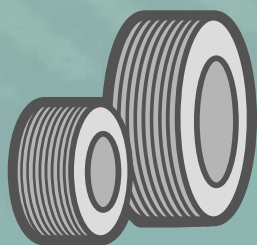
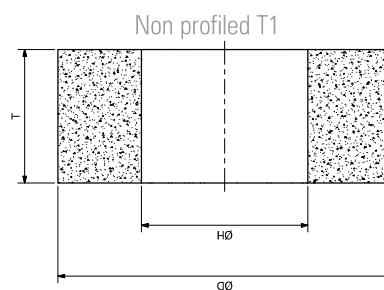
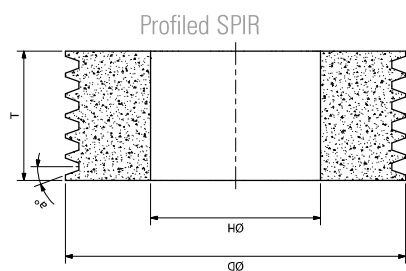


Gear grinding



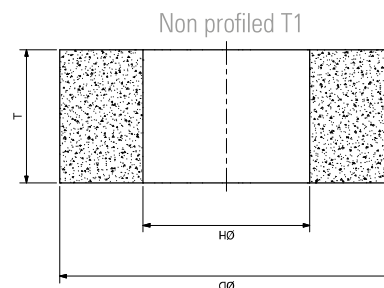
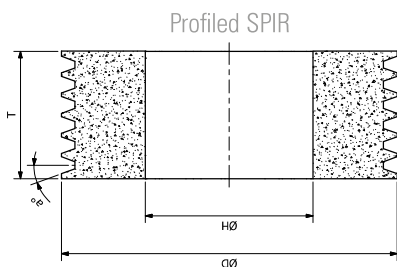


WORM WHEEL							
T1 - T7	Dimensions	Specification		Module Angle Principles	Machine	speed	
SPIR	220x180x90	11A 80 I V45 PF	◉	>1,5 V=> 20° 1:7	Gleason	63 m/sec	
T1	220x180x90	11A 80 I V45 PF	◉		Gleason	63 m/sec	
SPIR	220x180x90	21A 120/1 I V40 PF	◉	<1,5 V=> 20° 1:7	Gleason	63 m/sec	
T1	220x180x90	21A 120/1 I V40 PF	◉		Gleason	63 m/sec	
SPIR	240x125x120	11A 80 I V45 PF	◉	>1,5 V=> 20° 1:7	Gleason	63 m/sec	
T1	240x125x120	11A 80 I V45 PF	◉		Gleason	63 m/sec	
SPIR	240x125x120	21A 120/1 I V40 PF	◉	<1,5 V=> 20° 1:7	Gleason	63 m/sec	
T1	240x125x120	21A 120/1 I V40 PF	◉		Gleason	63 m/sec	
SPIR	275x125x160	11A 80 I V45 PF	◉	>1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	275x125x160	11A 80 I V45 PF	◉		Reishauer	80 m/sec	
SPIR	275x125x160	21A 120/1 I V40 PF	◉	<1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	275x125x160	21A 120/1 I V40 PF	◉		Reishauer	80 m/sec	
SPIR	275x160x160	11A 80 I V45 PF	◉	>1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	275x160x160	11A 80 I V45 PF	◉		Reishauer	80 m/sec	
SPIR	275x160x160	21A 120/1 I V40 PF	◉	<1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	275x160x160	21A 120/1 I V40 PF	◉		Reishauer	80 m/sec	
SPIR	300x125x160	11A 80 I V45 PF	◉	>1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	300x125x160	11A 80 I V45 PF	◉		Reishauer	80 m/sec	
SPIR	300x125x160	21A 120/1 I V40 PF	◉	<1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	300x125x160	21A 120/1 I V40 PF	◉		Reishauer	80 m/sec	
SPIR	300x145x160	11A 80 I V45 PF	◉	>1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	300x145x160	11A 80 I V45 PF	◉		Reishauer	80 m/sec	
SPIR	300x145x160	21A 120/1 I V40 PF	◉	<1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	300x145x160	21A 120/1 I V40 PF	◉		Reishauer	80 m/sec	
SPIR	350x104x160	11A 80 I V45 PF	◉	>1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	350x104x160	11A 80 I V45 PF	◉		Reishauer	80 m/sec	
SPIR	350x104x160	21A 120/1 I V40 PF	◉	<1,5 V=> 20° 1:7	Reishauer	80 m/sec	
T1	350x104x160	21A 120/1 I V40 PF	◉		Reishauer	80 m/sec	





WORM WHEEL							
T1 - T7	Dimensions	Specification		Module Angle Principles	Machine	speed	
SPIR	195x200x90	11A 80 I V45 PF	⊕	>1,5 V=> 20° 1:7	Liebherr	80 m/sec	
T1	195x200x90	11A 80 I V45 PF	⊕		Liebherr	80 m/sec	
SPIR	195x200x90	21A 120/1 I V40 PF	⊙	<1,5 V=> 20° 1:7	Liebherr	80 m/sec	
T1	195x200x90	21A 120/1 I V40 PF	⊙		Liebherr	80 m/sec	
SPIR	240x230x110	11A 80 I V45 PF	⊕	>1,5 V=> 20° 1:7	Liebherr	80 m/sec	
T1	240x230x110	11A 80 I V45 PF	⊕		Liebherr	80 m/sec	
SPIR	240x230x110	21A 120/1 I V40 PF	⊙	<1,5 V=> 20° 1:7	Liebherr	80 m/sec	
T1	240x230x110	21A 120/1 I V40 PF	⊙		Liebherr	80 m/sec	
SPIR	280x160x115	11A 80 I V45 PF	⊕	>1,5 V=> 20° 1:7	Kapp KX300P	80 m/sec	
T1	280x160x115	11A 80 I V45 PF	⊕		Kapp KX300P	80 m/sec	
SPIR	280x160x115	21A 120/1 I V40 PF	⊙	<1,5 V=> 20° 1:7	Kapp KX300P	80 m/sec	
T1	280x160x115	21A 120/1 I V40 PF	⊙		Kapp KX300P	80 m/sec	
SPIR	320x125x115	11A 80 I V45 PF	⊕	>1,5 V=> 20° 1:7	Kapp KX300P	80 m/sec	
T1	320x125x115	11A 80 I V45 PF	⊕		Kapp KX300P	80 m/sec	
SPIR	320x125x115	21A 120/1 I V40 PF	⊙	<1,5 V=> 20° 1:7	Kapp KX300P	80 m/sec	
T1	320x125x115	21A 120/1 I V40 PF	⊙		Kapp KX300P	80 m/sec	
SPIR	220x104x76,2 - 2inc. 117x10,5	11A 80 I V45 PF	⊕	>1,5 V=> 20° 1:7	Samp	63 m/sec	
T7	220x104x76,2 - 2inc. 117x10,5	11A 80 I V45 PF	⊕		Samp	63 m/sec	
SPIR	220x104x76,2 - 2inc. 117x10,5	21A 120/1 IJ V40 PF	⊙	<1,5 V=> 20° 1:7	Samp	63 m/sec	
T7	220x104x76,2 - 2inc. 117x10,5	21A 120/1 IJ V40 PF	⊙		Samp	63 m/sec	
SPIR	240x104x76,2 - 2inc. 117x10,5	11A 80 I V45 PF	⊕	>1,5 V=> 20° 1:7	Samp	63 m/sec	
T7	240x104x76,2 - 2inc. 117x10,5	11A 80 I V45 PF	⊕		Samp	63 m/sec	
SPIR	240x104x76,2 - 2inc. 117x10,5	21A 120/1 IJ V40 PF	⊙	<1,5 V=> 20° 1:7	Samp	63 m/sec	
T7	240x104x76,2 - 2inc. 117x10,5	21A 120/1 IJ V40 PF	⊙		Samp	63 m/sec	
SPIR	240x140x76,2	11A 80 I V45 PF	⊕	>1,5 V=> 20° 1:7	Samp	80 m/sec	
T1	240x140x76,2	11A 80 I V45 PF	⊕		Samp	80 m/sec	
SPIR	240x140x76,2	21A 120/1 IJ V40 PF	⊙	<1,5 V=> 20° 1:7	Samp	80 m/sec	
T1	240x140x76,2	21A 120/1 IJ V40 PF	⊙		Samp	80 m/sec	





SINGLE PROFILE WHEELS							
T1	Dimensions	Specification		Table Angle	Machine	speed	
PRQ	200x30x50,8	1SA 60 H11 VK4P1	⊙	U= V=	Samp	63 m/sec	
T1	200x30x50,8	1SA 60 H11 VK4P1	⊙		Samp	63 m/sec	
PRQ	240x25x76,2	1SA 60 H11 VK4P1	⊙	U= V=	Samp	63 m/sec	
T1	240x25x76,2	1SA 60 H11 VK4P1	⊙		Samp	63 m/sec	
PRQ	240x30x76,2	1SA 60 H11 VK4P1	⊙	U= V=	Samp	63 m/sec	
T1	240x30x76,2	1SA 60 H11 VK4P1	⊙		Samp	63 m/sec	
PRQ	300x20x50,8	1SA 60 H11 VK4P1	⊙	U= V=	Samp	63 m/sec	
PRQ	300x20x50,8	3AZ 060/1 H10 VK4 PF1	⊙	U= V=	Samp	63 m/sec	
PRQ	300x20x50,8	3AZ 080 J08 VK4 PF1	⊙	U= V=	Samp	63 m/sec	
T1	300x20x50,8	1SA 60 H11 VK4P1	⊙		Samp	63 m/sec	
T1	300x20x50,8	3AZ 060/1 H10 VK4 PF1	⊙		Samp	63 m/sec	
T1	300x20x50,8	3AZ 080 J08 VK4 PF1	⊙		Samp	63 m/sec	
PRQ	300x30x50,8	1SA 60 H11 VK4P1	⊙	U= V=	Samp	63 m/sec	
PRQ	300x30x50,8	3AZ 060/1 H10 VK4 PF1	⊙	U= V=	Samp	63 m/sec	
PRQ	300x30x50,8	3AZ 080 J08 VK4 PF1	⊙	U= V=	Samp	63 m/sec	
T1	300x30x50,8	1SA 60 H11 VK4P1	⊙		Samp	63 m/sec	
T1	300x30x50,8	3AZ 060/1 H10 VK4 PF1	⊙		Samp	63 m/sec	
T1	300x30x50,8	3AZ 080 J08 VK4 PF1	⊙		Samp	63 m/sec	
PRQ	250x32x80	1SA 60 H11 VK4P1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
T1	250x32x80	1SA 60 H11 VK4P1	⊙		Gleason/Höfler/Niles	63 m/sec	
PRQ	300x25x100	1SA 60 H11 VK4P1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
PRQ	300x25x100	3AZ 060/1 H10 VK4 PF1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
PRQ	300x25x100	3AZ 080 J08 VK4 PF1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
T1	300x25x100	1SA 60 H11 VK4P1	⊙		Gleason/Höfler/Niles	63 m/sec	
T1	300x25x100	3AZ 060/1 H10 VK4 PF1	⊙		Gleason/Höfler/Niles	63 m/sec	
T1	300x25x100	3AZ 080 J08 VK4 PF1	⊙		Gleason/Höfler/Niles	63 m/sec	
PRQ	300x30x100	1SA 60 H11 VK4P1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
PRQ	300x30x100	3AZ 060/1 H10 VK4 PF1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
PRQ	300x30x100	3AZ 080 J08 VK4 PF1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
T1	300x30x100	1SA 60 H11 VK4P1	⊙		Gleason/Höfler/Niles	63 m/sec	
T1	300x30x100	3AZ 060/1 H10 VK4 PF1	⊙		Gleason/Höfler/Niles	63 m/sec	
T1	300x30x100	3AZ 080 J08 VK4 PF1	⊙		Gleason/Höfler/Niles	63 m/sec	
PRQ	350x32x127	1SA 60 H11 VK4P1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
PRQ	350x32x127	3AZ 060/1 H10 VK4 PF1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
PRQ	350x32x127	3AZ 080 J08 VK4 PF1	⊙	U= V=	Gleason/Höfler/Niles	63 m/sec	
T1	350x32x127	1SA 60 H11 VK4P1	⊙		Gleason/Höfler/Niles	63 m/sec	
T1	350x32x127	3AZ 060/1 H10 VK4 PF1	⊙		Gleason/Höfler/Niles	63 m/sec	
T1	350x32x127	3AZ 080 J08 VK4 PF1	⊙		Gleason/Höfler/Niles	63 m/sec	

Profiled PRQ



SINGLE PROFILE WHEELS						
T1	Dimensions	Specification		Table Angle	Machine	speed
PRQ	350x40x127	1SA 60 H11 VK4P1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	350x40x127	3AZ 060/1 H10 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	350x40x127	3AZ 080 J08 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
T1	350x40x127	1SA 60 H11 VK4P1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	350x40x127	3AZ 060/1 H10 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	350x40x127	3AZ 080 J08 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
PRQ	400x32x127	1SA 60 H11 VK4P1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	400x32x127	3AZ 060/1 H10 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	400x32x127	3AZ 080 J08 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
T1	400x32x127	1SA 60 H11 VK4P1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	400x32x127	3AZ 060/1 H10 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	400x32x127	3AZ 080 J08 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
PRQ	400x40x127	1SA 60 H11 VK4P1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	400x40x127	3AZ 060/1 H10 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	400x40x127	3AZ 080 J08 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
T1	400x40x127	1SA 60 H11 VK4P1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	400x40x127	3AZ 060/1 H10 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	400x40x127	3AZ 080 J08 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
PRQ	450x32x127	1SA 60 H11 VK4P1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	450x32x127	3AZ 060/1 H10 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	450x32x127	3AZ 080 J08 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
T1	450x32x127	1SA 60 H11 VK4P1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	450x32x127	3AZ 060/1 H10 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	450x32x127	3AZ 080 J08 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
PRQ	450x40x127	1SA 60 H11 VK4P1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	450x40x127	3AZ 060/1 H10 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
PRQ	450x40x127	3AZ 080 J08 VK4 PF1	⊕	U= V=	Gleason/Höfler/Niles	63 m/sec
T1	450x40x127	1SA 60 H11 VK4P1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	450x40x127	3AZ 060/1 H10 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
T1	450x40x127	3AZ 080 J08 VK4 PF1	⊕		Gleason/Höfler/Niles	63 m/sec
Variant with finer grit (better finishing)		3AZ 080 J08 VK4 PF1	⊕			
Variant for modules with important dimensions		3AZ 060/1 H10 VK4 PF1	⊕			

Cylindrical gear grinding for pumps and hydraulic engines

PROFILE N WHEELS								
T1 - PRN	thickness 20 to 30		thickness 35 to 60		thickness 65 to 100		Angle 1 / Angle2	
450	43A 080 JK8 VK7 PF	⊕	43A 080 J08 VK7 PF	⊕			V ¹	V ²
	43A 120 JK9 VK7 PF	⊕	43A 120 JK9 VK7 PF	⊕			V ¹	V ²
508	43A 080 JK8 VK7 PF	⊕	43A 080 J08 VK7 PF	⊕	43A 080 IJ08 VK7 PF	⊕	V ¹	V ²
	43A 120 JK9 VK7 PF	⊕	43A 120 JK9 VK7 PF	⊕	43A 120 IJ09 VK7PF	⊕	V ¹	V ²
610			43A 080 J08 VG7 PF	⊕	43A 080 IJ08 VK7 PF	⊕	V ¹	V ²
			43A 120 JK9 VK7PF	⊕	43A 120 IJ09 VK7PF	⊕	V ¹	V ²