

CUTTING TONGS





SERIES ZK1000

▶ PRODUCT ADVANTAGES



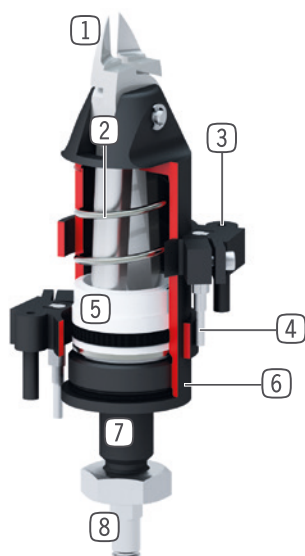
- ▶ **Extremely lightweight**
This light weight generally allows the use of a smaller moving axis, reducing the overall costs of the application in the process
- ▶ **Integrated magnetic field sensing**
One of the few cutting tongs on the market that can have its position queried and transferred to the control system with process reliability
- ▶ **Decide for yourself!**
Sprue or steel wire: The variety of cutting geometries and materials ensure you always find the correct cuttings

▶ SERIES CHARACTERISTICS

Installation size	
ZK10XX	
 5 million maintenance-free cycles (max.)	●
 Spring opening O	●
 Magnetic field sensor	●
 IP30	●



► BENEFITS IN DETAIL



- ① **Cutting insert**
 - flexible applicable due to specific cutting geometry
- ② **Return spring**
 - to open the cuttings
- ③ **Mounting clamp**
 - mounting and positioning of magnetic field sensors
- ④ **Magnetic field sensor**
 - for position sensing
- ⑤ **Drive**
 - single-acting pneumatic cylinder
- ⑥ **Housing**
 - Hard-coated aluminum alloy
- ⑦ **Mounting and positioning**
 - via fit, thread and lock nut
- ⑧ **Energy supply**

► TECHNICAL DATA

Installation size	Stroke [°]	Gripping moment [Nm]	Weight [kg]	IP class
ZK1030	4.25	14	0.08	IP30
ZK1036	5	40	0.13	IP30
ZK1045	8.5	98	0.24	IP30
ZK1065	13	400	0.67	IP30

► FURTHER INFORMATION IS AVAILABLE ONLINE



All information just a click away at: www.zimmer-group.com. Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.

CUTTING TONGS

INSTALLATION SIZE ZK1030

▶ PRODUCT SPECIFICATIONS



▶ INCLUDED IN DELIVERY



1 [piece]
Locking nut
C093610009

▶ RECOMMENDED ACCESSORIES



ENERGY SUPPLY



GVM3
Straight Fittings - Barb Style Connection



WVM3
Angled Fittings - Barb Style Connection



SENSORS



KHD30
Sensor holder



MFS02-K-KHC-P1-PNP
Magnetic field sensor straight, cable 5 m



MFS02-S-KHC-P1-PNP
Magnetic field sensor straight, cable 0.3 m - M8 connector



CONNECTIONS / OTHER



BK1030-01
Cutting Insert 15° for plastics



BK1030-02
Cutting Insert 40° For Plastics



BK1030-03
Cutting Insert 0° For Plastics



BK1030-04
Cutting Tong For Plastics



BK1030-05
Cutting Insert 0° For Steel

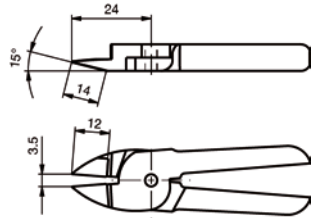
CUTTING TONGS

ZK1000 SERIES CUTTING INSERTS

► CUTTING INSERTS FOR ZK1030

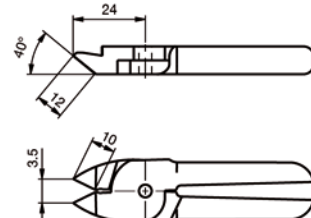
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Cutting Insert 15° for plastics



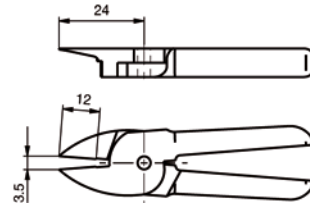
BK1030-02

Cutting Insert 40° For Plastics



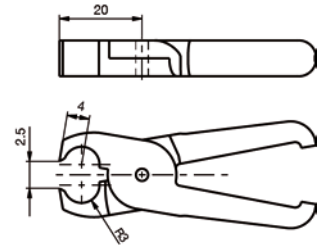
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Cutting Insert 0° For Plastics



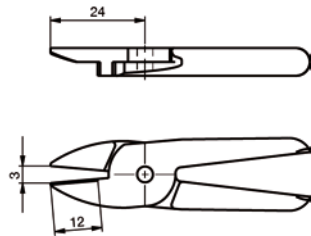
BK1030-04

Cutting Tong For Plastics



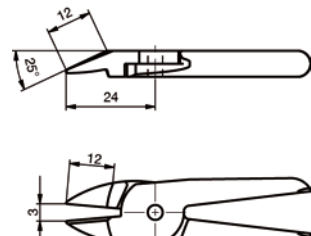
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Cutting Insert 0° For Steel



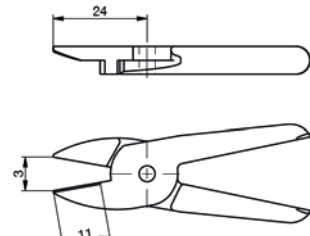
BK1030-06

Cutting Insert 25° For Steel



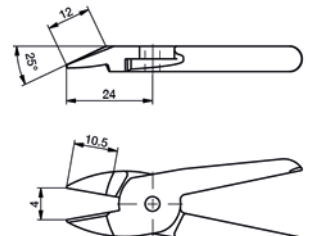
BK1030-07

Carbide cutting insert 0° for steel



BK1030-08

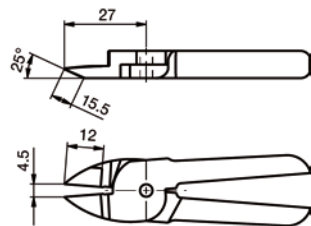
Carbide Cutting Insert 25° For Steel



► CUTTING INSERTS FOR ZK1036

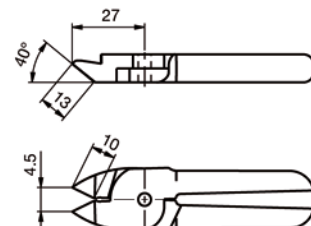
BK1036-01

Cutting Insert 25° For Plastics



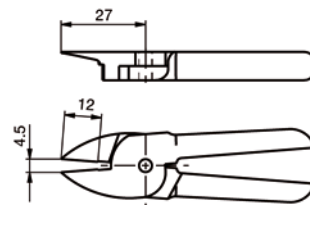
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Cutting Insert 40° For Plastics



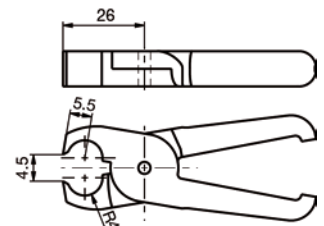
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Cutting Insert 0° For Plastics



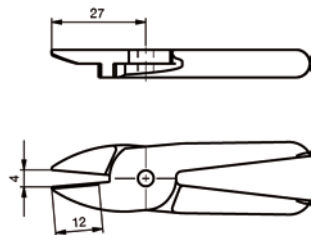
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Cutting Tong For Plastics



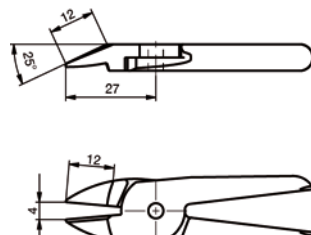
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Cutting Insert 0° For Steel



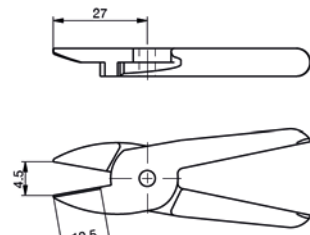
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Cutting Insert 25° For Steel



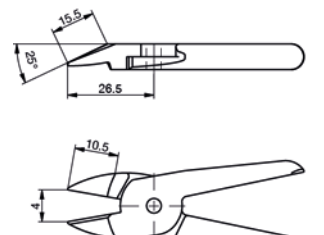
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Carbide cutting insert 0° for steel



BK1036-08

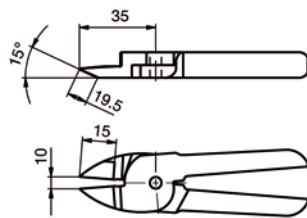
Carbide Cutting Insert 25° For Steel



▶ CUTTING INSERTS FOR ZK1045

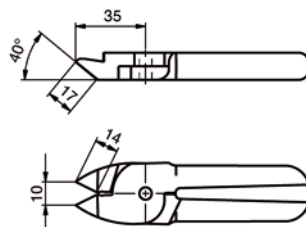
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Cutting Insert 15° for plastics



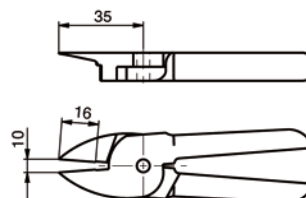
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Cutting Insert 40° For Plastics



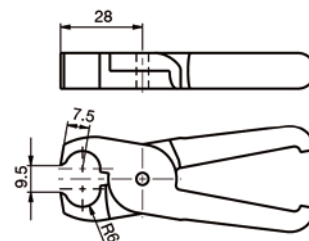
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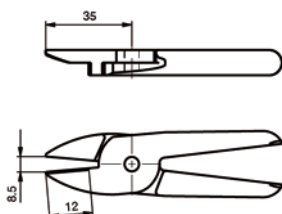
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Cutting Tong For Plastics



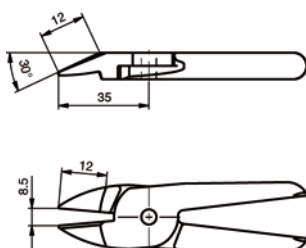
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Cutting Insert 0° For Steel



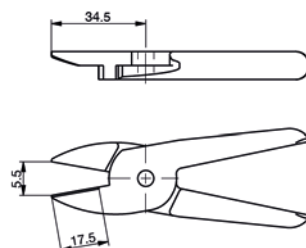
BK1045-06

Cutting Insert 30° For Steel



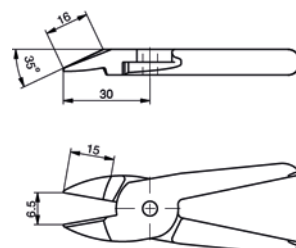
BK1045-07

Carbide cutting insert 0° for steel



BK1045-08

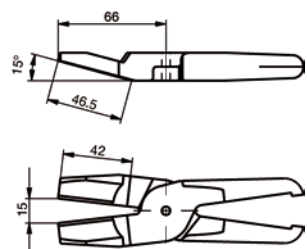
Carbide Cutting Insert 35° For Steel



▶ CUTTING INSERTS FOR ZK1065

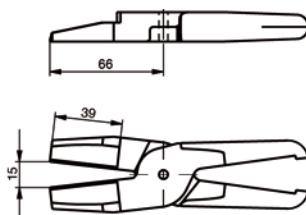
BK1065-01

Cutting Insert 15° for plastics



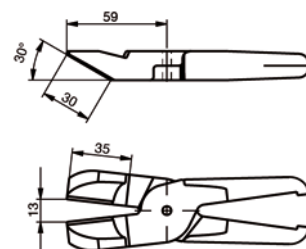
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Cutting Insert 0° For Plastics



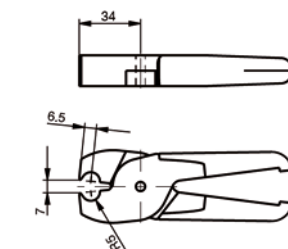
BK1065-03

Cutting Insert 30° For Plastics



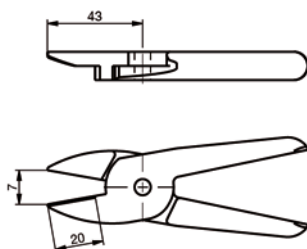
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Cutting Tong For Plastics



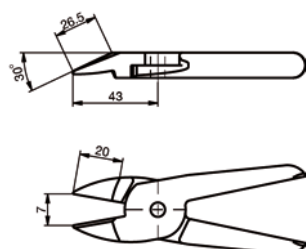
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Cutting Insert 0° For Steel



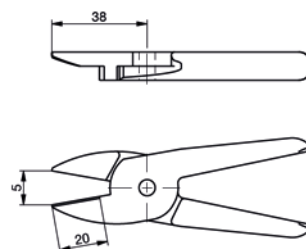
BK1065-06

Cutting Insert 30° For Steel



BK1065-07

Carbide cutting insert 0° for steel



BK1065-08

Carbide Cutting Insert 40° For Steel

