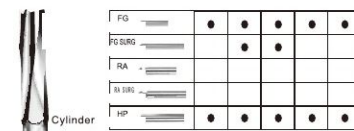
FG Carbide burs,normal length 19mm,extended length 22mm,other length 25mm ,shank diameter 1.6mm.



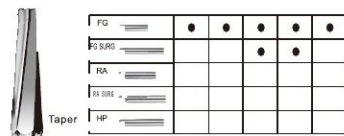
Order NO.	1/4	1/2	1	2	3	4	5	6	7	8
ISO NO.	001/005	001/006	001/008	001/010	001/012	001/014	001/016	001/018	001/021	001/023



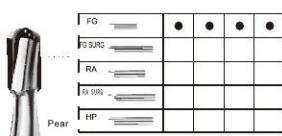
Order NO.	34	35	36	37	38
ISO NO.	010/008	010/010	010/012	010/014	010/016



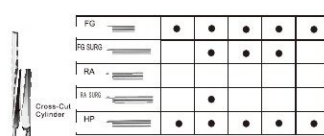
Order NO.	56	57	58	59	60
ISO NO.	107/009	107/010	107/012	107/014	107/016



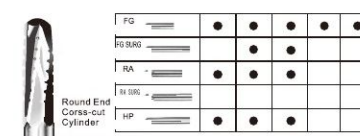
Order NO.	168	169	170	171	172
ISO NO.	168/008	168/009	168/010	168/012	168/01



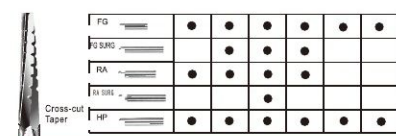
Order NO.	329	330	331	332
ISO NO.	232/006	232/008	232/010	232/011



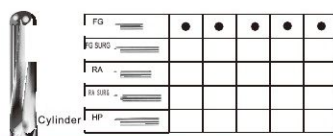
Order NO.	556	557	558	559	560
ISO NO.	107/009	107/010	107/012	107/014	107/016



Order NO.	1556	1557	1558	1957	1958
ISO NO.	137/009	137/010	137/012	137/010	137/012



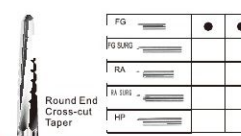
Order NO. :	699	700	701	702	699L	701L
ISO NO. :	168/009	168/010	168/012	168/016	171/009	171/012



Order NO.	1155	1156	1157	1158	1159
ISO NO.	137/008	137/009	137/010	137/012	137/013

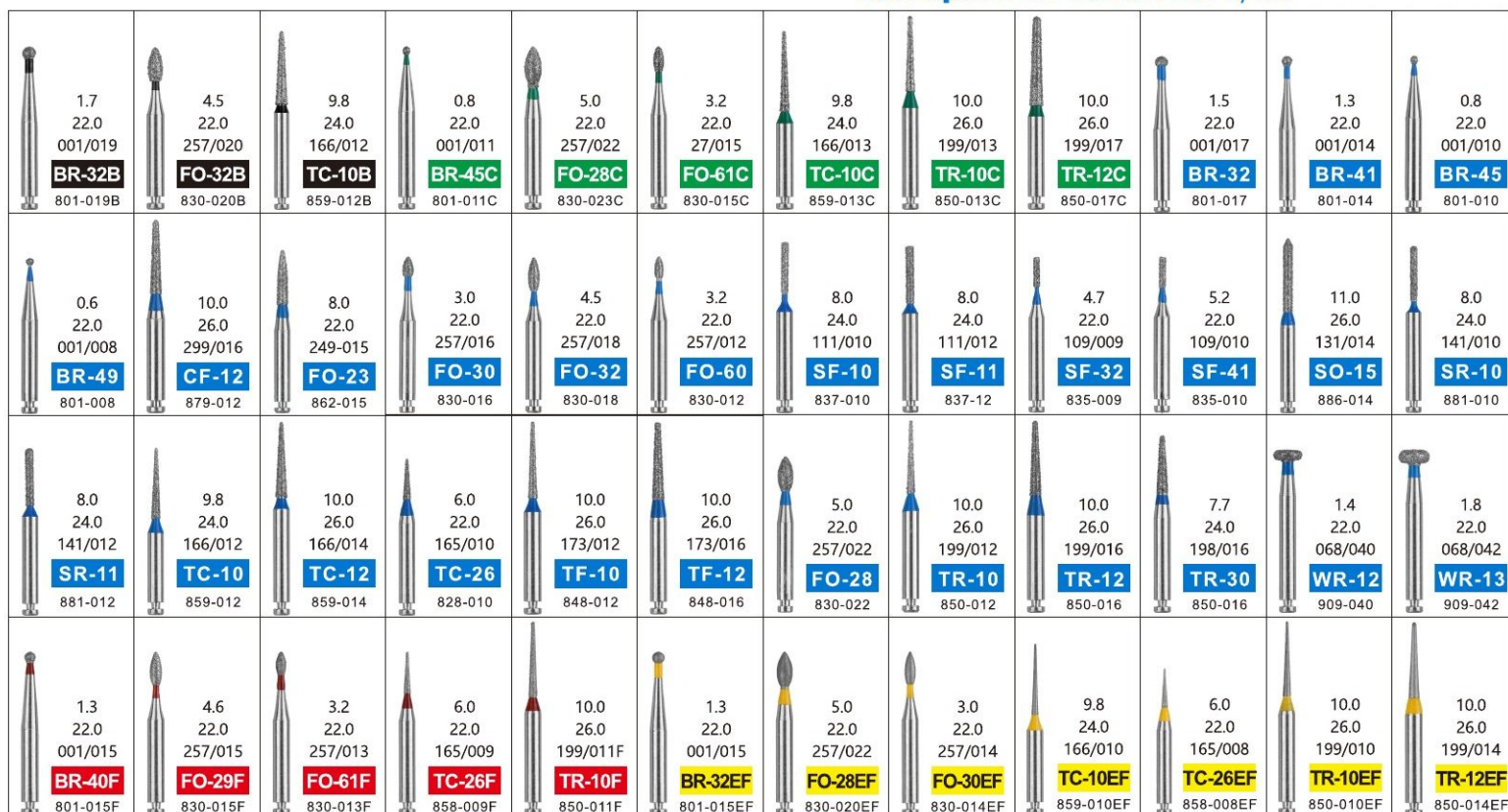


Order NO.	1169	1170	1171	1172
ISO NO.	199/009	199/010	199/012	199/016



Order NO.	1701	1702
ISO NO.	199/012	199/016

Low Speed RA Dental Burs/RA

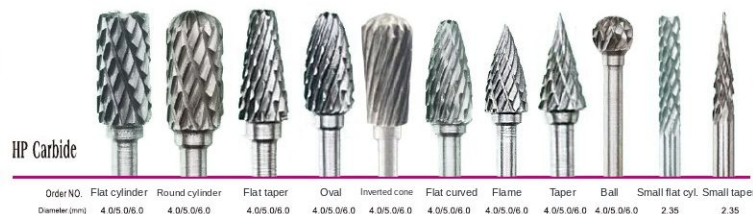


Implant dental burs/



	1.4 10.0 45.0 2.35 TC A-1R		1.5 10.0 45.0 2.35 TR A-1LR		2.0 12.5 45.0 2.35 SR A-2R		2.6 12.5 45.0 2.35 SR A-2LR		2.6 10.0 45.0 2.35 TF A-2A		2.5 10.0 45.0 2.35 TF A-2LA		1.6 10.0 45.0 2.35 FO A-C13		2.0 10.0 45.0 2.35 FO A-C23		2.5 10.0 45.0 2.35 FO A-C33		2.0 1.8 45.0 2.35 BR A-D2		2.0 1.6 45.0 2.35 SI A-K5		2.0 5.3 45.0 2.35 SI A-K6
	2.6 1.8 45.0 2.35 SI A-K7		2.3 1.0 45.0 2.35 SI A-K8		2.4 0.8 45.0 2.35 DI A-KB		1.5 4.3 45.0 2.35 TF A-T12		2.0 5.0 45.0 2.35 TR A-T13		2.5 7.0 45.0 2.35 SI A-K10		2.6 15.7 45.0 2.35 TC A-T8		3.0 12.0 45.0 2.35 SR B-3R		3.0 10.0 45.0 2.35 TF B-3A		3.9 12.2 45.0 2.35 TR B-4R		3.0 10.0 45.0 2.35 SF B-A30		3.0 2.8 45.0 2.35 BR B-D3
	4.0 3.8 45.0 2.35 BR B-D4		3.9 0.9 45.0 2.35 WR B-17X		4.0 1.4 45.0 2.35 SI B-12B		4.0 12.0 45.0 2.35 FO B-TX		5.0 10.0 45.0 2.35 TF C-5A		6.0 10.0 45.0 2.35 TF C-6A		4.9 12.2 45.0 2.35 TR C-5R		5.0 1.7 45.0 2.35 SI C-13B		5.9 2.0 45.0 2.35 SI C-14B		7.5 3.0 45.0 2.35 SI C-15B		5.8 1.0 45.0 2.35 WR C-18X		6.0 1.5 45.0 2.35 WR C-KR5
	6.0 12.0 45.0 2.35 FO C-TY		9.8 0.9 45.0 2.35 WR D-19X		9.8 4.0 45.0 2.35 SI D-16B		7.9 4.0 45.0 2.35 FO D-TZ		8.0 10.0 45.0 2.35 SF D-8A	Maximum diameter of working part Length of working part Total length Shank diameters Order No. HP Carbide Order NO. Flat cylinder Round cylinder Flat taper Oval Inverted cone Flat curved Flame Taper Ball Small flat cyl. Diameter (mm) 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 4.0/5.0/6.0 2.35													

Carbide Burs HP



HP Carbide
High quality

Order NO.	A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Diameter (mm)	6.0	6.0	6.0	4.0	6.0	6.0	6.0	6.0	4.0	6.0	6.0	6.0	6.0	4.0	6.0	2.3	2.3	2.3

HP Carbide
High quality

Order NO.	B13	B14	B15	B16	B17	B18	B19	C1	C2	C3	C4	C5	D1	D2	D3	D4	D5	D6	D7	D8
Diameter (mm)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	

H-FILES ●



Size	Tip dia.	Size	Tip dia.	Size	Tip dia.	Size	Tip dia.	Size	Tip dia.
06	0.06	20	0.20	40	0.40	60	0.60	15-40	
08	0.08	25	0.25	45	0.45	70	0.70	45-80	
10	0.10	30	0.30	50	0.50	80	0.80	90-140	
15	0.15	35		55	0.55				

K-FILES ■



REAMERS ▲



H-FILES ●

- Very large helix angle with zero rake; cuts best on a push-pull stroke.
- Round cross-section.
- Barbed flutes: work to the apex, then withdraw.
- Removes bulky debris; also lifts pulp tissue, filling material and cotton from the canal.
- Silicone stop fitted; size clearly marked.

K-FILES ■

- Large helix angle; cuts better on a straight filing stroke than on a reaming one.
- Rhomboid cross-section.
- Produces finer debris than an H-file.
- Filed towards the apex, to remove dentine and smooth the canal wall.
- Silicone stop fitted; size clearly marked.

REAMERS ▲

- Smaller helix angle; cuts better on a reaming action than on a straight filing stroke.
- Triangular cross-section.
- Produces coarser debris.
- Used with a reciprocating rotation to cut dentine within the canal.
- Silicone stop fitted; size clearly marked.

Length: 18 / 21 / 25 / 28 / 31 mm
Assorting size: 15-40, 45-80, 90-140
Material: Stainless steel / NiTi
Package: 6 pcs / case

D Files

Size	Tip dia.	Size	Tip dia.
08	0.08	12	0.12
10	0.10	15	0.15

- For retreatment, and for curved, narrow or calcified canals in the middle and apical thirds.
- Smooth flutes resist binding against the canal wall and open a path ready for preparation.
- Maximum rotation 30 degrees.

Length: 21 / 25 mm
Material: Stainless steel
Package: 6 pcs / case

C+ FILES

Size	Tip dia.	Size	Tip dia.
06	0.06	13	0.12
08	0.08	15	0.15
10	0.10		

- For calcified canals.
- Rigid, hard-tempered body.

Length: 21 / 25 mm
Material: Stainless steel
Package: 6 pcs / case

SPREADERS/PPREADERS

Size	Tip dia.	Size	Tip dia.	Size	Tip dia.
15	0.15	30	0.30		
20	0.20	35	0.35	15-40	
25	0.25	40	0.40		

- Supplied as lateral spreaders and vertical pluggers.
- Spreaders are used for lateral compaction of the canal filling.
- Pluggers are used for vertical compaction of the canal filling.

Length: 21 / 25 mm
Assorting size: 15-40
Material: Stainless steel / NiTi
Package: 6 pcs / case

BARBED BROACHES WITH SHANK

Size	Size	Size
0	3	6
1	4	0-6
2	5	1-6

- Plain broaches can be too long for molar pulp extrusion; the handled version comes in two lengths.
- Evenly formed barbs and good flexibility.
- Colour-coded handles identify the size.

Length: 21 mm / 25 mm
Assorting size: 0-6
Material: Stainless steel
Package: 6 or 10 pcs / case

PASTE CARRIERS

Size		Size	Tip dia.
25	0.25	40	0.40
30	0.30	25-40	
35	0.35		

- For carrying medicament into the canal.
- A close-wound spring at the handle absorbs vibration and resists fracture; withdraw slowly, still rotating.
- Can be autoclaved.

Length: 21 / 25 / 29 mm
Assorting size: 25-40
Material: Stainless steel / NiTi
Package: 4 pcs / case

PEESO REAMERS

Size	Tip dia.	Size	Tip dia.	Size	Tip dia.
1	0.70	4	1.30	1-6	
2	0.90	5	1.50		
3	1.10	6	1.70		

- Rings on the shank identify the size at a glance.
- Safe-ended, non-cutting tip.
- The rounded tip helps avoid ledging and perforation.

Length: 28 / 32 / 38 mm
Assorting size: 1-6
Material: Stainless steel
Package: 6 pcs / case

BARBED BROACHES

Size	Thickness/mm	Total length
0#	0.42	52mm
00#	0.36	
000#	0.30	

- Evenly formed barbs and good flexibility.

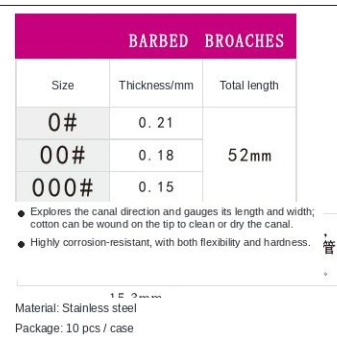
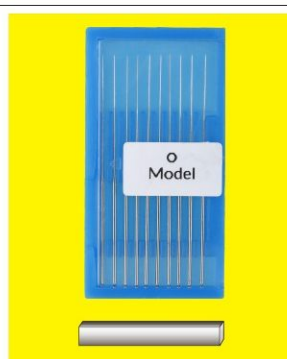
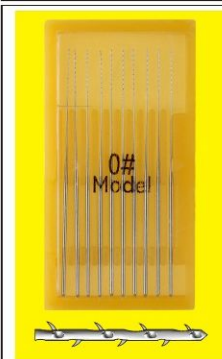
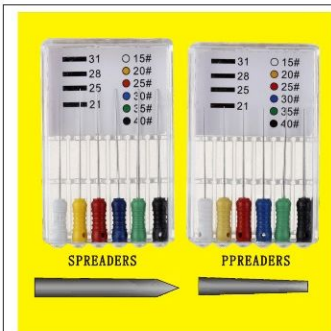
Material: Stainless steel
Package: 10 pcs / case

BARBED BROACHES

Size	Thickness/mm	Total length
0#	0.21	52mm
00#	0.18	
000#	0.15	

- Explores the canal direction and gauges its length and width; cotton can be wound on the tip to clean or dry the canal.
- Highly corrosion-resistant, with both flexibility and hardness.

Material: Stainless steel
Package: 10 pcs / case



PROTAPER

Size	SX	S1	S2	F1	F2	F3	F4	F5
Taper	3.5-19	02-11	04-12	07	08	09	06	05
Tip dia.	19	17	20	20	25	30	40	50
Length	19mm	21mm/25mm/28mm/31mm						
Torque	3.0N.cm	3.0N.cm	1.0N.cm	1.6N.cm	2.0N.cm	2.0N.cm	2.0N.cm	2.0N.cm
Speed	Blue: 250-350 rpm				Gold: 150-300 rpm			



R Type — variable taper system, 6 per set

SUPER FILES (NITI heat activation)

Size	SX	S1	S2	F1	F2	F3	F4	F5
Taper	3.5-19	02-11	04-12	07	08	09	06	05
Tip dia.	19	17	20	20	25	30	40	50
Length	19mm	21mm/25mm/28mm/31mm						
Torque	3.0N.cm	3.0N.cm	1.0N.cm	1.6N.cm	2.0N.cm	2.0N.cm	2.0N.cm	2.0N.cm
Speed	Blue: 250-350 rpm				Gold: 150-300 rpm			

Operating steps

1. Establish straight-line access through the crown.
2. Negotiate and explore the canal with 10# and 15# hand K-files.
3. Enlarge the coronal third with S1, using SX if needed; go no deeper than the 15# K-file. Recommended speed 300 rpm.
4. Measure and confirm the working length with a 15# K-file.
5. Use S1, S2 and F1 in turn under irrigation, withdrawing every 1-2 mm until the file no longer advances - that is, prepared to working length.
6. Prepare to working length with F2, the recommended minimum apical instrument, then re-measure the apical constriction.
7. In wide canals, follow with F3 to working length.



TC Type — constant taper system, 5 per set

SUPER FILES (NITI heat activation)

Size	17#	15#	20#	25#	30#	35#	40#
Taper	8%	3%	4%/6%	4%/6%	4%/6%	4%/6%	4%/6%
Torque	3.0N.cm	0.8N.cm	1.0N.cm	1.5N.cm	2.0N.cm	2.0N.cm	2.0N.cm
Speed	250	200	250	250	300	300	300

Rotary TC system — operating steps

1. Pre-file with the orifice opener to about one third of the canal length.
2. Negotiate the canal with a 10# hand K-file and measure the length.
3. Negotiate and enlarge with a 15# hand file.
4. Establish a smooth glide path with the rotary glide-path file.
5. Recapitulate with a 10# hand file and irrigate.
6. Prepare with the yellow 04 taper 20# rotary file.
7. Prepare with the red 04 taper 25# rotary file.
8. In wide canals follow with 05 taper 30#, 35# and 40# in turn, until the canal is a smooth, even cone.

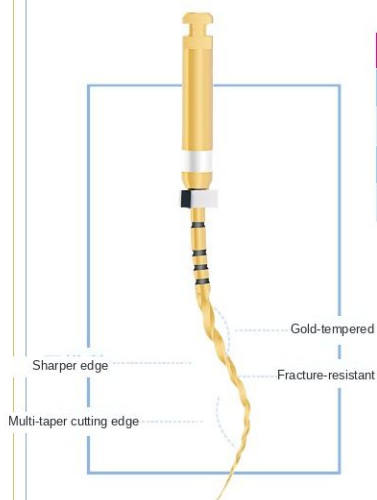
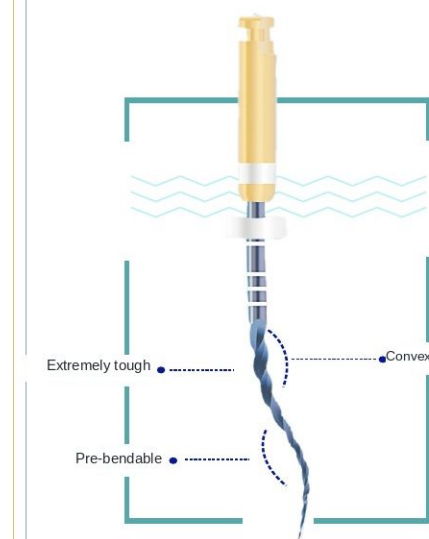
Cautions

1. Irrigate at every file change - sodium hypochlorite is recommended. Break up debris with a 15# hand K-file and lubricate with EDTA gel.
2. Keep the apical third well lubricated at all times.
3. Sterilise before use: steam at 126°C for 30 minutes, rinse for 10 seconds in 0.9% NaCl saline, then air-dry.



Deciduous files, 3 per set

Size / Length	17mm20#	17mm25#	17mm30#	Mixed
Torque	1.0N.cm	1.5N.cm	1.5N.cm	
Speed	200	250	300	
Taper	4%	4%	4%	
Deciduous				



Silicon polishers for porcelain RA Shank

for high-shine polishing of porcelain, resin

Application:

white for grinding and reducing pink for satin finishing blue for polishing

100/12
RA Shank

No.	RA 01-White	RA 02-White	RA 03-White	RA 04-White	RA 05-White	RA 06-White
Size	3.5*7mm	5*10mm	10*1.5mm	10*2mm	7.5*10mm	10*9.5mm
Grit	Coarse	Coarse	Coarse	Coarse	Coarse	Coarse
RPM/MIN	10000	10000	10000	10000	10000	10000

100/12
RA Shank

No.	RA 01-Pink	RA 02-Pink	RA 03-Pink	RA 04-Pink	RA 05-Pink	RA 06-Pink
Size	3.5*7mm	5*10mm	10*1.5mm	10*2mm	7.5*10mm	10*9.5mm
Grit	Medium	Medium	Medium	Medium	Medium	Medium
RPM/MIN	8000	8000	8000	8000	8000	8000

100/12
RA Shank

No.	RA 01-Blue	RA 02-Blue	RA 03-Blue	RA 04-Blue	RA 05-Blue	RA 06-Blue
Size	3.5*7mm	5*10mm	10*1.5mm	10*2mm	7.5*10mm	10*9.5mm
Grit	Fine	Fine	Fine	Fine	Fine	Fine
RPM/MIN	6000	6000	6000	6000	6000	6000

Silicon polishers for porcelain FG Shank

100
FG Shank

No.	RA 01-F-White	RA 01-F-Pink	RA 01-F-Blue	RA 02-F-White	RA 02-F-Pink	RA 02-F-Blue
Size	3.5*7mm	3.5*7mm	3.5*7mm	5*10mm	5*10mm	5*10mm
Grit	Coarse	Medium	Fine	Coarse	Medium	Fine
RPM/MIN	12000/8000	12000/8000	12000/8000	12000/8000	12000/8000	12000/8000

Silicon polishers for metal and alloy RA Shank

for finishing and polishing alloy and precious metal

Application:

black for reducing and grinding brown for smoothing light green for polishing

100/12
RA Shank

No.	RA 01-Black	RA 02-Black	RA 03-Black	RA 04-Black	RA 05-Black	RA 06-Black
Size	3.5*7mm	5*10mm	10*1.5mm	10*2mm	7.5*10mm	10*9.5mm
Grit	Coarse	Coarse	Coarse	Coarse	Coarse	Coarse
RPM	10000	10000	10000	10000	10000	10000

100/12
RA Shank

No.	RA 01-Red	RA 02-Red	RA 03-Red	RA 04-Red	RA 05-Red	RA 06-Red
Size	3.5*7mm	5*10mm	10*1.5mm	10*2mm	7.5*10mm	10*9.5mm
Grit	Medium	Medium	Medium	Medium	Medium	Medium
RPM	8000	8000	8000	8000	8000	8000

100/12
RA Shank

No.	RA 01-Green	RA 02-Green	RA 03-Green	RA 04-Green	RA 05-Green	RA 06-Green
Size	3.5*7mm	5*10mm	10*1.5mm	10*2mm	7.5*10mm	10*9.5mm
Grit	Fine	Fine	Fine	Fine	Fine	Fine
RPM	6000	6000	6000	6000	6000	6000

Silicon polishers for porcelain FG Shank

100
FG Shank

No.	RA 01-F-Black	RA 01-F-Red	RA 01-F-Green	RA 02-F-Black	RA 02-F-Red	RA 02-F-Green
Size	3.5*7mm	3.5*7mm	3.5*7mm	5*10mm	5*10mm	5*10mm
Grit	Coarse	Medium	Fine	Coarse	Medium	Fine
RPM	12000/8000	12000/8000	12000/8000	12000/8000	12000/8000	12000/8000

Silicon polishing kits



Order No.	KITRA01	KITRA02	KITRA03 wheel/ Pointy/ Flat-headed
Intended Use.	Polishing metal	Polishing resin	Silicone Polishing Finishing Composite Restorations



Order No.	SDTRA03	SDTRA04	SDTRA02
Intended Use.	Resin Polishing Kit	Resin Polishing Kit	Lithium Disilicate, Porcelain Grinding and Polishing Kit



Order No.	SDTHP01	SDTRA01	SDTHP02
Intended Use.	Zirconia Grinding and Polishing Kit	Zirconia Grinding and Polishing Kit	Lithium Disilicate, Porcelain Grinding and Polishing Kit

Polishing cups/brushes(RA)

Order No.	RA11-1	RA11-1	RA11-1	RA11-1	RA11-1	RA11-1	RA11-2	RA11-3	RA11-4
Intended Use.	Polishing teeth								

Stone polishing grinding(FG/RA)

Order No(FG)	FG12-1	FG12-2	FG12-3	FG12-4	FG12-5	FG12-6	FG12-7	FG12-1	FG12-2	FG12-3	FG12-4	FG12-5	FG12-6	FG12-7
Order No(RA)	RA12-1	RA12-2	RA12-3	RA12-4	RA12-5	RA12-6	RA12-7	RA12-1	RA12-2	RA12-3	RA12-4	RA12-5	RA12-6	RA12-7
Intended Use.	Finish & Polish Fillings/composite							Grind Porcelain,Precious metal						

Silicon polishers for porcelain HP Shank

100
HP Shank

No.	HP02-Black	HP02-Red	HP02-Green	HP02-Yellow	HP02-White	HP02-Pink	HP02-Blue
Size	5*16mm	5*16mm	5*16mm	5*16mm	5*16mm	5*16mm	5*16mm
Grit	Coarse	Medium	Medium	Fine	Coarse	Medium	Fine
RPM/MIN	15000	15000	15000	8000	15000	10000	8000

100
HP Shank

No.	HP03-Black	HP03-Red	HP03-Green	HP03-Yellow	HP03-White	HP03-Pink	HP03-Blue
Size	6*16mm	6*16mm	6*16mm	6*16mm	6*16mm	6*16mm	6*16mm
Grit	Coarse	Medium	Medium	Fine	Coarse	Medium	Fine
RPM/MIN	15000	15000	15000	8000	15000	10000	8000

100
HP Shank

No.	HP04-Black	HP04-Red	HP04-Green	HP04-Yellow	HP04-White	HP04-Pink	HP04-Blue
Size	8*18mm	8*18mm	8*18mm	8*18mm	8*18mm	8*18mm	8*18mm
Grit	Coarse	Medium	Medium	Fine	Coarse	Medium	Fine
RPM/MIN	12000	12000	12000	8000	12000	10000	8000

100
HP Shank

No.	HP05-Black	HP05-Red	HP05-Green	HP05-Yellow	HP05-White	HP05-Pink	HP05-Blue
Size	10*20mm	10*20mm	10*20mm	10*20mm	10*20mm	10*20mm	10*20mm
Grit	Coarse	Medium	Medium	Fine	Coarse	Medium	Fine
RPM/MIN	12000	12000	10000	7000	12000	10000	7000

100
HP Shank

No.	HP06-Black	HP06-Red	HP06-Green	HP06-Yellow	HP06-White	HP06-Pink	HP06-Blue
Size	10*24mm	10*24mm	10*24mm	10*24mm	10*24mm	10*24mm	10*24mm
Grit	Coarse	Medium	Medium	Fine	Coarse	Medium	Fine
RPM/MIN	12000	12000	10000	7000	12000	10000	7000

Stone polishing grinding(HP)



Maximum diameter	6.0	13.0	5.0	13.0	7.0	5.0	9.0	6.0	3.0	4.0	13.0
Length of working part	18.0	2.0	13.0	3.0	13.0	12.0	18.0	12.0	7.0	9.0	5.5
Order No.	HP40-1-Green	HP40-2-Green	HP12-3-Green	HP40-4-Green	HP40-5-Green	HP40-6-Green	HP40-7-Green	HP40-8-Green	HP40-9-Green	HP40-10-Green	HP40-11-Green
Intended Use.	Stone grinding for porcelain										

Maximum diameter	6.0	13.0	5.0	13.0	7.0	5.0	9.0	6.0	3.0	4.0
Length of working part	18.0	2.0	13.0	3.0	13.0	12.0	18.0	12.0	7.0	9.0
Order No.	HP40-1-Pink	HP40-2-Pink	HP40-3-Pink	HP40-4-Pink	HP40-5-Pink	HP40-6-Pink	HP40-7-Pink	HP40-8-Pink	HP40-9-Pink	HP40-10-Pink
Intended Use.	Stone grinding for metal and alloy									

Maximum diameter	6.0	13.0	5.0	13.0	7.0	5.0	9.0	6.0	3.0	4.0
Length of working part	18.0	2.0	13.0	3.0	13.0	12.0	18.0	12.0	7.0	9.0
Order No.	HP40-1-White	HP40-2-White	HP40-3-White	HP40-4-White	HP40-5-White	HP40-6-White	HP40-7-White	HP40-8-White	HP40-9-White	HP40-10-White
Intended Use.	Stone grinding for metal and resin									

Micro-Applicators

USES

- Cleaning stains
- Cavity filling
- Etchant application
- Bonding agent
- Cavity liner
- Fluoride varnish
- Haemostatic agent
- Fissure sealant
- Cosmetic use

