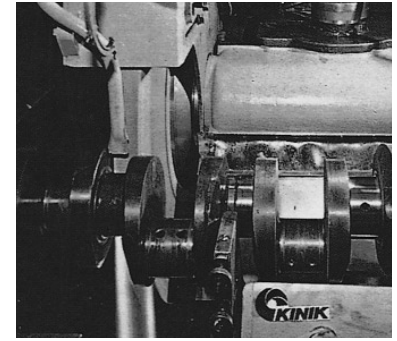


Crankshaft grinding is found throughout the automotive, truck, diesel, aircraft, small engine manufacturing industry and also in many engine rebuilding firms for regrinding of the pins and bearings. Wheel speeds of up to 2700m/min are most common, however, some production machines will run at higher speeds.

Most crankshaft wheels are Type 1 Some of the thicker wheels may be relieved or recessed to wheel Types 5, 7 or 21.

Mark all orders "Crankshaft Wheels"

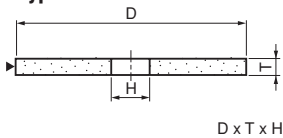


For multi-wheel machines used to grind all the main bearings at one time, specify diameter and thickness tolerances for the set of wheels. This will assure wheels being trued, marked and packed in sets as required for use.

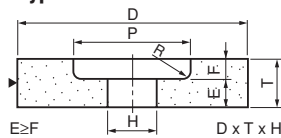
**KINIK** 3-layer crankshaft grinding wheels can hold tight corner radii and achieve good surface finish of pins, bearing seats, and their side walls of a crankshaft, while plunge grinding.

Application	Recommendations
Air Craft	FA54-KV
Diesel	FA54-NV
Automotive (Pin and Bearings)	
Roughing-heavy side removal	10A46-PV
light side removal	FA54-OV
Finishing	FA60-OV
Roughing and Finishing	FA54-PV
Automotive (Regrinding)	FA54-NV

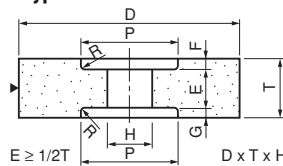
Type 1



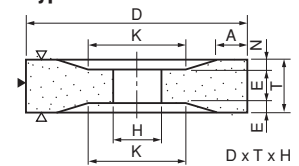
Type 5



Type 7



Type 21



## Standard Size

(inch)			(mm)		
D	T	H	D	T	H
14"	1/2". 3/4". 7/8"	3"	355mm	13, 19, 22mm	76.2mm
16"	3/4". 7/8". 1"	3", 5"	405	19, 22, 25	76.2, 127.0
18"	1". 1-1/8". 1-1/4". 1-3/4"	3", 5"	455	25, 28, 32, 45	76.2, 127.0
20"	3/4". 7/8". 1". 1-1/8". 1-1/4". 1-1/2"	3-3/4", 6"	510	19, 22, 25, 28, 32, 38	95.25, 152.4
22"	7/8". 1". 1-1/4". 1-3/4"	6"	560	22, 25, 32, 45	152.4
23"	3/4". 7/8". 1". 1-1/8". 1-1/4"	6"	585	19, 22, 25, 28, 32	152.4
24"	3/4". 7/8". 1". 1-1/8". 1-1/4". 1-1/2". 1-3/4"	8"	610	19, 22, 25, 28, 32, 38, 45	203.2
26"	3/4". 7/8". 1". 1-1/8". 1-1/4". 1-1/2". 1-3/4"	8"	660	19, 22, 25, 28, 32, 38, 45	203.2
28"	3/4". 7/8". 1". 1-1/8". 1-1/4". 1-1/2". 1-3/4"	6", 8"	710	19, 22, 25, 28, 32, 38, 45	152.4, 203.2
30"	3/4". 7/8". 1". 1-1/8". 1-1/4". 1-1/2". 1-3/4"	8", 12", 17-3/4"	760	19, 22, 25, 28, 32, 38, 45	203.2, 304.8, 450.8
32"	3/4". 7/8". 1". 1-1/8". 1-1/4". 1-1/2". 1-3/4". 2"	8", 12"	810	19, 22, 25, 28, 32, 38, 45, 50	203.2, 225.0, 304.8
36"	1". 1-1/8". 1-1/4". 1-1/2". 1-3/4". 2". 2-1/2"	12"	915	25, 28, 32, 38, 45, 50, 65	304.8
40"	1". 1-1/8". 1-1/4". 1-1/2". 1-3/4". 2". 2-1/2"	12"	1015	25, 28, 32, 38, 45, 50, 65	304.8
42"	1". 1-1/8". 1-1/4". 1-1/2". 1-3/4". 2". 2-1/2"	12"	1065	25, 28, 32, 38, 45, 50, 65	304.8
50"	1-1/4". 1-1/2". 1-3/4". 2". 2-1/2"	12"	1250	32, 38, 45, 50, 65	304.8
60"	1-1/2". 1-3/4". 2". 2-1/2"	12", 20"	1500	38, 45, 50, 65	304.8, 508.0

Note: Any thickness may be specified within standard availability limits, however, thickness should be specified in decimals.