



SAW WIRES

THE NEW DIMENSION IN HIGH PERFORMANCE CUTTING

- Extremely short cutting times
- Very long service life
- Robust tool design for the highest possible levels of safety

DIAMOND SAW WIRES

PREMIUM*** – QUALITY TOOLS FOR MAXIMUM ECONOMIC EFFICIENCY

- Exceptional and consistent cutting performance coupled with a long service life
- Universal use
- Innovative and robust tool design
- Large range
- Perfectly coordinated tool / locking mechanism / accessories system

STANDARD** – QUALITY TOOLS FOR EVERYDAY USE

- Exceptional and consistent cutting performance coupled with a long service life
- Universal use
- Perfectly coordinated tool / locking mechanism / accessories system

SERVICE

- Can be supplied with locking mechanism attached on request
- Can be delivered in unbroken lengths of up to 100 m
- Technical support provided by our trained staff

INFORMATION / RECOMMENDATIONS

- Optimum application conditions/wire speed

Concrete	Soft aggregates with little reinforcement	21-25 m/s
Concrete	Hard aggregates with high reinforcement	16-21 m/s
Steel	100%	10-16 m/s

SPECIFICATONS

Example: DWM***-C

Position 1-2	Program	DW	Diamond Wire
Position 3	Machine-tool output	L	Low Power
		M	Medium Power
Position 4-6	Quality line	***	PREMIUM
		**	STANDARD
Position 7	Application	-C	Concrete (yellow)
		-S	Steel (black)

- Assemble the locking mechanisms according to the regulations
- Use only original TYROLIT accessories
- Caution: Do not use shears for cutting. Use an angle grinder with a thin cut-off wheel
- The safety and operating instructions sent with the machine must be observed at all times when using diamond saw wires. The safety manual will be sent to you on request

CHOOSING THE CORRECT TYPE OF SAW WIRE

	Type	Bead		Machine	Material							Dry-cutting
		Sintered	Electroplated		Concrete				Level of reinforcement			
					Very hard	Hard	Medium	Soft	Low	Very high	100%	
PREMIUM	DWM***-C		•	L / M / H	●	●	●	◐	●	●	○	○
	DWL***-C	•		L / M / H	○	◐	◐	◐	◐	○		
	DWM***-S		•	L / M / H	○	○		◐	○	●	●	○
STANDARD	DWM**-C		•	L / M / H	◐	◐	◐	●	◐	◐	○	○
	DWL**-C	•		L / M		○	◐	◐	◐			

Note:

MACHINE		
Output		
(Low)	L	≤ 15 kW
Medium	M	>15-25 kW
High	H	>25-50 kW

MATERIAL	
Aggregates	
Very hard	Flint
Hard	Quartz
Medium	Granite
Soft	Limestone

SUITABILITY	
Optimal	●
Good	◐
Acceptable	○
Not suitable	

DIAMOND SAW WIRE


Decades of experience in the production and application of diamond saw wires and wire saw machines give TYROLIT the edge in the marketplace. Suitable for clearance and demolition work, breaking up bridges, buildings and numerous other large-scale reinforced concrete structures. Virtually unaffected by wall thicknesses and levels of reinforcement. Works flawlessly with TYROLIT Hydrostress machines.




PREMIUM★★★

For the most demanding applications and solutions for complex projects


DWM***-C | electroplated | for concrete

	ITEM NO.	SHAPE	DIA.	BEADS/M	IN STOCK	
	572996	WIRE	10.2	46	•	
	524513	WIRE	8.5	46	•	

DWM***-S | electroplated | for steel

	ITEM NO.	SHAPE	DIA.	BEADS/M	IN STOCK	
	603261	WIRE	10.2	46	•	


DWL***-C | sintered | for concrete

	ITEM NO.	SHAPE	DIA.	BEADS/M	IN STOCK	
	603260	WIRE	11	40	•	


STANDARD★★

For everyday use. Cost-effective solution for standard applications

DWM**-C | electroplated | for concrete


	ITEM NO.	SHAPE	DIA.	BEADS/M	IN STOCK	
	603256	WIRE	10	40	•	

DWL**-C | sintered | for concrete


	ITEM NO.	SHAPE	DIA.	BEADS/M	IN STOCK	
	603259	WIRE	11	40	•	

ACCESSORIES FOR SAW WIRES


Hydraulic hand press - 80 kN

	ITEM NO.	SHAPE		IN STOCK	
	117984	SPV	80kN CPL	•	


Press inserts for hand press

	ITEM NO.	SHAPE	DIA.		IN STOCK	
	524002	SPEV	8	80 kN	•	
	578301	SPEV	11	80 kN	•	


Cardanic sleeve and spare bolts for saw wire diameters 10/11 mm

	ITEM NO.	SHAPE	DIA.	IN STOCK	
	218909	SVG	10	•	
	218914	SVGB	10	•	


Repair sleeve for saw wire diameters 8.5 and 10/11 mm

	ITEM NO.	SHAPE	DIA.	IN STOCK
	902134	SVR	8	•
	600045	SVR	11	•


Threaded sleeve for saw wire diameter 11 mm

	ITEM NO.	SHAPE	DIA.	IN STOCK
	599851	SVS	11	•

Assembly fixture for cardanic sleeve and spare pin

	ITEM NO.	SHAPE			IN STOCK
	860404	SMGV	II		•
	148130	SMGV	2.5	20	•

A60Q-BFXA | 2in1 *** Cut-off wheel for cutting the wire

	ITEM NO.	SHAPE	DIA.	WIDTH	BORE	IN STOCK
	77966	41F	125	1	22.23	•

TYROLIT SCHLEIFMITTELWERKE SWAROVSKI K.G.

Swarovskistraße 33 | 6130 Schwaz | Austria
Tel.: +43 5242 606-0 | Fax: +43 5242 633-98

All our **worldwide subsidiaries** can be found on our
website at **www.tyrolit.com**

A Company within the SWAROVSKI Group

TYROLIT