



# APEX SHEARS

PRIVATE LIMITED

Works:  
M22, Mohabewala Indl. Area, Saharanpur Rd,  
Dehradun 248002. Uttarakhand State. India  
Tel: +91-135-2641810. Fax: +91-135-2641703  
Email: [works@apexshears.com](mailto:works@apexshears.com)

Tungsten carbide razor knives (TC) for cutting paper, board and cardboard



## Advantages of TC razor knife

Compared to HSS and D2, Tungsten Carbide has many advantages which are suitable for many slitting applications. The most important advantage is very long running life. In many situations, it can be as much as 10 to 20 times as seen in the paper, cardboard or corrugated container industry. The mirror finish provides protection from glue adhering to the knife which in turn protects against knife breakage caused by uneven pressure. The sharper cutting edge produces less dust, making for a cleaner working environment. Although the Tungsten Carbide knife is brittle, the high cobalt content increases overall strength. In addition, the new process HIP, (High Isothermal Pressure) improves knife stability dramatically.

*We don't just make the Tool but provide the Total Tooling Solution!*



# APEX SHEARS

PRIVATE LIMITED

Works:  
M22, Mohabewala Indl. Area, Saharanpur Rd,  
Dehradun 248002. Uttarakhand State. India  
Tel: +91-135-2641810. Fax: +91-135-2641703  
Email: [works@apexshears.com](mailto:works@apexshears.com)

## Specification of key products

### 1. Common Sizes used in Paper, Cardboard or Corrugating Container Industry

OEM	OD [mm]	ID [mm]	TH [mm]	Assemble hole number*d [mm]
BHS	240	32	1.2	2 * 8.5
PETERS	250	150	0.8	
FOSBER-1	230	110	1.1	6 * 9
FOSBER-2	291	203	1.0	6 * 8.7
AGNATI-1	240	115	1.0	3 * 9
AGNATI-2	220	115	1.0	3 * 9
MARQUIP	260	168.35	1.2	8 * 10.32
ISOWA	260	140	1.0	6 * 9.5
MITSUBISHI-1	280	202	1.5	6 * 7.6
MITSUBISHI-2	280	160	1.0	6 * 8.1

### Placing order

When placing order, please mention the Machine OEM name and the dimension of OD\*ID\*Thickness and Qty.

### Application Instruction

Please carefully read the Application Instruction before application. It would be attached in the shipment, because the TC razor knife is very brittle. If it is not assembled and used properly, it will be easily broken.