

## BEKAERT - Sawing Wire Specifications

### Scope

These specifications describe the properties and standard packaging of high carbon, cold-drawn, brass-plated, high tensile wire for sawing hard crystalline materials.

### Properties

Wire diameter ( $\mu\text{m}$ )	180	175	160	150	140	130	120
max. spread within 1 spool ( $\mu\text{m}$ )	3	3	3	3	3	3	3
max. ovality of wire ( $\mu\text{m}$ )	3	3	3	3	3	3	3
linear density (g/km)	200	189	158	139	121	104	89
Breaking load (N)	$86 \pm 9$	$82 \pm 9$	$72 \pm 5$	$65 \pm 5$	$58 \pm 5$	$52 \pm 5$	$45 \pm 5$
Nominal tensile strength (N/mm <sup>2</sup> )	3400	3400	3600	3700	3750	3800	4000

### Spools

All wire diameters are available in every lengths required - depending on spool type - either on Bekaert spools or customer spools.



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