## Identification

Recommendation for efficient use



Colour	coding of		Remark	Application	optimal speed $\mathcal{O}_{\text{opt.}}$	Examples
Shank	Colour ring	Working part			rpm	
			high-efficiency staggered toothing	excavating	1.500	H1SE
			high-efficiency toothing	_	1.500	H1S
7			ŭ , ŭ	excavating		
			ceramics/metal	crown cutting	160.000	H4MC/L
			metal	crown cutting	160.000	H34
			metal	crown cutting	160.000	H35L
			metal	crown cutting	160.000	H40
			coarse toothing with cross-cut	working on titanium abutments	160.000	H856G
			finishing instruments (medium)	finishing	20.000	H132
			finishing instruments (fine)	finishing	20.000	H132F
			finishing instruments (ultra fine)	finishing	20.000	H132UF
S			Q finishing instruments with cross-cut	finishing	20.000	H134Q
			surgery	apical ectomy, etc.	80.000	H254E/LE
			adhesive removers	orthodontics	40.000	H23RA
			adhesive removers	orthodontics	40.000	H22AGK
			adhesive removers	removing old fillings	160.000	H32
			cutters	temporary appliances	15.000	H257GSQ
Colour	coding of		Remark	Application	optimal speed O <sub>opt.</sub>	Examples
Shank	Colour ring	Working part			rpm	
	D :		Finishing (alka Engl)	fi-i-bi-		004115
			finishing (ultra fine)	finishing	20.000	801UF
			finishing (extra fine)	finishing	20.000	801EF
			finishing (fine)	finishing	20.000	8801
			diamond preparation instruments (medium)	preparation	160.000 - 300.000	801
			diamond preparation instruments (coarse)	preparation	160.000 - 300.000	6801
			diamond preparation instruments (super coarse)	preparation	160.000 - 300.000	5801
	7					
			All-ceramic restorations	separating crowns	160.000	4ZR
				separating crowns working on all-ceramic restorations (e.g. Z	160.000	
			All-ceramic restorations		160.000 (rO <sub>2</sub> ) 20.000	4ZR
amo			All-ceramic restorations diamond prep. instr. with special coating (fine)	working on all-ceramic restorations (e.g. Z	160.000 (rO <sub>2</sub> ) 20.000 (rO <sub>2</sub> ) 160.000	4ZR ZR8881
Olamo			All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium)	working on all-ceramic restorations (e.g. Z	160.000 (rO <sub>2</sub> ) 20.000 (rO <sub>2</sub> ) 160.000	4ZR ZR8881 ZR862
			All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse)	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z	(rO <sub>2</sub> ) 160.000 (rO <sub>2</sub> ) 20.000 (rO <sub>2</sub> ) 160.000 (rO <sub>2</sub> ) 160.000	4ZR ZR8881 ZR862 ZR6801
Colour			All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings	(rO <sub>2</sub> ) 20.000 (rO <sub>2</sub> ) 160.000 (rO <sub>2</sub> ) 160.000 (rO <sub>2</sub> ) 160.000 160.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985
	coding of	Working part	All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank)	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation	(rO <sub>2</sub> ) 160.000 (rO <sub>2</sub> ) 20.000 (rO <sub>2</sub> ) 160.000 (rO <sub>2</sub> ) 160.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985
		Working part	All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 optimal speed O <sub>opt</sub>	4ZR ZR8881 ZR862 ZR6801 S6801 5985
	coding of	Working part	All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste)	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal	(rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 (rO₂) 160.000 160.000 optimal speed ♠spt. rpm	4ZR ZR8881 ZR862 ZR6801 S6801 5985 <b>Example:</b>
	coding of	Working part	All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste)	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis	(rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 (rO₂) 160.000 160.000 optimal speed O <sub>opt.</sub> rpm 6.000 1.500	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example: 9553 9631
	coding of		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste)	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis	(rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 (rO₂) 160.000 160.000 optimal speed O₀pt. rpm 6.000 1.500	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672
	coding of		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste)	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis	(rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 (rO₂) 160.000 160.000 optimal speed O₀pt. rpm 6.000 1.500 1.500	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example 9553 9631 9672 9672H
	coding of		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste)	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis	(rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 (rO₂) 160.000 160.000 optimal speed O <sub>opt.</sub> rpm 6.000 1.500 1.500 1.500	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F
	coding of		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000  optimal speed O₀₅t.  rpm  6.000 1.500 1.500 1.500 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023M
	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers composite polishers	(rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 (rO₂) 160.000 160.000  optimal speed O <sub>opt</sub> rpm  6.000 1.500 1.500 1.500 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023M 94023F
	coding of		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers composite polishers composite polishers	(rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 160.000  optimal speed O <sub>opt</sub> rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example:  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF
	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis composite polishers composite polishers composite polishers composite polishers	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000  optimal speed O <sub>opt</sub> rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example:  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C
	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, polishing, 3-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis composite polishers	160.000 2rO₂) 20.000 2rO₂) 160.000 2rO₂) 160.000 160.000 160.000  optimal speed O₀et.  rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example:  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M
	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 160.000  optimal speed O₂₂t  rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example:  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M 9436F
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, initial polishing, 2-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers polishers polishers for all-ceramic restorations	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 160.000  optimal speed ♠₀₅ь rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example:  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M 9436F 94020C
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers composit	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000  optimal speed O₀₅t  rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example:  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M 9436F 94020C 94020F
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, initial polishing, 3-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 160.000  optimal speed O <sub>opt</sub> rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023F 9523UF 9436C 9436M 9436F 94020C 94020F 94006C
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, hard (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, polishing, 3-step	working on all-ceramic restorations (e.g. 2 working on all-ceramic restorations (e.g. 2 working on all-ceramic restorations (e.g. 2 preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers ceramic polishers ceramic polishers ceramic polishers ceramic polishers	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000  optimal speed O <sub>opt</sub> rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M 9436F 94020C 94020C 94006C 94006M
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step	working on all-ceramic restorations (e.g. 2 working on all-ceramic restorations (e.g. 2 working on all-ceramic restorations (e.g. 2 preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers ceramic polishers	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000  optimal speed O <sub>opt</sub> rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M 9436F 94020C 94020F 94006C 94006M 94006F
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, polishing, 3-step	working on all-ceramic restorations (e.g. 2 working on all-ceramic restorations (e.g. 2 working on all-ceramic restorations (e.g. 2 preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers ceramic restorations ceramic polishers ceramic polishers ceramic polishers metals	160.000 2rO₂) 20.000 2rO₂) 160.000 2rO₂) 160.000 160.000  optimal speed O₂₂ь rpm  6.000 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M 9436F 94020C 94000F 94006C 94006M 94006F 9608
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step high-performance polishers, polishing, 2-step high-performance polishers, high-shine polishing, 2-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers ceramic restorations polishers for all-ceramic restorations ceramic polishers ceramic polishers ceramic polishers metals metals	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 160.000  optimal speed O₀₅t.  rpm  6.000 1.500 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example:  9553 9631 9672 9672H 94014F 94023M 94023F 9436C 9436M 9436F 94020C 94020F 94006C 94006M 94006F 9608 9618
Shank	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) standard polishers, soft (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step high-performance polishers, polishing, 2-step high-performance polishers, high-shine polishing, 2-step high-performance polishers, high-shine polishing, 3-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers ceramic restorations polishers for all-ceramic restorations ceramic polishers ceramic polishers ceramic polishers metals denture acrylics	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 160.000  optimal speed O₀₅ rpm  6.000 1.500 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023F 94023F 9436C 9436M 9436F 94020C 94020F 94006C 94006M 94006F 9608 9618
	coding of Colour ring		All-ceramic restorations diamond prep. instr. with special coating (fine) diamond prep. instr. with special coating (medium) diamond prep. instr. with special coating (coarse) very efficient (structured blank) composite remover  Remark  universal polishers (used without paste) universal polishers (used with paste) standard polishers (used with paste) standard polishers (used with paste) standard polishers, hard (used with paste) with integrated diamond particles, initial polishing, 2-step with integrated diamond particles, high-shine polishing, 1-step with integrated diamond particles, initial polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, high-shine polishing, 2-step with integrated diamond particles, polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step with integrated diamond particles, high-shine polishing, 3-step high-performance polishers, polishing, 2-step high-performance polishers, high-shine polishing, 2-step	working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z working on all-ceramic restorations (e.g. Z preparation removing old fillings  Application  universal prophylaxis prophylaxis prophylaxis prophylaxis composite polishers ceramic restorations polishers for all-ceramic restorations ceramic polishers ceramic polishers ceramic polishers metals metals	160.000 (rO₂) 20.000 (rO₂) 160.000 (rO₂) 160.000 160.000 160.000  optimal speed O₀₅t.  rpm  6.000 1.500 1.500 1.500 1.500 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000	4ZR ZR8881 ZR862 ZR6801 S6801 5985  Example  9553 9631 9672 9672H 94014F 94023M 94023F 9523UF 9436C 9436M 9436F 94020C 94020F 94006C 94006M 94006F 9608 9618

## Recommended speed

for optimum results

Field of application	Work step	Instrument	optimal speed O₀pt.
Prophylaxis	polishing	Polishers with integrated diamond particles: Used without paste Polishers without integrated abrasive particles: Used with paste	6.000 1.500
Preparation of cavities	opening cavities excavating  finishing (amalgam) finishing (composite) removing of: - amalgam fillings - composite fillings polishing	diamond instrument TC/ceramic instrument polymer instrument TC instrument TC/diamond instrument  TC instrument diamond instrument polishers	160.000 1.500 2.000 20.000 20.000 160.000 160.000 6.000
Crown preparation	preparation of the crown core finishing the crown core	diamond instrument TC/diamond instrument	160.000 20.000
Mechanical root canal preparation	root canal preparation	nickel-titanium instrument	250 - 500
Pins/Posts	pilot drilling reaming roughening	steel instrument steel instrument diamond instrument	1.000 – 5.000 1.000 – 2.000 manually
Surgery	work on bone pilot drilling	TC instrument ceramic instrument trepan bur ceramic instrument	20.000 5.000 1.000 1.000

Note: This overview serves as a basic orientation guide. The individual recommendations on the packages have to be strictly observed.

