DIAMOND TOOLS

Diamond wheels / Diamond core drills

Target materials

■ This table matches LOBSTER diamond wheels to workpiece materials. Select a product suitable for your intended workpiece material.

Pur-poses	Name	Model No.	Size	Concrete/Stone						Bricks				Mortar Block			Tiles			Roof tile			Cast iron pipe	Cutting concrete road surfaces		Ceramics								Groove repair		Others								
				Hard concrete	Reinforced concrete	Plain (unreinforced) concrete	U-shaped ditch, hume pipe, concrete secondary products	Granite	Marble	Redbricks	Firebrick (soft)	Firebrick (hard)	Grind・finished color plate	Mortar, block	Bush・hammered granite block	Interlocking tile	Porcelain tile (exterior・floor tiles)	Stoneware tile (brick tiles)	Ceramic tile (interior tiles)	Hard roof tiles	Roof tiles・cement roof tiles	Slate roof material (color Best, colonial)	Cast iron pipe (ductile pipe)	Asphalt road surface	Concrete road surface	ALC (reinforcements)	Slate	Gypsum board	Extruded cement panel (ASLOC, MACE, etc.)	Ceramic siding	NICHIHA MOEN SIDING	KMEW CERADIL	SHOWA DENKO LAMBDA	Crack repair (concrete, mortar, etc.)	Complicated crack repair (concrete, mortar, etc.)	Polyvinyl chloride pipe	Kitchen panel (melamine resin material)	FRP, CFRP	Castings	Rubber	Tires	Fireproof double tube (Tomiji pipe)	Artificial marble	Sheet iron・galvalume steel plate (0.5mm or less)
Cutting (laser welding)	wave laser	WL	105~355	◎	◎	◎	◎	○	○	◎	○		◎	◎	◎	◎		○			○	○			○	○	○	○	○	○	○	○													
	wave laser WXL	WLX	255~355	◎	◎	◎	◎			◎	◎		◎	◎	◎	○					○	○	○	○	○	○	○	○		○	○	○													
	laser	SL	105~355	◎	◎	◎	◎	○	○	◎	○		◎	◎	◎	◎		○			○	○			○	○	○	○	○	○	○	○													
	NEW laser	SL-A	105~355	◎	◎	◎	◎	○	○	◎	○		◎	◎	◎	◎		○			○	○			○	○	○	○	○	○	○	○													
	dry blades(value type)	SLK	10"~14"(255~355)	○	◎	◎	◎			◎	○		○	◎	○	○		○			○	○			○	○	○	○																	
	"KITTARO"	SK	305	○	○	◎	◎			◎	○		○	◎	○	○		○			○	○			○	○	○	○																	
	laser for both cast iron pipe and concrete	SLT	305, 355	○	◎	○	○			○	○		○	○	○	○		○					◎		○	○	○	○	○	○	○	○	○												
	laser for ALC	SLA	355, 405								○															◎	○	○	○	○	○	○	○												
	laser for corner cutter	SLO	105, 125	◎	◎	◎	◎	○	○	◎	○		◎	◎	◎	◎		○			○	○			○	○	○	○	○	○	○	○	○												
Cutting (一体焼結タイプ)	skywave extra	WX、WX-F	105~200, 105•125	○		◎	◎	○	○	◎	○		◎	◎	◎	◎	○	○	○		○	○			○	○	○	○	○	○	○	○	○												
	"TURUGI (sword)" TRX	TRX	105~200			◎	○		○	◎	○		◎	◎	◎	○		○			○	○			○	○	○	○	○	○	○	○	○												
	"BUTTAGIRI"	WBG	105, 125	○		◎	○	○	○	○	○		○	◎	◎	◎		○	○		○	○			○	○	○	○	○	○	○	○	○												
	"SETSUDANOH"	WA•SA	105~200			◎	○			○				◎				○			○	○			○	○	○	○																	
	"KITTARO"	WK•SK	105, 125			◎	○			○				◎				○							○	○	○	○																	
	タイルくん(磁器タイル・硬質タイル対応)	TWX	105~1.0														◎	◎	◎																										
	"TILE-KUN" (for general tiles)	TW	105~1.6														○	◎	◎																										
	cutter for roof tile	KW	105																	◎	◎	○																						
	rim type	R	50~200			○					○			○				◎	◎		○	○					○	○		○	○	○	○												○
Re-modeling	V-cutter, V-cutter light	V、VK	105			○	○		○	○	○		○	○	○	○																		◎	○									
	U-cutter, U-cutter light	U、UK	105			○	○		○	○	○		○	○	○	○																		◎	○									
	segment type	S	80~125			○	○		○	○	○		○	○	○	○																		◎	○									
	rotary wheel	RD	φ10			○	○		○	○	○		○	○	○	○																		○	◎									
Polishing (cup wheel)	diamond cup wheel (high quality)	CS、CD	4"	○		○	○	◎	◎	○	○	○	○	○	○	○					○			○	○																			
	〃 (general/high life)	CSP、CDP	4"、5"	○		◎	◎		○	◎	○		◎	○	○	○					○			○	◎																			
	〃 (economy/power-cutting)	CSE、CDE	4"	○		◎	◎	○	○	◎	○		◎	○	○	○					○			○	◎																			
	〃 ("KENSAKUOH")	CSA、CDA	4"	○		○	○	○	○	○	○		○	○	○	○					○			○	○																			
	〃 (for finishing)	CF	4"	○		○	○	◎	◎	○	○	○	○	○	○	○					○			○	○																			
	〃 (for canna shavings)	CO	4"	○		○	○	○	○	○	○	○	○	○	○	○					○			○	○																			
	〃 (welded diamond)	BC	4"			○				○	○	○	○	○									○													○		○	◎					
Cutting (electrodeposition・welding)	welded diamond cup wheel	BT	105~355			○			○	○	○	○	○	○	○	○		○	○		○	○	◎			○	○	○	○	○	○	○	○			◎	◎	○	◎	○	○	○	○	
	diamond cutter (for PVC pipe)	VP	105, 125						○													○	○				○	○	○	○	○	○	○			◎	◎	○					○	○
	electrodeposition diamond blade	EY	80~180						○													◎					◎	◎	○	◎	◎	◎	◎			◎	◎	○					○	○
Cutting concrete road surfaces (for civil・engineering work /wet process)	diamond blade (for asphalt/high quality)	AX	10"~18"																					◎												◎	◎	○						
	〃 (for concrete/high quality)	CX	10"~16"																						◎																			
	〃 (for both asphalt and concrete)	AC	10"~18"																					○	○																			
	〃 (for both asphalt and concrete) sound reduction type	ACC	10"~14"																					○	○																			
	(for both asphalt and concrete) sound reduction type value type	ACK	10"~14"																					○	○																			
Boring	diamond core drill (dry process)	KD	29~120	○	○	◎	◎		○	○	○		○	○	○	○					○	○			○	○	○																	

◎Suitable ○Applicable