

CARBIDE BLOCK DIES

CARBIDE BLOCK DIES —GUIDE—

These products are manufactured and sold exclusively in Japan by MISUMI with the technical tie-up with **KRAMSKI** GmbH in Germany.

CARBIDE BLOCK DIES



Price Cut



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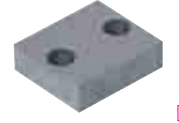
Name	CARBIDE BLOCK DIES —Straight type, Single flange type—	SCRAP RETENTION CARBIDE BLOCK DIES	BLOCK DIES —Free size type—
Catalog No.	(B)(C)	(B)(C)	(B)(C)
Delivery	(B)(C)	(B)(C)	(B)(C)
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SCRAP RETENTION CARBIDE BLOCK DIES (FREE SIZE TYPE)	CARBIDE BLOCK DIE BLANKS WBLDB WBLDBF	CARBIDE BLOCK DIE BLANKS ZD ZDA ZD B ZD C
(B)(C)	(B)(C)	(B)(C)(D)
492	493	494 - 495

Carbide block dies list

Type	Material	Shank dimension tolerance	Normal			For scrap retention		
			Round	Shaped	page	Round	Shaped	page
Carbide block straight type	V40(HIP)	V·H ^{+0.005} ₀	WBLD	WBLD□	P.487	SR-WBLD	SR-WBLD□	P.489
Carbide block single flange type	V40(HIP)	V·H ^{+0.005} ₀	WBLDF	WBLD□F	P.487	SR-WBLDF	SR-WBLD□F	P.489
Carbide block free size type	V40(HIP)	V·H ^{+0.005} ₀	WFBLD	WFBLD□	P.491	SR-WFBLD	SR-WFBLD□	P.492

Scrap retention block dies (For details, see P.1137)

• Available range

- Hole diameter... φ 1.0~ φ 16
- Workpiece material... With tensile strength up to 1177N/mm² (120kgf/mm²)
- Thickness of machining materials... 0.1mm or greater
- The scrap retention effect cannot be expected when the clearance (C) of either side is larger than the workpiece thickness (MT) by 20%. Therefore, keep the difference to 20% or less when using this type.

Either side of clearance (C) < workpiece thickness (MT) × 20%

- The scrap retention block dies prevent a slug from being pulled up by forming small protrusions on the slug. Therefore, this type is not appropriate when precision holes are required or punched-out slugs are sold as a product.