V-BLOCKS

REFER TO PAGE 547~554 FOR DETAILS



6896-11



6887-3



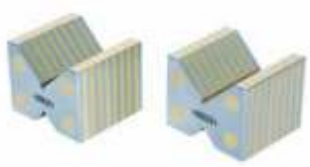
6897-1



6890-702



6888-1



6878-1



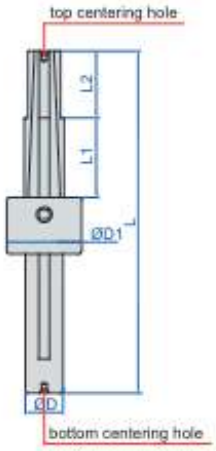
6891-1

EXPANSION MANDRELS

CUSTOMIZED HIGH PRECISION MANDREL WITH 3μm RADIAL RUNOUT IS AVAILABLE



6335-3A



- Checking runout of gears with the bore as a reference
- With centering holes on top and bottom ends, it can rotate between two centers for easy measurement
- Radial runout: 5μm

(mm)

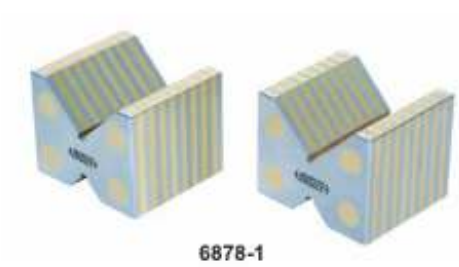
Code	Bore clamping range	L	L1	L2	ØD	ØD1
6335-0A	Ø9.53-12.70mm	121.9	12.7	12.7	14.7	38.1
6335-1A	Ø12.70-19.05mm	147.7	24.9	24.9	14.7	38.1
6335-2A	Ø19.05-25.40mm	147.7	24.9	24.9	14.7	38.1
6335-3A	Ø25.40-38.10mm	260.4	60.5	50.3	28.6	57.2
6335-4A	Ø38.10-50.80mm	308.0	75.7	66.0	36.5	76.2
6335-5A	Ø50.80-63.50mm	308.0	75.7	66.0	36.5	76.2
6335-6A	Ø63.50-76.20mm	308.0	72.4	66.0	36.5	76.2
6335-7A	Ø50.80-76.20mm	425.5	90.2	89.9	50.4	95.3
6335-8A	Ø76.20-101.60mm	425.5	83.3	89.9	50.4	95.3
6335-9A	Ø101.60-127.00mm	425.5	83.3	89.9	50.4	95.3
6335-10A	Ø127.00-152.40mm	425.5	83.3	89.9	50.4	95.3
6335-11A	Ø152.40-177.80mm	425.5	83.3	89.9	50.4	95.3

application

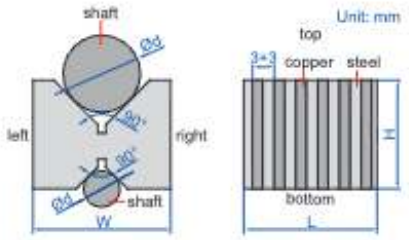


ATTENTION: NOT HARDENED, DO NOT ROTATE WORKPIECES ON V-BLOCKS

MAGNETIC INDUCTION V-BLOCK SET



6878-1



- Hold cylindrical workpieces for inspection and machining
- To be used on magnetic chucks
- Two V-blocks per set
- V groove on the top for large shafts
- V groove on the bottom for small shafts
- Hardness HRB70
- Non-magnetic copper strips

Code	Size (L×W×H)	Range of shafts (Ød)	Pole pitch	Parallelism of both V grooves to top and bottom sides	Height difference of a matched pair
6878-1	52×58×46mm	6-56mm	3+3mm	10μm	10μm



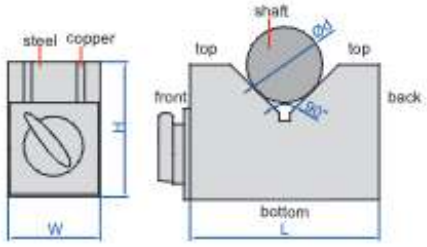
ATTENTION: NOT HARDENED, DO NOT ROTATE WORKPIECES ON V-BLOCKS

ATTENTION: LOW MAGNETIC FORCE

MAGNETIC V-BLOCK SETS



6891-1



- Hold cylindrical workpieces for inspection, not suitable for machining due to low magnetic force
- Two V-blocks per set
- Hardness HRB70

Code	Size (L×W×H)	Range of shafts (Ød)	Magnetic force	Parallelism of V groove to bottom and back sides	Height difference of a matched pair
6891-1	70×40×50mm	6-46mm	15kgf	10μm	10μm
6891-3	150×50×100mm	6-125mm	21kgf	10μm	10μm

