DRYTECH® TCT SAW BLADES
FOR CARBON FIBER REINFORCED PLASTICS

Machining of carbon-fiber-reinforced plastics is currently dominated by milling technology, as this is associated with challenges for conventional saws due to the amount of dust volume. But cutting instead of milling is an advantage by trimming large parts during the machining process.

Using DRYTECH® saw blades in Carbon fiber reinforced plastics lead to high-cost efficiency due to time and material savings. Our high-tech thin-cutting technology and the associated low dust volume in connection with high blade life performance and excellent cutting quality making further reworking superfluous.

In addition to our standard range, we also manufacture customer-specific dimensions. Competent advice and the possibility of performing cutting tests in our in-house test center fulfill our service.

Applicable on:
- Robots
- Milling Centres
- 5-Axe CNC Machining Centres
- Aluminum & Wood Working Machines

Suitable for:
- carbon - fiber reinforced plastics
- carbon - fiber reinforced thermo plastics
- aramid fibre reinforced
- plastics
- glass - fiber composite
- prepreg
- pipes
- profiles
- plates

Advantages:
- clean cutting edge
- prevent delamination due to finest pitch
- less dust volume
- material saving through thin cut technology
- less heat development due to lower cutting resistance

wall thickness up to .4" (10 mm)

Ø		bore		kerf		blade body		teeth	reference
mm	inch	mm	inch	mm	inch	mm	inch		
70	2 ¾	22,2	0.87	1	.039	0,9	.035	60	AURDTS07060
80	3	22,2	0.87	1	.039	0,9	.035	68	AURDTS08068
115	4 ½	22,2	0.87	1	.039	0,9	.035	100	AURDTS115100
120	4 ¾	22,2	0.87	1	.039	0,9	.035	60	AURDTS120060
								6	AURDTS120080
								7 1/2	AURDTS120100
150	6	25,4	1.00	1	.039	0,94	.037	80	AURDTS150080
								10	AURDTS150100
								12	AURDTS150120
192	7 ½	20,0	0.79	1	.039	0,94	.037	160	AURDTS192160
200	8	30,0	1.18	1,2	.047	0,94	.037	180	AURDTS200180
255	10	25,4	1.00	1,4	.055	1,2	.047	220	AURDTS255220
305	12	30,0	1.18	1,6	.063	1,4	.055	260	AURDTS305260
355	14	25,4	1.00	2,0	.079	1,7	.067	300	AURDTS355300
405	16	30,0	1.18	2,5	.098	2,25	.089	280	AURDTS405280
Customized pin holes and bore on request!									

wall thickness greater than .4" (10 mm)

Ø		bore		kerf		blade body		teeth	reference
mm	inch	mm	inch	mm	inch	mm	inch		
250	10	30	1.18	4	.157	3	.118	80	AURDTS250080
305	12	30	1.18	4	.157	3	.118	100	AURDTS305100
355	14	30	1.18	4	.157	3	.118	120	AURDTS355120
Customized pin holes and bore on request!									

Recommended cutting parameters	
Cutting speed	3.000 m/min
Feed speed	4.000 - 15.000 mm/min