

## RECYCLING USED CEMENTED CARBIDE PRODUCTS

### WHAT CAN BE RECYCLED?

The following carbide products are suitable for recycling:  
 Inserts, Solid drills, Solid end mills, PCD / PCBN (Tipped inserts only) and wear parts.



### WHAT CANNOT BE RECYCLED?

The following products are not suitable for recycling: Solid PCD, Solid PCBN, Cermets and Ceramics.

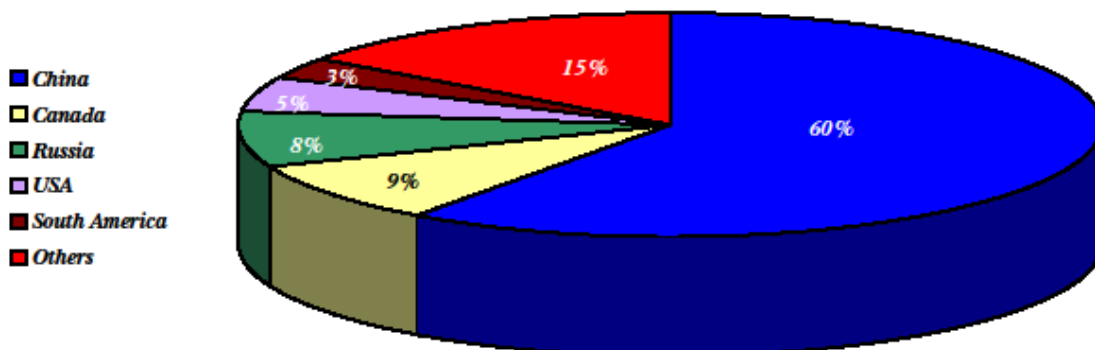
**Cermets & Ceramics:** Both of these materials would involve reprocessing input that would exceed the norms for environmental impact and cost effective recycling.



## ENVIRONMENT

Tungsten, or in its original form Wolfram ore, was formed by supernova explosions during the creation of the universe and planet earth..... It is a valuable and limited resource. Estimations of the existing reserves of tungsten suggest that with present consumption, resources will be depleted within 40 - 100 years. The total amount of tungsten ore reserves in the world is estimated at 3 million tonnes, these reserves are located in the following countries:

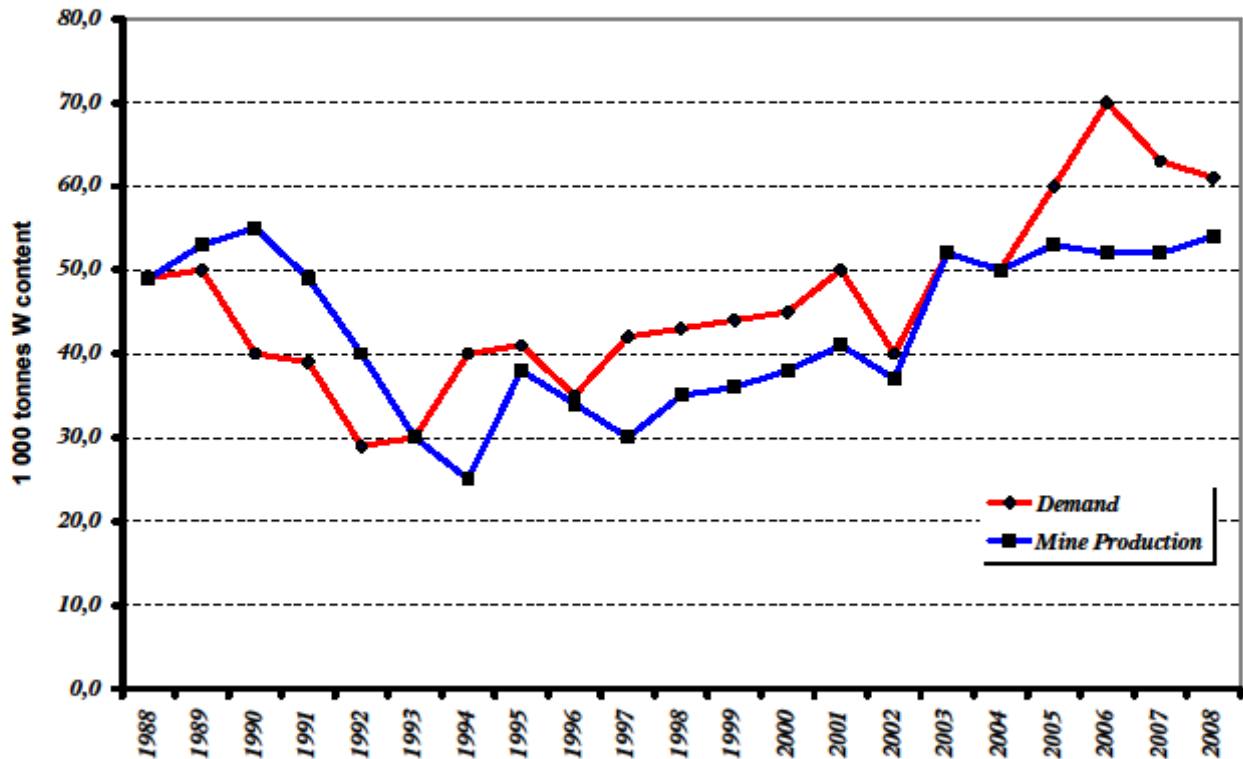
*Tungsten reserves (3 million tonnes, W content)*



## SUPPLY & DEMAND

For the last few years, demand has been higher than production and a general trend towards higher consumption can clearly be seen.

*Tungsten supply and demand*



## ENVIRONMENTAL GAINS

Recycling of used material, compared to the mining of virgin material, reduces the environmental impact. By recycling, we can prolong the time before the resources are at an end and reduce energy consumption by approximately 35%. At the same time, the CO<sub>2</sub> emissions are reduced by approximately 40%.

## HOW DOES IT WORK?

**IT IS EASY FOR THE CUSTOMERS:** Seco recycling is a service that is offered to all our existing customers and other users of cemented carbide. It is both easy and simple to use.

Three easy steps

1. Use the carbide until the useful life has been achieved.
2. Place the worn carbide into Seco recycling bins according to instructions provided by your Seco representative.
3. When the bin is full, contact your local Seco office via phone, fax or e-mail and arrange for collection.

After that, Seco Tools will take care of everything for you.

## TERMS & CONDITIONS

Recyclable carbide must be free from contaminants including ceramics, cermets and steel.

Seco reserve the right to reject any or all materials that are non-conforming.

Seco will accept recyclable carbide from any manufacturer, as long as it adheres to the above conditions.

Note: The powder resulting from the process of recycling and provided to Seco by certified recycling companies has the same qualities as virgin powder.

## CARBIDE RECYCLING CONTAINERS

### SMALL SIZE

Volume: 0,5 litres, holds about 5 kg



### MEDIUM SIZE

Volume: 5 litres, holds about 25 kg



The boxes are available from your local Seco office. Contact Seco to set-up your recycling program.



### TOOLSERVICECORPORATION

**HOME OFFICE:** 2942 N. 117<sup>th</sup> Street; Milwaukee, WI 53222 \* 414-476-7600 \* Email: [infoMKE@toolservice.com](mailto:infoMKE@toolservice.com)

**VALLEY NORTH:** 1901 Progress Way; Kaukauna, WI 54130 \* 920-462-0591 \* Email: [infoVN@toolservice.com](mailto:infoVN@toolservice.com)

**RIVER WEST:** 5385 Freitag Drive – Suite 2; Menomonie, WI 54751 \* 715-231-5566 \* Email: [infoRW@toolservice.com](mailto:infoRW@toolservice.com)

**ROCK VALLEY:** 6010 Forest Hills Road; Loves Park, IL 61111 \* 630-455-9130 \* Email: [infoRV@toolservice.com](mailto:infoRV@toolservice.com)

**CHICAGO AREA:** 600 Joliet Road – Unit L; Willowbrook, IL 60527 \* 630-455-9130 \* Email: [techsupport@toolservice.com](mailto:techsupport@toolservice.com)

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