



REVERSE

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REVERSE wheels have been designed to improve the productivity of machinery for processing of laminated glass for architectural and structural facades.

+ Improvement of diamond tool life up to 30%: By using REVERSE tools, the removal of plastic shards after grinding is easy and effective. This reduces frictions while grinding and prevents deformation and wear of diamond wheels.

+ Increased working speed: The new REVERSE wheels allow a 20% faster working speed compared to standard ones.



+ Enhanced edge finishing quality: Through a regular and effective removal of plastic shards, the diamond band is always free of process waste and can work with no overheat. This ensures enhanced finishing quality of the edge.

+ Fragmentation of plastic waste: REVERSE tools ensure a fragmentation of plastic waste into small shards that can easily drain away from the grinding area (picture B). This avoids machine stops and re-setting during process. Moreover it solves the problem of scheduled cleaning cycles to remove plastic waste (picture A).

TYROLIT suggested parameters for REVERSE wheels:

Ø	Wheel description	glass thickness	RPM	max feed rate	max removal
100 mm	Rough segmented wheel	C6 / C8	5500 rpm	6000 mm/min	1,00 mm
		C10 / C12	5500 rpm	5500 mm/min	1,50 mm
		C16 / C20	5500 rpm	5000 mm/min	2,00 mm
	Medium TPZ cont. Band wheel	C6 / C12	5500 rpm	7000 mm/min	1,00 mm
		C16 / C20	5500 rpm	6000 mm/min	1,00 mm
		Fine TPZ cont. Band wheel	C6 / C20	5500 rpm	5000 mm/min
150 mm	Rough segmented wheel	C6 / C8	5000 rpm	7000 mm/min	1,00 mm
		C10 / C12	5000 rpm	7000 mm/min	1,50 mm
		C16 / C20	5000 rpm	6000 mm/min	2,00 mm
	Medium TPZ cont. Band wheel	C6 / C12	5000 rpm	7000 mm/min	1,00 mm
		C16 / C20	5000 rpm	6000 mm/min	1,00 mm
		Fine TPZ cont. Band wheel	C6 / C20	5000 rpm	5000 mm/min
200 mm	Rough segmented wheel	C6 / C8	3600 rpm	7000 mm/min	1,00 mm
		C10 / C12	3600 rpm	7000 mm/min	1,50 mm
		C16 / C20	3600 rpm	6000 mm/min	2,00 mm
	Medium TPZ cont. Band wheel	C6 / C12	3600 rpm	7000 mm/min	1,00 mm
		C16 / C20	3600 rpm	6000 mm/min	1,00 mm
		Fine TPZ cont. Band wheel	C6 / C20	3600 rpm	5000 mm/min



Picture A



Picture B